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5.2 Addons

This page list [Third-party Addons](#) written by users and developers to work only with Gramps version 5.2.



Please use carefully on data that is [backed up](#). Help make these Third-party Addons better by reporting any comments or problems to the author, or issues and Feature requests to the [bug tracker](#)

Unless otherwise stated on this page, you can download these plugin by following: [these instructions](#):

Please note that some Addons have prerequisites that need to be installed before they can be used.

These Third-party Addons unless stated are not officially part of Gramps.

This Addon/Plugin system is controlled by the [Addon Manager](#) and [Plugin Manager](#).

Gramps comes with a [core set of plugins](#) which provide all of the critical features.

However, you can extend this functionality with additional Third-party Addons. These addons provide reports, filters, [View modes](#), Gramplets, and more.

From Gramps [Addon Manager... > Scheduled update checks](#) section, you can check for available extra (or updated) addons and select which to download. Then, they will be retrieved from the internet from the Gramps-Project file server and installed locally on your computer.

Once installed, an addon is found in the same place as a built-in feature of the same [Type](#). That is, Tool addons become new menu items on the Tools menu... while add-on Gramplets become new choices in the appropriate Category View sidebar, bottombar or Dashboard options.

Installed addons can be enabled or disabled via the [Plugin Manager](#).

Can not find it?

The Plugin Manager and Preferences are good places to search when a feature is being elusive.



Addons are not typically cross-referenced in the wiki and might not be where you would expect in the interface.

What you recalled as a Report might actually be a Quick View... and those are found in entirely different menus. Or you might have installed an Addon for a different machine or in another version of Gramps.

So looking through the addons available for download and among those installed can help you rediscover the feature.

Installing Addons in Gramps

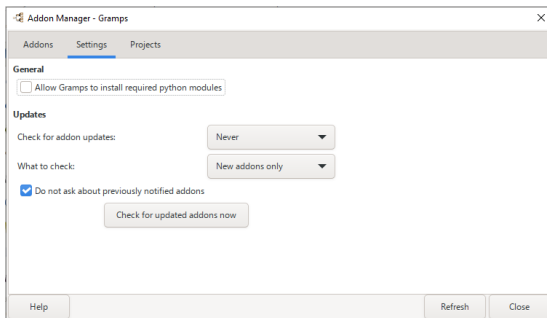


Fig. .1 "Addon Manager..." window showing default "Settings..." for Gramps 5.2

You can have Gramps manage the process of checking and downloading Addon updates by changing your settings to match the highlighted section in the screenshot to the right or read the following.

To configure Gramps for Addons:

1. Start Gramps
2. Select Menu [Edit -> Addon Manager...](#)
3. Go to the [Settings](#) tab
4. In the [scheduled update checks](#) section:
5. Change [check for addon updates](#): so when you start Gramps, it checks for updated Addons:

1. **Once a week** - checks for updates when you start Gramps once a week (**This is the recommended setting** but you can choose any of the other time periods.)
6. Change **What to check** so when you check for updates, it checks for:
 1. **New and updated addons** - checks for all new and updated addons (**This is the recommended setting**)
7. Change the **Do not ask about previously notified addons** checkbox to:
 - Unchecked as it means that new/updated addons are always shown to you (**This is the recommended setting**)
8. If needed you can verify that in the **Project's tab > Where to check** option has the correct URL. To locate the [list of addons](#) for your current language and version, it should be set to:

<https://raw.githubusercontent.com/gramps-project/addons/master/gramps52> if not; select the [Restore project defaults](#) button. (Also see the Discourse forum discussion for the URL of the [5.2 beta repository](#) of Isotammi addons.)
9. Assuming you have an **Internet** connection. You can now optionally select the [Check for updated addons now](#) button to force a check for Addons using the updated settings.
10. From the [Available Gramps Updates for Addons](#) window you will be shown a list broken down by **Type** that you can view by selecting the "Select" column expand out each "Type".
11. You can then select the check box of those Addons you want to install.
12. Then select the [Install Selected Addons](#) button to download those Addons from the *Internet*.
13. Once downloaded from the **Done downloading and installing addons** dialog select the [Close](#) button
14. From the **Preferences** dialog select [Close](#) button.
15. To use the Addons you need to **Family Trees>Quit** and restart Gramps.

Available Gramps Updates for Addons

Gramps comes with a core set of plugins which provide all of the necessary features. However, you can extend this functionality with additional Addons. These addons provide reports, listings, views, gramplets, and more. Here you can select among the available extra addons, they will be retrieved from the internet off of the Gramps website, and installed locally on your computer. If you close this dialog now, you can install addons later from the menu under Edit -> Addon Manager.

Select All Select None

Select	Type	Name	Description
▶	New: Report		
▶	New: Quick view		
▶	New: Gramplet		
▶	New: Database		
▶	New: Rule		
▶	New: Tool		
▶	New: Importer		
▶	New: Exporter		
▶	New: Plugin library		
▶	New: Map service		
▼	New: View		
<input type="checkbox"/>	New View	H-Tree Pedigree (0.0.30)	The view shows a space-efficient pedigree with ancestors of the selected person
<input type="checkbox"/>	New View	Quilt Chart (1.0.22)	The view shows a quilt chart visualisation of a family tree
<input type="checkbox"/>	New View	Timeline Pedigree (0.1.62)	The view shows a timeline pedigree with ancestors and descendants of the selected person
<input type="checkbox"/>	New View	Combined (2.0.11)	A view showing relationships and events for a person
<input type="checkbox"/>	New View	Place Coordinate Gramplet view (1...	View for the place coordinate gramplet.
<input type="checkbox"/>	New View	Ancestors map (1.0.9)	A view showing ancestors places on the map.
<input checked="" type="checkbox"/>	New View	Graph View (1.0.134)	Dynamic and interactive graph of relations
<input type="checkbox"/>	New View	Life Line Ancestor Chart (1.3.22)	Persons and their relation in a time based chart
<input type="checkbox"/>	New View	Life Line Descendant Chart (1.3.22)	Persons and their relation in a time based chart

Close Install Selected Addons

"Available Gramps Updates for Addons" window showing example listing output for Gramps 5.2

Addon List


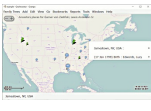

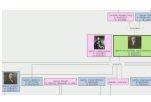

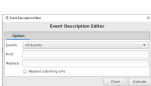




Addons are listed inside of Gramps through the interface described above. The Plug-in Manager list includes the [built-in Gramplets](#) as well as any downloaded third party addons... such as those in the following list.

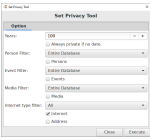
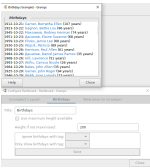
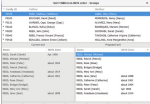
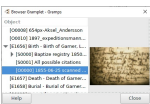
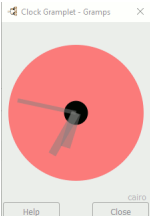

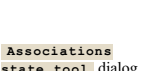



See [Addon list legend](#)

for details of on each columns.

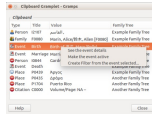
Plugin / Documentation	Type	Image	Description	Use	Rating (out of 4)	Contact	Download
---------------------------	------	-------	-------------	-----	-------------------------	---------	----------

All Names of All People	Quickview		Shows all names for all people	All	4	Gramps Bugtracker Doug Blank	AllNamesQuickview.addon.tgz
Ancestors map	View		A Geography category View Mode which maps Event Places related to the Ancestors of the Home Person.	All	1	Gramps Bugtracker Serge Noiraud	GeoAncestor.addon.tgz
Attach Source	Tool		A tool to attach a source to a group of people.	All	1	Gramps Bugtracker Doug Blank	AttachSourceTool.addon.tgz
Avatar Generator Tool	Tool		A tool that allows you to add and remove one or several images for a selected set of filtered people.	All	4	Matthias Kemmer	AvatarGenerator.addon.tgz
DNA Segment Map	Gramplet		Gramplet showing a matching DNA segment map (attribute)	All	4	Gramps Bugtracker Nick Hall, Gary Griffin	DNA.addon.tgz
Event Description Editor	Tool		A tool that allows you to find and replace a text string in the event description of multiple events.	All	4	Matthias Kemmer	EventDescriptionEditor.addc
Biography	Quickview		Shows a text biography based on the events of the selected Person	All	4	A. Guinane	BiographyQuickview.addon
Number of ancestors	Quickview		A quickview similar to the Number of Ancestors text report .	All	4	Matthias Kemmer	NumberOfAncestorsQuickvi
Family Relationship Tool	Tool	N/A	A tool that allows editing family relationships of multiple families.	All	4	Matthias Kemmer	FamilyRelationshipTool.add
Heatmap	Report		Create a heatmap web report.	All	4	Matthias Kemmer	Heatmap.addon.tgz
Media Report	Report		A text report for images, which allows custom headings and custom notes as well as image data like notes, citations, tags, attributes and people references.	All	4	Matthias Kemmer	MediaReport.addon.tgz

Double Cousin	Report	N/A	Double Cousin is a text report which lists special multiplicities of cousins like double cousins.	All	4	Matthias Kemmer	DoubleCousins.addon.tgz
Set Privacy Tool	Tool		The Set Privacy Tool allows you to manage privacy status of people, events and media	All	4	Matthias Kemmer	SetPrivacyTool.addon.tgz
Birthdays	Gramplet		Display the upcoming birthdays	All	1	Peter Potrowl	BirthdaysGramplet.addon.tgz
Sort Children in Birth order	Tool		Sort children in families in their birth order	All	3	Paul Culley	BirthOrder.addon.tgz
Media Browser	Gramplet		Display shows details of a person linked media objects.	All	4	Gramps Bugtracker	MediaBrowser.addon.tgz
Clock	Gramplet		A sample Cairo clock gramplet.	Developer	1	Gramps Bugtracker Doug Blank	ClockGramplet.addon.tgz
Calculate Estimated Dates	Tool		A tool to set estimated birth and death dates.	All	2	Gramps Bugtracker Doug Blank	CalculateEstimatedDates.ad
Check Associations data	Tool		Will check the data on Association for people. All menu Tools -> Utilities -> Check Associations data...	All		Gramps Bugtracker Jerome Rapinat	AssociationsTool.addon.tgz
Combined	View		A Relationships category View Mode showing relationships and events for a person. Like the built-in Relationships View but on steroids.	All	1	Gramps Bugtracker Nick Hall	CombinedView.addon.tgz

[Collections Clipboard](#)

Gramplet



Allows one to group items together for quick access.

All 2

[Gramps Bugtracker](#) [ClipboardGramplet.addon.tgz](#)
[Doug Blank](#)

Command Line Merge

Tool

N/A

Merge primary object via the command line. (Note: Used by Gramps project to test its code you can see an example of how it used programmatically [here](#))

Developer 3

[Gramps Bugtracker](#) [CliMerge.addon.tgz](#)
[Michiel D. Nauta](#)

[D3 Ancestral and Descendant Charts](#)

Web Report



Create ancestral/descendant web based interactive D3 charts.

All 3

[Matt Keenan](#) [D3Charts.addon.tgz](#)

[Database Differences Report](#)

Report



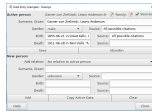
Allows a mostly complete comparison between the current database and a Gramps XML file

All 2

[Gramps Bugtracker](#) [Differences.addon.tgz](#)

[Data Entry Gramplet](#)

Gramplet



Quick Data Entry for People data

Expert user 4

[Gramps Bugtracker](#) [DataEntryGramplet.addon.tgz](#)

[Date Calculator](#)

Gramplet



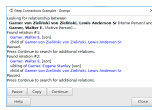
Allows you to do date math.

Normal user 3

[Gramps Bugtracker](#) [DateCalculator.addon.tgz](#)

[Deep Connections Gramplet](#)

Gramplet



Finds deep relationships between home and active people

All 3

[Gramps Bugtracker](#) [DeepConnectionsGramplet.a](#)

[DenominoViso](#)

Web report



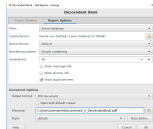
Creates interactive graphical ancestor/descendant tree on a webpage.

All 3

[Gramps Bugtracker](#) [DenominoViso.addon.tgz](#)
[Michiel Nauta](#)

[Descendant Book and Detailed Descendant Book](#)

Report



Create a book of descendant or detailed descendant reports using a filter.

All

4

[Matt Keenan](#)
[Giansalvo Gustinu](#)

[DescendantBooks.addon.tgz](#)

[Detailed Descendant Report With All Images](#)

Report

Produces a detailed descendant report with all images and optional todo list.

All

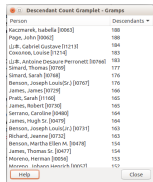
4

[Jon Schewe](#)

[DetDescendantReport-image](#)

[Descendant Count](#)

Gramplet and Quickview



Gives a count of descendants for each All person

All

4

[Gramps Bugtracker](#)
[Doug Blank](#)

[DescendantCount.addon.tgz](#)

[Descendants Lines](#)

Report



Generates a graphical descendants tree using orthogonal edges and routing ("square edges").

All

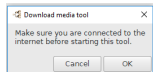
3

[Gramps Bugtracker](#)
[User:Lcc](#)
[Adam Sampson](#)
[Giansalvo Gustinu](#)

[DescendantsLines.addon.tgz](#)

[Download media files from the internet](#)

Tool



Download media from web pages

All

1

[Gramps Bugtracker](#)

[DownloadMedia.addon.tgz](#)

[Dynamic Web Report](#)

Report



Exports the Family Tree as Web pages that are generated dynamically by client-side Javascript(no server required).

All

3

[Gramps Bugtracker](#)
[Pierre Béliissent](#)

[DynamicWeb.addon.tgz](#)

[Export Raw](#)

Exporter



A Gramps exporter that will dump your BSDDB database into a flat text version (raw) of the Python objects.

Developer

4

[Gramps Bugtracker](#)
[Doug Blank](#)

[ExportRaw.addon.tgz](#)

[Extract Place Data from a Place Title](#)

Tool



Attempts to extract city and state/province from a place title

All

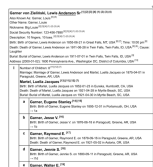
3

[Gramps Bugtracker](#)

[ExtractCity.addon.tgz](#)

[Family Sheet](#)

Report



Generates a form with all information about a person, its spouses and its children. (Requires: PIL (Python Imaging Library).)

All

4

[Gramps Bugtracker](#)
[Reinhard Müller](#)

[FamilySheet.addon.tgz](#)

[Family Tree](#)

Report



Generates a graphical tree of a family with its ancestors and/or descendants.

All

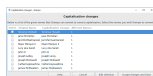
3

[Gramps Bugtracker](#)
[Reinhard Müller](#)

[FamilyTree.addon.tgz](#)

[Fix Capitalization of Given Names](#)

Tool



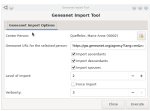
Fix Capitalization of Given Names

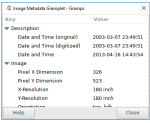



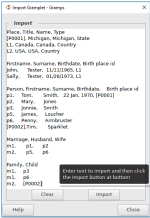
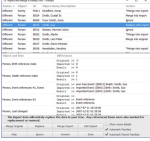
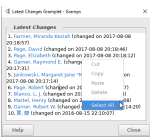
All


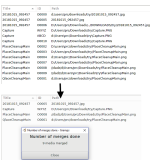
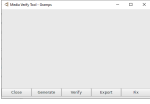




2

[Gramps Bugtracker](#)
[Donald N. Allingham](#)
[Doug Blank](#)

[ChangeGivenNames.addon.tgz](#)

Forms Gramplet	Gramplet		Forms gramplet that allows users to create and edit structured source data in a single form, such as birth, marriage and death certificates and parish register entries.	All	1	Nick Hall	Form.addon.tgz
Export GEDCOM Extensions (GED2)	Exporter		Collection of unofficial GEDCOM extensions which extend Gramps GedcomWriter to include common non-compliant GEDCOM additions..	Expert user	2	Gramps Bugtracker Doug Blank	GedcomExtensions.addon.tgz
Tree Reports:	Report		A group of 5 Tree reports that use LaTeX genealogytree (the Pedigree and genealogical tree diagrams package) to create professional looking trees for the active person. Four report are available. Requires: texlive/texlive-pictures and texlive-fontextra	Developer Expert user Intermediate user	3	Gramps Bugtracker Nick Hall	GenealogyTree.addon.tgz
Geneanet import for Gramps	Tool		A tool that allows you to import Geneanet ascendants and descendants of a selected person into Gramps. Requires both the Request and 1.xm.1 prerequisites to work.	All	3	Bruno Cornec	GeneanetForGramps.addon.tgz
GetGOV	Gramplet		Download places from the GOV genealogical gazetteer .	Expert user	2	Gary Griffin	GetGOV.addon.tgz
GoogleEarth	Mapservice		Show places with GoogleEarth..	All	3	Peter Landgren	GoogleEarthWriteKML.addon.tgz
SQLite Export SQLite Import	Exporter/Importer		A Gramps exporter and importer that will export/import your Family Tree as a fully-relational SQLite database.	Expert users	3	Gramps Bugtracker Doug Blank	Sqlite.addon.tgz
Graph View	View		A Graph category View Mode that can display the active persons ancestor tree and descendant tree. Requires PyGoocanvas and Goocanvas.	All	3	Gramps Bugtracker Gary Burton	GraphView.addon.tgz

Edit Image Exif Metadata	Gramplet		Gramplet to view, edit, and save image Exif metadata.	All	3	Rob G. Healey, Paul Culley	editexifmetadata.py
Headline News	Gramplet		Shows Gramps breaking news, once a day.	All	4	Gramps Bugtracker	HeadlineNewsGramplet.add
House Timeline	Gramplet		Lists the Residents of an Address by Timeline	All	4	Gramps Bugtracker	HouseTimelineGramplet.add
H-Tree Pedigree	View		A Graph category View Mode with an H-tree based layout that can be used to display ancestral trees.	All	3	Gramps Bugtracker	HtreePedigreeView.addon.tgz
Import Text	Gramplet		Interface to import text directly in the following formats: CSV (spreadsheet input), Gramps XML, VCard.	Developers	2	Gramps Bugtracker Doug Blank	ImportGramplet.addon.tgz
Import and Merge tool	Tool		Compares a Gramps XML database with the current one, and allows merging of the differences.	All	4	Paul Culley	ImportMerge.addon.tgz
Information Graph	Report	N/A	Generate detailed GraphViz graphs by spidering over the database.	All	0	Bob Ham	GVInformationGraph.py
Interactive Family Tree	Tool		Opens an interactive tree in the browser. This tool uses the Topola Genealogy Viewer to display the family tree.	All	4	GitHub issue tracker	Topola.addon.tgz
Last Change	Gramplet and Report		A gramplet and report to display the last ten records changed in the open family tree. The gramplet only displays persons, while the report can display changed families, places, and events too.	All	1	Jakim Friant	LastChange.addon.tgz

Generic DB Access lib	Library	<p>From https://github.com/lewisf/lineaccess</p> <p>This form takes a list of getting listed in a regular Gynoph. You need to read the file to know the names of the tables in standard Gynoph. There are some more...</p>	The Generic DB Access lib (AKA libaccess) is an experimental library that provides generic access to the database and the gen.lib interface.	Developer	1	Gramps Bugtracker Doug Blank	libaccess.addon.tgz
Life Line Ancestor Chart Life Line Descendant Chart	View		A Graph category View Mode which shows individuals as lines in an ancestor or descendant chart along a time span.	All	3	Gramps Bugtracker CWSchulze	
Lines of Descendancy Report	Report	<p>Lines of Descendancy from Gynoph to Gynoph, Last Father</p> <ul style="list-style-type: none"> 1. Lines of Descendancy 2. Lines of Descendancy 3. Lines of Descendancy 4. Lines of Descendancy 5. Lines of Descendancy 6. Lines of Descendancy 7. Lines of Descendancy 8. Lines of Descendancy 9. Lines of Descendancy 10. Lines of Descendancy 	Prints out all descendancy lines from a given ancestor to a given descendant in text.	All	2.5	User:Lec (e-mail)	LinesOfDescendancy.addon.
Merge Media	Tool		Searches for Media entries that point to the same media file and merges them together.	All	4	Paul Culley	MediaMerge.addon.tgz
Media Verify	Tool		Verify a one-to-one relationship between media objects and files in the media directory. The main purpose of the tool is to locate files that have been moved and fix the paths.	All	4	Gramps Bugtracker	MediaVerify.addon.tgz
MongoDB	Database	N/A	MongoDB database backend support. For Experts only! This is an Experimental Unreleased addon.	Developer	2	Gramps Bugtracker	MongoDB.addon.tgz
Network Chart	Website		Generate a single graph showing connectivity between individuals	Expert user	3	Mark B.	NetworkChart.addon.tgz
Note Gramplet	Gramplet		A data entry gramplet for notes.	All	3	Gramps Bugtracker Doug Blank	NoteGramplet.addon.tgz
Note Cleanup	Tool		A tool to clean up html and convert to Styled Text in notes. Also converts Web links to Styled text.	All	3	Paul Culley	NoteCleanup.addon.tgz
Number of descendants	Quickview		Shows the number of descendants of the current active person	All	4	Gramps Bugtracker Reinhard Müller	NumberOfDescendantsQuick

Participants	Gramplet		Display the participants in an event.	All	4	Gramps Bugtracker	Participants.addon.tgz
Pedigree Chart	Report		A version of the classic pedigree chart that is suitable for printing. (Can optionally use -numpy if installed)	All	1	Jakim Friant	PedigreeChart.addon.tgz
PersonEverything Report	Report		Show absolutely everything about one person, including all events, notes, citations, sources, attributes, media and the family information about the families they are involved in.	All	4	Gramps Bugtracker	PersonEverything.addon.tgz
Photo Tagging	Gramplet		Enables tagging people in photographs, i.e. associating regions of images with Gramps persons. (Requires: OpenCV(for automatic face detection)& Numpy)	All	4	Gramps Bugtracker	PhotoTaggingGramplet.addc
Place and Coordinates	Gramplet		Gramplet simplifies setting the coordinates of a place and also provides an additional Geography category View Mode .	All	3	Christian Schulze	PlaceCoordinateGeoView.py
Place Coordinate Gramplet view	View						
Place Cleanup	Gramplet		Place Cleanup Gramplet assists in merging places, as well as completing places from the GeoNames web database.	All	3	Paul Culley	PlaceCleanup.addon.tgz
PlaceCompletion	Tool		A tool to fill in places.	All	3	Gramps Bugtracker	PlaceCompletion.addon.tgz

PlaceUpdate	Gramplet		Gramplet to manipulate multiple places.	All	3	Kari Kujansuu Gramps Bugtracker	PlaceUpdate.addon.tgz
PostgreSQL	Database	N/A	PostgreSQL database backend support.	Expert User	2	Gramps Bugtracker	PostgreSQL.addon.tgz
Prerequisites Checker	Gramplet		Diagnostic tool to help work out if users have the required prerequisites installed as well as the latest version of Gramps.	Expert user	1	Gramps Bugtracker	PrerequisitesCheckerGramplet
Python Shell	Gramplet		Interactive Python Shell	Developer	4	Gramps Bugtracker	PythonGramplet.addon.tgz
Plugin Manager Enhanced	Plugin lib and Gramplet		A Plugin manager with additional capabilities	All	4	Paul Culley	PluginManager.addon.tgz
Sources and Citations Report	Report		A text report for source and citations with notes.	All	4	Gramps Bugtracker	SourcesCitationsReport.add
Sync Associations	Tool	N/A	Add reciprocal Associations if missing. Provides a compact way of describing the main surnames found in a family genealogy, which can be read by humans and matched by computers using a Tafel Matching System.	All	2	Gary Griffin	SyncAssociations.addon.tgz
Tiny Tafel (Liste éclair)	Report			All	4	Gramps Bugtracker Eric doutréau	ListeEclair.addon.tgz
Query Gramplet	Gramplet and Report		A SQL-like query system.	All	1	Gramps Bugtracker Doug Blank	Query.addon.tgz
Quilt Chart	View		A Graph category View Mode that presents your family tree in the form of a grid.	Expert users	3	Gramps Bugtracker Serge Noiraud, Nick Hall	QuiltView.addon.tgz

Related Relatives	Gramplet		Display all persons in the database with a relation to a relative.	All	1	Heinz Brinker	RelatedRelativesGramplet.ac
Add/Remove Tag Tool	Tool		The Add/Remove Tag Tool allows you to add or remove one tag from a selected set of filtered objects e.g. people.	All	4	Matthias Kemmer	RemoveTagTool.addon.tgz
Repositories Report	Report		A set of Text reports to list repositories and their related sources information, All useful when going to a repository (like an archive).	All	3	Gramps Bugtracker Jérôme Rapinat	RepositoriesReport.addon.tgz
Set Attribute	Tool		A tool for setting attributes and their values on people.	All	2	Gramps Bugtracker Doug Blank	SetAttributeTool.addon.tgz
Theme preferences	Settings		An addition to Preferences for simple Theme and Font adjustment. Especially useful for Windows users.	All	3	Paul Culley	Themes.addon.tgz
This Day in Family History	Gramplet		Display the upcoming a concise report of the user defined list of events that happened on this day and month.	All	1	Stephen Adams	ThisDayInFamilyHistory.ad
Thumbnail Generator	Tool		Generates thumbnails for media files.	All	3	Nick Hall	ThumbnailGenerator.addon.i
Type Cleanup	Tool		A tool to Remove unneeded custom Types.	All	4	Paul Culley	TypeCleanup.addon.tgz
Timeline	Quickview		Shows timeline of events in immediate family members' lives	All	4	Gramps Bugtracker Doug Blank	TimelineQuickview.addon.tgz
Timeline Pedigree View	View		A Graph category View Mode showing Pedigree timeline and relationships.	All	3	Gramps Bugtracker Doug Blank	TimelinePedigreeView.addo
ToDo Report	Report		Tag notes as ToDo (or anything else) and you can generate a report with the notes and the records they are attached to. Another way of maintaining a to-do list within Gramps.	All	1	Jakim Friant	ToDoReport.addon.tgz

[Web Connect](#)

[Pack](#)

DE Web Connect

Pack

FR Web Connect

Pack

NL Web Connect

Pack

RU Web Connect

Pack

SV Web Connect

Pack

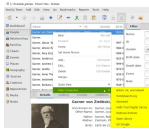
UK Web Connect

Pack

US Web Connect

Pack

Library



Collection of Web sites for various countries (DE/FR/SV/UK/US) All 4 Only install the country you need. (* Requires libwebconnect)

[libwebconnect.addon.tgz](#)
[DEWebConnectPack.addon.tgz](#)
[FRWebConnectPack.addon.tgz](#)
[SVWebConnectPack.addon.tgz](#)
[UKWebConnectPack.addon.tgz](#)
[USWebConnectPack.addon.tgz](#)

[Gramps Web Sync](#)

Tool



Gramps Web Sync is an addon for Gramps that allows to synchronize your Gramps database on your desktop computer with Gramps Web, including media files. Intermediate user 3

[DavidMStraub/gramps-web-sync issues](#)
[GrampsWebSync.addon.tgz](#)


Manually installed Addons

A few addons have to be installed manually. Some are scripts and need to be installed as described in the documentation provided with that addon. Some are still in the exploratory stage and have not yet been published to the list used by the [Addon Manager](#).

Addons in the exploratory stages tend to be initially posted to the [GitHub Gramps-Project repositories](#) and have to be manually installed. Be certain to backup your Tree before installing anything. There is a potential for data loss with such preliminary versions.

1. Download the compressed file. (Click on a download link from the list of Addons below; or for unpublished exploratory addons, select the **Download ZIP** option from the `<> Code` button's menu in their GitHub repository)
2. Open the compressed file (* .ZIP; * .gz; * .tgz / etc ...using [7-Zip](#)) and extract the contents to in your [Gramps User Directory](#), in the gramps52/plugins folder.
3. After manually installing any addons, it may be necessary to restart Gramps to register plug-ins again.

Addon/Plugin Errors



Any addons/plugins which failed to load can be identified in the [Help > Plugin Manager](#). View the *Status* column and double-click on any entry that shows an error. Some may rely on [prerequisite modules](#) that need to be installed.
 You can report any errors to the plugin contact.

Plugin / Documentation	Type	Image	Description	Rating Use (out of 4)	Contact	I
InformationGraph	Report	N/A	Generate detailed GraphViz graphs by spidering over the database. The InformationGraph plugin only works with Gramps 3.2 For a similar report see the: Addon: PersonEverything Report	All 1	Bob Ham	GVInformatio
Handle.bash	External utility	<code>\$ bash handle.b</code>	A bash script which makes it possible to work with multiple databases merging select branches at will without collisions.	All 3	User:Lcc (e-mail)	Handle.bash.t

Gramplets:

- Isotammi configuration
- Dates
- Position tool

Rules:

- Events with an invalid date
- Events with a valid date

Tool:

- Generate source references based on more information

[Isotammi addons](#) project addons

<http://wiki.isotammi.net/wiki/Gramps-jaajennukset> <https://github.com/laajennukset/addons>

Addons for other versions of Gramps

Addons for other versions of Gramps can be found on the following pages

- [5.1 Addons](#)
- [5.0 Addons](#)
- [4.2 Addons](#)
- [4.1 Addons](#)
- [4.0 Addons](#)
- [3.4 Addons](#)
- [3.3 Addons](#)
- [3.2 Addons](#)
- [3.1 Addons](#)
- [3.0 Addons](#)
- [2.2 Addons](#)

See also

- The **5.2 Addons Offline Manual** is available for review at ([English 18 MiB PDF](#))
- [Gramps 5.2 Wiki Manual - Command Line](#)
 - [Plugins Command Line](#) (Needs to be incorporated into user manual)
- [Built-in Gramplets](#) - Gramplets
- [Rule expansions](#) (3rd party addons to supplement [built-in rules](#))
- Inspect the current updates `/listings/addons-en.json` file in the **Where to check:** <https://raw.githubusercontent.com/gramps-project/addons/master/gramps52> URL in the [Third party addons management](#) in the **General** tab of the **Edit ⇒ Preferences**
- [Discourse forum thread](#) discussing how the addons.txt (From 5.2 now called "addons-en.json") entries are generated
- The [Isotammi project addons](#) list.

Writing an Addon/Plugin

- [Addons development](#)
- [Writing a plugin](#) for general information on developing addons
- [Report-writing tutorial](#)

Rule expansions

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

Rule Amendments

Changes to Rules are inconspicuous



New built-in Rules appear without any fanfare. Plus there are so many of them, grouped in so many subcategories that they may remain concealed. Addons require downloading and installation, so the addon Rules have more visibility than the builtins. Plus they can be searched as a category in the Plugin Manager.

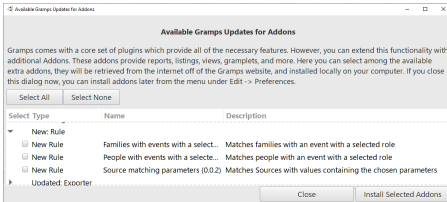


Fig. Addons (Rules).1 Preferences: Check for Updated Addons showing Rules

Rules are the basic building blocks of custom [Filters](#). A wide variety of [rules have been built-in for creating custom filters in each category](#).

The following of add-on Rule collections have been gathered released as "Packs" of rules:

- FilterRules - documentation, [GitHub repository](#)
- FilterRules2 - documentation, [GitHub repository](#)
- Generic rules (SuperTool) - (separate entries under each object category, for use with with custom rule code generated by SuperTool) - [documentation](#), [GitHub repository](#)

With the release of [Gramps version 5.1](#), the first addon Rules were [posted as examples of coding a Filter Rule addon](#). [Installing similarly to any other addon](#), a New Rule appears as a menu item within [Add Rule dialog](#) while [Defining a custom Filter](#).

Filters created with these Rules can be tested, cloned or deleted using the [Filter Editor](#). The dialog is invoked from the [Edit](#) menu in each Category view.

Locating Filter Rule AddOns

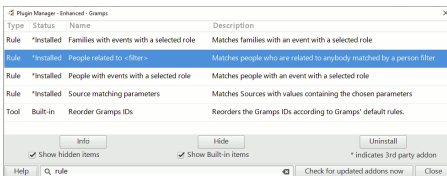


Fig. Addons (Rules).2 Search for **Rule** in the Enhanced Plugin Manager

The [Plugin Manager](#) can be used for more than installing and updating plug-in modules. It can help you discover the growing capabilities that might not be obvious.

Open the **Plugin Manager** from the **Help** menu and use its Search box to filter the view to only those addons which have a row or filename which include the 'Rule' term.

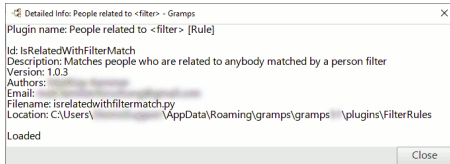


Fig. Addons (Rules).3 Info on 'People related to <filter>' addon Rule

Addon Rules that have been peer-reviewed will be added to Gramps' Update Manager system. This automates the installation process

When manually installed, each addon rule's Python source code (.py) file and Gramps Plugin Registration (.gpr.py) file will be located in the \gramps5.2\plugins\FilterRules\ subdirectory of your [User Directory](#)

Looking at the Info on any currently installed Rule will verify the file location where addon rules have been installed.

Addon Rules

Rules are added in sets/groups via the Plugin Manager. All the Rules in a set are added/removed when any Rule in that set is added/removed.

Each set supports Multilingual internationalization services through [.po and .pot](#) files using gettext.

In the few months that addon Rules have been a feature, two sets of rules have been collected:

Individual Rules

Active Person

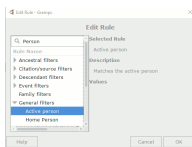


Fig. Addons (Rules).4 Searching for *person* rules

General filters [addon](#) rule to find the [Active Person](#). Available for **Person**, **Relationships**, **Charts**, **Geography**

This is a useful "basic" rule for use in compound filters.

Also see:

- the [Home Person filter rule](#).

Isotammi Add-on Rules

Rather than distributing through the Gramps open source project, the [Taapeli Project](#) (which is a national database of Finnish Genealogical Society) curates [their own set of "Isotammi lisäosia"](#): "Big Oak (the mythological World Tree) add-ons" for Gramps. The [add-on manager installation](#) files are hosted separately.

Besides an initial experiment distributing a rule, they created the [SuperTool](#) for directly executing queries and building custom query rules used by a "Generic <Object> filter" in each category view.

- [Events with an invalid/valid date](#)
- [Generic <Object> filter](#)

FilterRules : Plugin Manager Rulebook Collection

General Filter Rule Addons

People related to <filter>

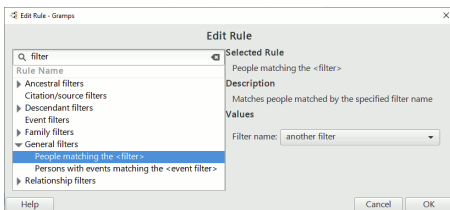
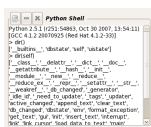


Fig. Addons (Rules).5 Searching by Rule name

Person • General filters [addon](#) rule to find **Person(s)** matching a specified filter. Matches people who are related to anybody matched by a person filter.



isrelatedwithfiltermatch provided as [sample .gpr.py & .py code for writing addon filter rules](#). Demonstrates piping the output of one custom Filter into another.

People with events with a selected role

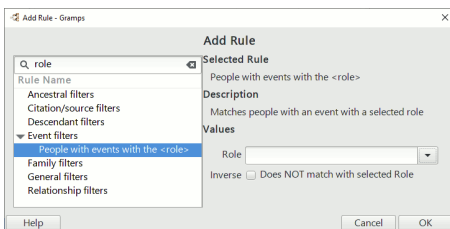


Fig. Addons (Rules).6 Searching for Person Rules which include the 'role' term.

Person • Event filters [addon](#) rule to find **Person(s)** having any **Event** with a specified **Event Role**.

This rule is particularly useful to search for people with Events having an "**Unknown**" event role. An **Unknown** role *always* a placeholder that should be resolved as soon as possible.

Families with Events with a selected role

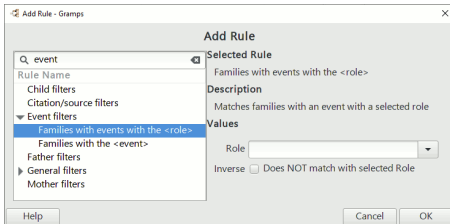
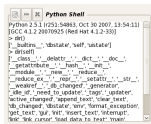


Fig. Addons (Rules).7 Searching by Rule name

Families • Event filters [addon](#) rule to find **Families** having any Family member or shared Family level **Event** with a specified **Event Role**.



hasrolerule provided as [sample .gpr.py & .py code for writing addon filter rules](#). Demonstrates including category variants of a rule in the same addon.

Source matching parameters

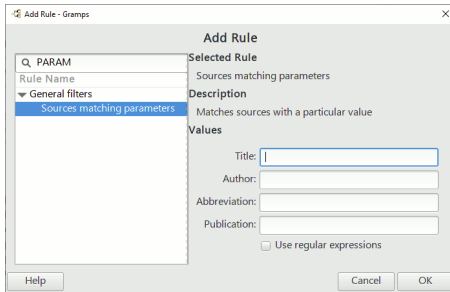


Fig. Addons (Rules).8 Searching by Rule name

Sources • General filters [addon](#) rule to find [Sources](#) based on the following parameters: *Title, Author, Abbreviation, Publication*.

This addon rule has similar options to the standard Filter Gramplet for the [Source Category View](#). It can be used to save complex filter parameters.

```
Python Shell
Python 2.7.12 (tags/b3e62643 Oct 10 2017; 11:54:11)
[InC 4.2.20190205 (Free-Net 4.2.2-2019)]
> WRD
1: addRule('Sources matching parameters')
2: addRule('Sources matching parameters')
3: addRule('Sources matching parameters')
4: addRule('Sources matching parameters')
5: addRule('Sources matching parameters')
6: addRule('Sources matching parameters')
7: addRule('Sources matching parameters')
8: addRule('Sources matching parameters')
9: addRule('Sources matching parameters')
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100: addRule('Sources matching parameters')
```

hasresourcefilter provided as sample [gpr.py](#) & [py](#) code for [writing addon filter rules](#). Demonstrates text based filtering with RegEx options.

People Separated less than <N> degrees of <Home person>

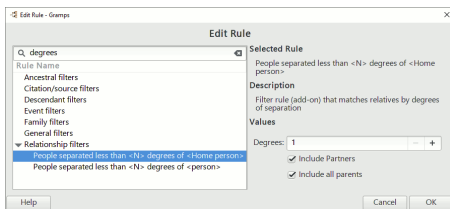


Fig. Addons (Rules).9 Searching for Person Rules which include the 'degrees' term.

Person • Relationship filters [addon](#) rule to find [Person\(s\)](#) having a relationship to the [Home Person](#) within a specified degree of [Consanguinity](#) and [Affinity](#).

The [Home person](#) is point of reference for calculating (<N>) Degrees. For N, Minimum value is 1, Maximum is value 32.

- **Degree 1:** person/spouse + children (<zero N> ancestors, because the selected person is generation 1 + 1N descendants)
- **Degree 2:** person plus person's parents, siblings, niece/nephew, children, grandchildren, etc. (= 1N ancestors + 2N descendants)
- **Degree 3:** persons grandparents and 3 generations down. (= 2N ancestors + 3N descendants).

The ancestors and descendants generations have an offset of 1 to mimic the built-in filter rule behavior. Early versions of this rule optionally included partners and non-primary parents. Those relatives are now always included.

This Rule may need to manually downloaded and installed: see the source code files on the [GitHub Repository](#)

People Separated less than <N> degrees of <person>

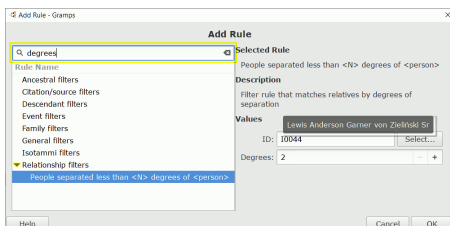



Fig. Addons (Rules).10 Searching Person rules by 'degrees' term; roll-over hint for ID.

 **Person • Relationship filters** [addon](#) rule to find [Person\(s\)](#) having a relationship to a specified Person within a specified degree of [Consanguinity](#) and [Affinity](#).

The Person corresponding to the ID is the focal point of reference for calculating (<N>) Degrees. For N, Minimum value is 1, Maximum is value 32.

- **Degree 1:** person/spouse + children (<zero N> ancestors, because the selected person is generation 1 + 1N descendants)
- **Degree 2:** person plus person's parents, siblings, niece/nephew, children, grandchildren, etc. (= 1N ancestors + 2N descendants)
- **Degree 3:** persons grandparents and 3 generations down. (= 2N ancestors + 3N descendants).

The ancestors and descendants generations have an offset of 1 to mimic the built-in filter rule behavior. Early versions of this rule optionally included partners and non-primary parents. Those relatives are now always included.

Early versions of this rule optionally included partners and non-primary parents. Those relatives are now always included. See the [GitHub Repository files](#)

Events of families matching a <family filter>

Events of families matching a <family filter>

Families matching <event filter>

Matches families that are matched by an event filter


People who are part of families matching <filter>

People who are part of families matching <filter>

Filter people by their age at death

Match associations of <person filter>

People with multiple parent records

 **Person • Family filters** [addon](#) rule that matches people who have more than one set of parents.

[FilterRules2](#) : Plugin Manager Rulebook Collection

Genetic Genealogy Filter Rule Addons

The following rules are based on the logical rules of genetics, not on comparing DNA data.

Matrilineal progenitrix of <person>

Matches the earliest recorded matrilineal ancestor mother.

Mitochondrial inheritance of <filter>

Matches recorded descendants of a filter result following mitochondrial inheritance patterns.

Mitochondrial inheritance of <person>

Matches recorded descendants of person following mitochondrial inheritance patterns.

Patrilineal progenitor of <person>

Matches the earliest recorded patrilineal ancestor father.

X-chromosomal ancestors of <person>

Matches ancestors of <person> following a X-chromosomal inheritance pattern.

X-chromosomal descendants of <person>

Matches descendants of <person> following a X-chromosomal inheritance pattern.

Y-chromosomal inheritance of <person filter>

Matches recorded descendants of a filter result following Y-chromosomal inheritance patterns.

Y-chromosomal inheritance of <person>

Matches recorded descendants of person following Y-chromosomal inheritance patterns.

Pre-Release Rules

Descendants of <person> sharing yDNA with each other

Matches descendants of a <person> sharing yDNA

The Evolution of of Rules as AddOns

Gramps 5.1.1 (Sept. 2019)

- Fix bug [0011114](#): resolve crashes in withinarea filter rule:

Avoid bad coordinates in the ref place

Avoid alphabetic characters in filter rules

Could not convert string to float by using withinarea filter rule

Difference between sidebar filter and filter rule

Fix Bug [0011293](#) Fix internationalization issue where untranslated English GUI items appear in Event filter

Gramps 5.1.0 (Aug. 2019)

- **New feature : Filter Rules can now be expanded through the [addons](#) interface.**
- Filter Rule editor, save pane position
- Fix Bugs [0007950](#) and [0011430](#): Name Filter rule now supports multiple attribute: Check all values of an attribute type and not only the first one
- filters rule have children person filter: Check all families of a person for children and not only the first
- Person Sidebarfilter:

Fix Person Sidebarfilter when using 'Event' and Reg expressions

In persidebarfilter, search on each part of name Instead of requiring that the entire search string matches a single one of the Person's names, the function will require that each word in the search string matches any of the Person's name fields.

- Fix exception when merging with active sidebar filter

Gramps 5.0.2 (Aug. 2019)

- Fix bug [0010509](#): resolves silent fail - relationship path between filter rule when parent is missing
- Fix crash when using sidebar filter and merging in another view
- Fix Place Tree view when using enclosed by sidebar filter
- Fix Relationship Graph; extra people when using filters & subgraphs

Gramps 5.0.1 (Dec. 2018)

- Fix bug [0010685](#): resolves crash in IsDuplicatedAncestorOf filter rule on tree loop
- Fix Person Sidebarfilter when using 'Event' and Reg expressions
- Fix FilterParser for much older 3.x custom_filters.xml files
- Fix crash when a filter with loop in definition is defined
- Fix view so column widths are preserved when using filters

Gramps 5.0.0 (Jul. 2018)

- Fix Custom filter update when created via sidebar.

Developing New Rule AddOns

Beginning with version 5.0, Gramps implemented a database API (application programming interface) infrastructure supporting user selectable backends. This new exploration of database support lead developer to extend the addon (plug-in) framework to support expanding Filter Rules via the Plugin Manager.

The 5.1 release changed the default database backend from [BSDDB](#) (Berkeley database) to SQLite. With the broader group of user familiar with optimizing searches, it made sense to open Gramps to the specialized knowledge.

Resources

- [Develop an Add-on Rule](#)
- [Sample addon Filter code](#)

See also

- [Built-in rules by category](#)
- [Git introduction](#)
- [Built-in Rules Source code](#) (Git)
- [Addon Rules Source code](#) (Git)
- [Gtk+ widget gallery](#) - Gnome development sample code
- [downloadable .tgz files](#) (Git)

- [Addons Development](#)
 - [Writing a Plugin](#)
 - [Policy for Committing code contributions](#)
 - [Gramps-devel]: [Filter rules as plugins?](#)
 - [Gramps-users]: [A question on writing filters](#)
 - [Gramps-devel]: [New filter rules on Names](#)
 - [Gramps-devel]: [Sequencing of filter rules?](#)
 - [Gramps-devel]: [filter rules](#)
 - [Gramps-users]: [Gramplet writing - newbie help needed](#)
- based on the [Gramps-users](#) archived threads:

[The Group As name override](#)
[unify similar surnames thread](#)
[threads with "Group As name"](#)

AddRemoveTagTool

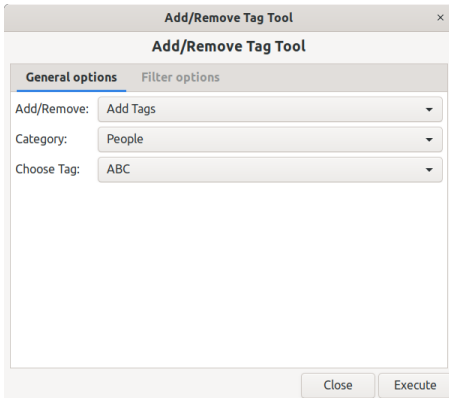
This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



The Remove Tag Tool was enhanced to also Add tag's and renamed to the Add/Remove Tag Tool



Add/Remove Tag Tool - General options dialog

The **Add/Remove Tag Tool** allows you to add or remove one [tag](#) from a selected set of filtered objects e.g. people, events, etc.

Usage

Once this addon has been installed:

Verify the target Tag exists (or is created) *before* using the Tool. Use the [Edit ⇒ Tags ► Organize Tags...](#) menu command to invoke a dialog (to create at tag, choose a tag color and re-order the tags) so that the new tag will be higher priority.

- Select Menu [Tools ⇒ Family Tree Processing ► Add/Remove Tag Tool...](#)

Undo history warning

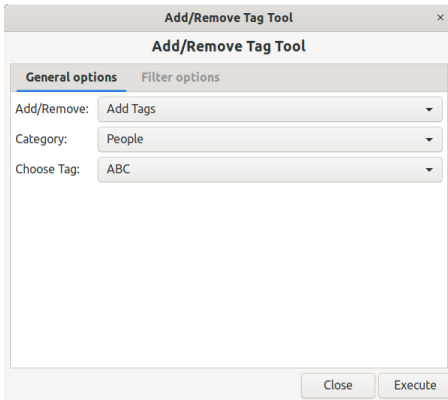


Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and [backup](#) your database.

- From the **Undo history warning** dialogue you can choose [Stop](#) or [Proceed with the tool](#).
- Once you have made your choices which tag should be removed from which objects, you can either choose [Close](#) or [Execute](#) to apply the change.

Tabs

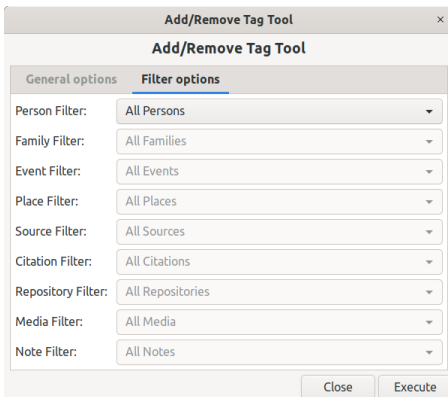
General options tab



Add/Remove Tag Tool - General options dialog

- The **General options** tab is displayed with the following:
 - **Add/Remove Filter:** Select if you want to add or remove a tag.
 - **Category Filter:** The category from where you want to add/remove a tag from e.g. people.
 - **Tag Filter:** The name of the tag you choose to add/remove.

Filter options tab



Add/Remove Tag Tool - Filter options dialog

- The **Filter options** tab is displayed with the following (Each filter is only select-able when the corresponding category is selected on the General options tab):
 - **Person Filter:** All persons or a custom filter to restrict the amount of persons where you want to remove the tag from.
 - **Family Filter:** All families or a custom filter to restrict the amount of families where you want to remove the tag from.
 - **Event Filter:** All events or a custom filter to restrict the amount of events where you want to remove the tag from.
 - **Place Filter:** All places or a custom filter to restrict the amount of places where you want to remove the tag from.
 - **Source Filter:** All sources or a custom filter to restrict the amount of sources where you want to remove the tag from.
 - **Citation Filter:** All citations or a custom filter to restrict the amount of citations where you want to remove the tag from.
 - **Repository Filter:** All repositories or a custom filter to restrict the amount of repositories where you want to remove the tag from.
 - **Media Filter:** All media or a custom filter to restrict the amount of media where you want to remove the tag from.
 - **Note Filter:** All notes or a custom filter to restrict the amount of notes where you want to remove the tag from.

Issues

- No help link to this page.

See also

- [Tagging](#)

All Names Quickview

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following: [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.

This Addon/Plugin system is controlled by the [Plugin Manager](#).

Name	Primary Name	Name Type
أحمد ,	[12111] أحمد ,	Birth Name
أم كلثوم ,	[12109] أم كلثوم ,	Birth Name
الفاطم ,	[12107] الفاسم ,	Birth Name
خديجة ,	[12106] خديجة ,	Birth Name
ربحانة ,	[12112] ,	Birth Name
صالح ,		Birth Name
عائشة ,		Birth Name
عبد الله ,		Birth Name
عبد الله ,	[12108] عبد الله ,	Birth Name
محمد ,	[12110] محمد ,	Birth Name
Abbott, Frances	Abbott, Frances [1004]	Birth Name

All Names of All People - Quickview - results window

The **All Names of All People** - Quickview shows:

- All names of all people
- The associated primary name
- The type of name

These events are sorted by name, but can be sorted by any column by clicking the column header.

You can activate the Quickview by right-clicking on a person's name in the [People Category View](#), and selecting "Quick View", and "All Names of All People".

Gramplet

You can also use the Quickview as a Gramplet:

1. select the Dashboard Category View
2. right-click in an open area, and select "Add a gramplet"
3. left-click on "Quick View" Gramplet"
4. Select "Configure the active view" from the toolbar and then select the "Quick View" tab
5. Select View Type: "Person", and select the appropriate Quick View, and press "Save"
6. Close the "Configure the active view" dialog

Functionality

Double-click a row in the Quickview to bring up a dialog showing the person associated with the name.

Issues

- Quickview dashboard link does not work.

AncestorsMap

This is a **Third-party Addon**.

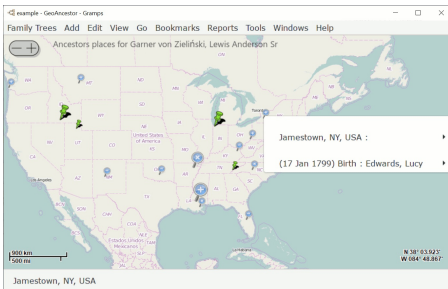


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

View does not display places without coordinates



Note that, like all [Geography View](#) modes, ONLY the Places with a defined [Longitude & Latitude](#) will be plotted.



Ancestors Map Geography view

This [Geography Category](#) addon view mode plots tagged pins on a Map at the Places associated with Ancestors of the [Home Person](#).

Ancestors Map is an interactive [Geography](#) category view addon that overlays pins for certain known Places on downloaded Map tiles.

Usage

Navigate the [Active Person](#) selection before changing to the [Geography](#) Category view to map the Event Places associated with a different Person's Ancestors.

An interaction in the 1.0.3 version of the Addon with the Relationship view may cause the Map to fail to focus on a new Active Person. Use the Person View or Bookmarks to navigate this selection to a different person.

There are 4 pin types:

Still looking for correct pins. This map use left-handed versions of the normally right-handed magnifying glass.

Pin	Description	Place types
	Zoom-in Magnifying glass	Places with Birth Events
	Zoom-out Magnifying glass	Places with Death Events
	Magnifying glass pins with an X	Places with Marriage Events
	Green Push pins	Places with multiple Event types

Right-click on a map pin to reveal a pop-up menu listing the Events & People at that Place.

⚙ Configuration Options

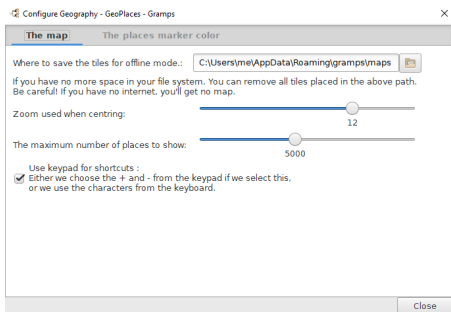


Fig. .1 Configure Geography - "The map" tab

The Ancestors Map has the standard [Map configuration](#) options.

See the Geography view [introduction to using maps](#).

Troubleshooting

Places of Ancestor Events that do not appear as pins on the map are probably missing the correct GPS longitude and/or latitude. Determining which Places are missing and need correction can be finicky work. This is most easily done with custom filters... but it takes multiple stages.

The objective is to find the Places of Events of Ancestors of the [Home Person](#). That's 4 stages of filtering.

You can set up a [multi-stage of filter](#) that shows only Places for Ancestors & [configure the Places Category view](#) to show the Longitude & Latitude columns. This will tell you how many of Ancestor related Places will be omitted from being plotted on the map.

For this multi-stage custom filter, create the following Cascade of custom filters:

1. Create a Person custom Filter "ActivePerson" using the "Active Person" addon Person General rule.
2. Person custom Filter "ActiveAncestors" using [Ancestral filter](#) "Ancestors of <filter> match"; filter=ActivePerson
You might add a 2nd rule to include the Active Person and then select the "At least one rule must apply" option. Otherwise, the Events & Places of the Active Person might be omitted
3. Events custom Filter "ActiveAncestorEvents" using [Events General filter](#) "Events of persons matching the <person filter>"; person filter=ActiveAncestors
4. Places custom Filter "ActiveAncestorEventPlaces" using [Places General filter](#) "Places of events matching the <event filter>"; event filter=ActiveAncestorEvents

Making Filters that are more reusable

You could build this using a Person custom filter set to the built-in Default Person (a.k.a. [Home Person](#)) General rule. That would more directly correspond to this addon Geography view mode.



But a custom Filter using the "Active Person" addon Person General rule is much more flexible. It stays synchronized to the Person being edited instead of continually resetting the Home Person designation or editing a rule that had been preset to a specific PersonID.

Download and use the incredibly useful addon Person General Rule that was created in early 2020. It replaces the awkward PersonID based rules and makes Custom Filters MUCH more dynamic. Thanks Paul!

Credits

Shared by Serge Noiraud

Errata

Bug Report [0011681](#): [Ancestors Map] view mode re-initializing incorrectly (1.0.3 Addon version)

AttachSourceTool

This is a [Third-party Addon](#).



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Attach Source Tool - Options (defaults) - dialog

The **Attach Source** Tool allows you to add a new or existing sources to the entire database or selected set of filtered people.

Usage

- Once this addon has been installed
- Select Menu **Tools > Family Tree Processing -> Attach Source...**

Undo history warning



Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and backup your database.

- From the **Undo history warning** dialog you can choose [Stop](#) or [Proceed with the tool](#).
- The **Options** tab is displayed with the following:
 - **Person Filter:** **Entire Database**(default)
 - **Filter Person:** defaults to the Active Person.
 - **Source type:** **New source**(default), or **Existing source**.
 - **New Source Title:** Empty textbox by default, that you can type your source details into.
 - **Existing Source ID:** Empty textbox by default, that you can type in the number of an existing source.

Once you have made your choices for the source to be attached you can either choose [Close](#) or [Execute](#) to apply the change.

After the change has been made the **Results** tab will become available where you can change and examine the final results.

Once finished select [Close](#).

Issues

- Missing a Help button pointing to this page [???](#)
- Fixed "Results" tab that does not expand as dialog is maximized. [???](#)
- Selecting "Execute" a second time with no changes creates a duplicate source for "New Source", probably should give a warning. [???](#)

Future plans

- Add attach source to multiple events using the AttachSourceTool [4257](#)
- Add sources to types of objects other than people (media, events, etc) [???](#)
- Be able to reverse/undo a run or provide a dry run option that shows the results of what would be changed [???](#)
- Add a method to select the source ID from a popup dialog [???](#)

AvatarGenerator

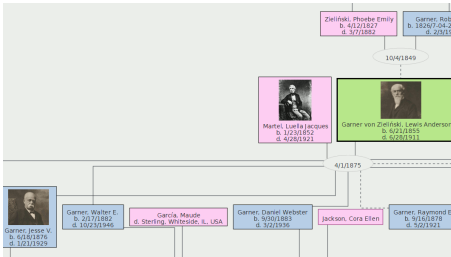
This is a **Third-party Addon**.



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Unless otherwise stated on this page, you can download this addon by following: **these instructions**:

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Before and After Example from [Addon:Graph View](#) after using Avatar Generator Tool

The **Avatar Generator Tool** allows you to add and remove one or several images for a selected set of filtered people.

Usage

Once this addon has been installed:

- Select Menu **Tools > Family Tree Processing > Avatar Generator Tool...**

Undo history warning



Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and [backup](#) your database.

- From the **Undo history warning** dialogue you can choose **Stop** or **Proceed with the tool**.

Avatar Generator Tool - Options dialogue

- The **Options** tab is displayed with the following:
 - **Category**: - Filter **single image mode** or **male/female/unknown**
 - **Unknown**: - Image selection used for all people with option **single image mode** or people with unknown gender with option **male/female/unknown**
 - **Male**: - Image selection for males (only used with option **male/female/unknown**)
 - **Female**: - Image selection for females (only used with option **male/female/unknown**)
 - **Person Filter**: - **Entire Database**(default)
 - **Center Person**: defaults to the Active Person.
 - **[] Remove images from people**: False (default) checkbox.

Once you have made your choices the image or images that should be attached as avatar images, you can either choose **Close** or **Execute** to apply the change.

Tips

Predefined person filters like 'whole database' or 'ancestors of person X' as well as custom person filters like 'persons with tag Y' are used for filtering. By filtering different person groups or ancestor lines via person filters, it is possible to add different images to different lines of your ancestor tree. Please note that the Avatar Generator Tool only adds images to persons without media references within a selected group of people. Persons who already have media references are ignored.


Furthermore, it is possible to remove images from a group of filtered persons. In order to do so, the Avatar Generator Tool searches through the selected list of filtered people and removes the chosen image or images.

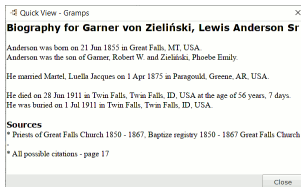
See also

- [\[GraphView\] add custom avatars #459](#)
[Themed avatar discussion](#)

Biography Quickview

This is a **Third-party Addon**.

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Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Biography quickview

The **Biography Quickview** shows a basic Biography based on the Events of the first **selected Person** in your Family Tree.

The [name](#), date, and [place](#) formats are controlled from the [Display tab](#) of the Preferences.


The biography text is based on the parents plus the dates and places of the following events with their sources:

- Birth
- Baptism
- Christening
- Marriage
- Death
- Burial

Example

Biography for Garner von Zieliński, Lewis Anderson Sr

Anderson was born on 21 Jun 1855 in Great Falls, MT, USA.
Anderson was the son of Garner, Robert W. and Zieliński, Phoebe Emily.

 He married Martel, Luella Jacques on 1 Apr 1875 in Paragould, Greene, AR, USA.

He died on 28 Jun 1911 in Twin Falls, Twin Falls, ID, USA at the age of 56 years, 7 days.
He was buried on 1 Jul 1911 in Twin Falls, Twin Falls, ID, USA.

Sources

- Priests of Great Falls Church 1850 - 1867, Baptize registry 1850 - 1867 Great Falls Church
- All possible citations - page 17

Usage

You can activate the Quick View by right-clicking on a person's name in the [People Category View](#). Then select **Quick View > Biography**.

Tips

- Quick Views can also be used within the [Quick View shell Gramplet](#).

BirthOrderTool

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.

This Addon/Plugin system is controlled by the [Plugin Manager](#).

Sort Children in Birth order - Gramps			
Family ID	Father	Mother	
* F0576	REED, Matthew (Matthew)	GIBBS, Mary (Mary)	
* F0243	BROCHER, David (David)	MORRISON, Nancy (Nancy)	
* F0121	WARREN, Capt. George (Capt.)	ALVAREZ, Mary (Mary)	
* F0143	BLANCO, Rufus (Rufus)	RODRIGUEZ, Mariam (Mariam)	
* F0205	REED, John (John)	GOODWIN, Sarah (Sarah)	
* F0043	REED, Francis Vincent (Francis)	TIXONOR, Catherine Virginia (Catherine)	
* F0418	BEAULIEU, Johann Simon (Johann)	HOLLAND, Anna Margaretha (Anna)	

Current sort		Proposed sort	
Name	Birth Date	Name	Birth Date
REED, Sarah (Sarah)	Apr 1906	REED, Michael (Michael)	
REED, Michael (Michael)		REED, Patrick (Patrick)	
REED, Peter (Peter)	about 1904	REED, Rose (Rose)	
REED, Patrick (Patrick)		REED, Bridget (Bridget)	
REED, Anastasia (Anastasia)	about 1914	REED, Mary Ann (Mary)	
REED, Catherine (Catherine)	about 1901	REED, Jane (Jane)	about 1898
REED, Rose (Rose)		REED, Catherine (Catherine)	about 1901
REED, Bridget (Bridget)		REED, Peter (Peter)	about 1904
REED, Mary Ann (Mary)		REED, Sarah (Sarah)	Apr 1906
REED, Jane (Jane)	about 1898	REED, Anastasia (Anastasia)	about 1914


Sort Children in Birth order - Tool - example window

The **Sort Children in Birth order** tool searches your database for families that have children which are not listed in the order of their births and assists in ordering them. Allows bulk updates of the children order.

Usage

- Once this addon has been installed
- Select Menu **Tools -> Family Tree Processing -> Sort Children in Birth order...**

Warning



Proceeding with this tool may make unexpected changes to your data. While it is possible to **Undo** the changes made by this tool, it may be easier to recover from a backup.

- When the tool starts, it scans you data for families that need sorting. A progress bar appears so that with large databases Gramps doesn't seem to be frozen. This does not make **any** changes to your data, and only performs the search and fills the panes if unsorted families are found. Families with children in birth order are not shown. If some children in a family don't have valid birth dates, but others are in order, the family is not shown.
- At this point the tool window with three main panes and some buttons should be visible.
 - The top pane will contain a list of the results of the search. If nothing appears here, then none of your families have unsorted children. Selecting a family from this list updates the data in the lower panes. It is also possible to sort this list for ID, Father, or Mother, using the header of the list.
 - The **Current Sort** pane (lower left side) will show the original unmodified list of children with their birth dates, if any. This cannot be changed.
 - The **Proposed Sort** pane (lower right side) will show the proposed changes to the children sort. If the user wants to make additional changes, they can be made directly in the pane. Adjusting the sort manually can be done by selecting a child and using either the **Up** or **Down** buttons below the pane. When you are satisfied with the changes, if any, you can use the **Accept** button to save the proposed sort order to the database.
- Many times, the user will not feel a need to make manual changes, the proposed sort order if acceptable. The tool offers two buttons that allow the user to accept some or all of the listed families.
 - The **Accept All *** button will accept all the families that have a '*' (Asterisk) next to them. In these families all the children have valid birth dates so that sorting can be done unambiguously. When this button is used, a progress bar appears so that with large databases Gramps doesn't seem to be frozen.
 - The **Accept All** button will accept **all** the families, even those with some missing or invalid birth dates. In these cases, the sorted results is the same as shown in the lower right 'Proposed sort' pane. That is, children with invalid or missing birth dates will be sorted first, followed by those with valid dates. When this button is used, a progress bar appears so that with large databases Gramps doesn't seem to be frozen.
- If you do not want any changes to be made to your data, or you are done with the tool, you can simply press the **Done** button.
- The **Help** button will bring up this page.

Some Notes

- When changes are accepted, they appear in the 'Undo' list **Edit -> Undo History...** where they can be undone. They can also be undone individually via **Edit -> Undo**. Changes from the `ACCEPT` button are listed individually as 'Edit Family', those from the `ACCEPT All` or `Accept All *` buttons are listed as 'Edit families' in the undo list.

See also

[How do I change the order of children?](#) Use:

- The Family Editor [Children](#) tab to change the order of children in the family.
- This third party addon Birth Order Tool which allows bulk updates of the children order.

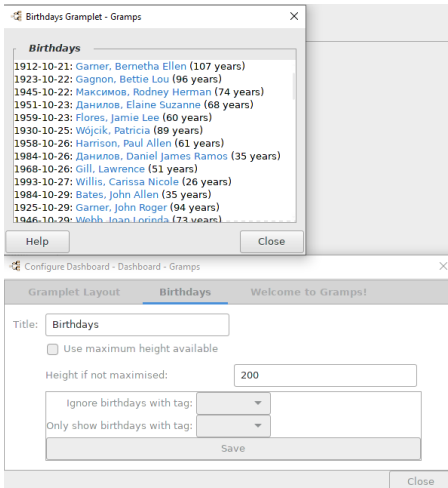
Issues

BirthdaysGramplet

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Birthdays Gramplet - results window (with Configure dialog tab showing) - detached view


This **Birthdays** Gramplet displays the upcoming birthdays based around the current date.

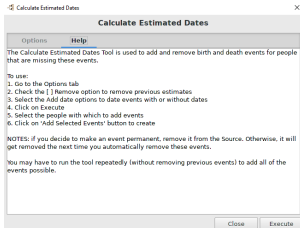
Only the people who are calculated by Gramps as [probably alive](#) are displayed.

You may also configure the Gramplet to either, ignore or show one selected Tag.

Calculate Estimated Dates

This is a **Third-party Addon**.

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Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).




Calculate Estimated Dates - Help(tab) Initial window on start.

The **Calculate Estimated Dates** tool Addon is used to add and remove birth and death events for people that are missing these events.

Usage

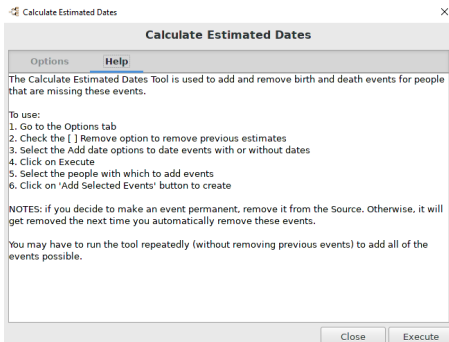
You can select the tool via the menu **Tools->Family Tree Processing-->Calculate Estimated Dates...** this brings up a **Undo history warning** window:

Undo history

 Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and backup your database.

You then choose **Stop** or **Proceed with the tool**.

Help



Calculate Estimated Dates - Help(tab) Initial window on start.

You will be presented with the **Calculate Estimated Dates** tool window. This window initially has two tabs:


- **Options** tab and the
- **Help** tab that is displayed with the following instructions.

To use

Calculate Estimated Dates


1. Go to the **Options** tab
2. Check the Remove option to remove previous estimates
3. Select the **Add date options** to date events with or without dates
4. Click on **Execute**
5. **Select** the people with which to add events
6. Click on **Add Selected Events** button to create

Note



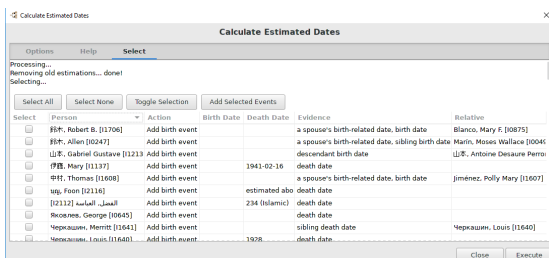
If you decide to make an event permanent, remove it from the Source. Otherwise, it will get removed the next time you automatically remove these events.

Note



You may have to run the tool repeatedly (without removing previous events) to add all of the events possible.

Select



Select	Person	Action	Birth Date	Death Date	Evidence	Relative
<input type="checkbox"/>	RFH, Robert B. [11706]	Add birth event			a spouse's birth-related date, birth date	Blanco, Mary F. [10875]
<input type="checkbox"/>	RFH, Allan [10247]	Add birth event			a spouse's birth-related date, sibling birth date	Martin, Moses Wallace [1004]
<input type="checkbox"/>	LDK, Gabriel Gustave [11213]	Add birth event			descendant birth date	LDK, Antoine Desaurne Perro
<input type="checkbox"/>	PEE, Mary [11137]	Add birth event	1941-02-16		death date	
<input type="checkbox"/>	PHF, Thomas [11608]	Add birth event			a spouse's birth-related date, birth date	Jimenez, Polly Mary [11607]
<input type="checkbox"/>	uy, Faon [12116]	Add birth event			estimated abo death date	
<input type="checkbox"/>	[12112] الجليل, جمال	Add birth event	234 (Islamic)		death date	
<input type="checkbox"/>	Heppraum, George [11645]	Add birth event			death date	
<input type="checkbox"/>	Heppraum, Merritt [11641]	Add birth event			sibling death date	Heppraum, Louis [11640]
<input type="checkbox"/>	Heppraum, Louis [11640]	Add birth event	1928		death date	

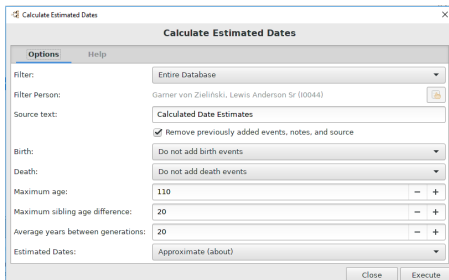
Calculate Estimated Dates - Select(tab - showing processed results)

On the **Select** tab you will see the processed results if any.

You can individually select the checkbox(s) beside the people or **Select All** and then click on **Add Selected Events** button to create the new events shown.

Options

Select the **Options** tab



Calculate Estimated Dates

Options Help

Filter: Entire Database

Filter Person: Garner von Ziellinski, Lewis Anderson Sr (10044)

Source text: Calculated Date Estimates

Remove previously added events, notes, and source

Birth: Do not add birth events

Death: Do not add death events

Maximum age: 110

Maximum sibling age difference: 20

Average years between generations: 20

Estimated Dates: Approximate (about)

Calculate Estimated Dates - Options(tab - defaults)

- **Filter:** in the drop down menu you can select which portion of the database will be processed: you can also select the
 - **Entire database**(default)
 - **Descendants of the Active Person**
 - **Descendant families of the Active Person**
 - **Ancestors of the Active Person**
 - **People with common ancestor** with the Active Person
 - or any **custom filter** (see custom made filters).
- **Filter person:** the Active Person is listed in this field, and is changeable for all filters except the **Entire database**filter. To change the Filter person click on the **Select a different person** icon to bring up a **Select a person for the report** window.

The **Select a person for the report** window shows a list of people you can choose from. Use the arrow or the arrow to expand and collapse the nodes. In the table you will see for which persons no birth or death date is available. On the lower left hand side corner there is a **Show all** tick box, that when selected will show all people in the database.


- **Source text:** in this **text field** you can fill in the text that will be used in the source reference. Default value is: *Calculated Date Estimates*.
 - Remove previously added events, notes, and source: Check box (unchecked by default)
- **Birth:** drop down list.
 - Do not add birth events (default)
 - Add birth events without dates
 - Add birth events with dates
- **Death:**
 - Do not add death events (default)
 - Add death events without dates
 - Add death events with dates
- **Maximum age:** **110**(default)
- **Maximum sibling age difference:** **20**(default)
- **Average years between generations:** **20**(default)
- **Estimated Dates:**
 - Approximate(about):(default)
 - Extremes(after and before)

See also

- [Gramps 5.2 Wiki Manual - Settings#Limits](#) for Date settings used for calculation operations to determine if a person is probably alive.
- [I don't know the exact date to enter into Family Tree](#) - If you do not know an exact date, you can either enter as much of the date as you know or estimate a year based on other information., - FamilySearch.org
- [Estimating dates and ages in genealogical writing](#), New York Genealogical & Biographical Society

Issues

- No button.
- [2241](#) Calculate Estimated Dates function needs improvement in selecting which dates fields to estimate
- [2243](#) Calculate Estimated Dates keyed on birth and Life Expectancy Table lookup
- [7448](#) Calculation of estimated ranges - not very good
- [7898](#) Crash during "Calculated Estimated Dates" gramplet
- [9147](#) Add Option to not Calculate Estimated Dates for baptisms and burials



Note that `Calculate Estimated Dates` was originally builtin/part of Gramps 3.1

see [Gramps 3.1 Wiki Manual - Tools#Calculate_Estimated_Dates](#)

Collections Clipboard Gramplet

This is a [Third-party Addon](#).

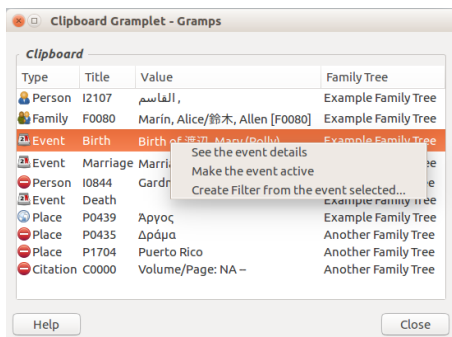


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following: [these instructions](#):

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Collections Clipboard Gramplet - detached - example

The **Collections Clipboard Gramplet** is similar to the [built-in Clipboard](#) except that it provides a way to create collections of objects which are persistent over time.

You can watch an older version of the [Clipboard Gramplet in action](#) (Created:2010/07/29).

Usage

You can select multiple items from any of the Category list views and drag and drop them onto the Collections Clipboard Gramplet.

To delete entries, select them and press the delete key.

Double-click selections to bring up the object editor.

Select one (or more) items, and then right-click gives the following context popup menu options:

- **See Item details** - will show the first selected item in an editor
- **Make Item active** - will make the first selected item active in the item view
- **Create Filter from selected items** - will turn all of the selected items (which are of the same type as the first selected item) into a filter

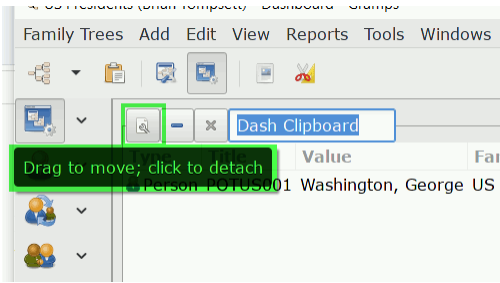
Collections Clipboards will remain persistent between sessions, and you can mix items from different databases. However, you can't drag and drop items from one database into another.

There are several Collections Clipboard objects that are entirely self-contained. These may be dropped indiscriminately into any database:

- Text
- URL - Internet addresses. Including: eMail, ftp, website
- Address - full postal addresses with phone numbers
- Attribute - custom attributes

You can sort the columns (type, title, and value) of the gramplet.

Multiple Collections Clipboards



Collections Clipboard Dashboard Gramplet - renaming and detaching

You can add as many Collections Clipboards gramplets as desired to the Dashboard. A single instance can be attached to each of the Gramplet splitbars (sidebar and bottombar in the View menu) in the other view Categories. Each instance will have a separate collection of associated objects.

Clicking on the title of a docked Dashboard gramplet allows renaming the instance to something more meaningful. (Gramplets in Sidebars and bottombars cannot be renamed.) The names of undocked gramplets will be shown in the Windows menu.

See also

- [Using the Clipboard](#) - The built in Clipboard whose storage is persistent only within a single Gramps session. Closing the window will not lose the stored records. However, exiting Gramps will.

CombinedView

This is a **Third-party Addon**.



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This article's content is incomplete or a placeholder stub.
 Please update or expand this section.

Combined View - addon - In action showing

The Combined View is a **Relationships** category view addon that shows relationships and events for a person. It is similar to the built-in [Relationships View](#) that gives an overview of how records relate to each other within the context of a specific person ... but on steroids.

This view is intentionally 'read only' with no editing controls.

Usage

From the **Relationships** category view select the **Combined** icon (Identical icon to the Relationships view unfortunately!) or select **View > Combined** from the menu.

Relationships tab

Example_gumps - Combined - Gumps

Family Trees Add Edit View Go Bookmarks Reports Tools Help

Dashboard

People

Relationships

Families

Charts

Events

Places

Geography

Sources

Citations

Repositories

Media

Notes

Martel, Luella Jacques

ID: 10045
 Birth: 1852-01-23 in Eureka, Humboldt, CA, USA
 Death: 1921-04-28 in Myrtle Beach, SC, USA (69 years, 3 months)

Relationships Events Album Timeline Associations

Parents (P#007):

- [Martel, Henry](#) b. 1810-10-17 in Washfield, Humboldt, TN, USA d. 1884-03-01 in New Falls, New Falls, ID, USA
- [Martel, Eliza](#) b. 1802-01-18 in Helena, MT, USA d. 1870-04-04 in Andrews, OK, USA

Family (F#001):

- 1. [Martel, Luella Jacques](#) b. 1852-01-23 in Eureka, Humboldt, CA, USA d. 1921-04-28 in Myrtle Beach, SC, USA
- 2. [Garner von Ziehlinski, Lewis Anderson Jr](#) b. 1855-09-21 in Great Falls, MT, USA d. 1915-06-26 in Twin Falls, Twin Falls, ID, USA

Children (C#):

- 1. [Garner, Eugene Stanley](#) b. 1895-12-01 in Petrosowich, OH, USA d. 1984-03-01 in New Falls, Twin Falls, ID, USA
- 2. [Kantler, Jesse W](#) b. 1870-04-18 in Paragould, Greene, AR, USA d. 1929-01-21 in Cedar City, UT, USA
- 3. [Garner, Harrison L](#) b. 1870-09-18 in Paragould, Greene, AR, USA d. 1921-05-02 in Astoria, OR, USA
- 4. [Garner, Jennie S](#) b. 1866-09-15 in Paragould, Greene, AR, USA d. 1904-06-20 in Columbia, Bartholomew, IN, USA
- 5. [Garner, Walter E](#) b. 1864-01-17 in Paragould, Greene, AR, USA d. 1946-10-21 in Battle Creek, MI, USA

Category: **Example_gumps - Combined - Gumps**

Select the down arrow on the right corner for adding, removing or restoring gumparts.

[00000] Fox, David and Coles, Frances

Select the down arrow on the right corner for adding, removing or restoring gumparts.

Relationships (Default) tab

Events tab

Example_gumps - Combined - Gumps

Family Trees Add Edit View Go Bookmarks Reports Tools Help

Dashboard

People

Relationships

Families

Charts

Events

Places

Geography

Sources

Citations

Repositories

Media

Notes

Martel, Luella Jacques

ID: 10045
 Birth: 1852-01-23 in Eureka, Humboldt, CA, USA
 Death: 1921-04-28 in Myrtle Beach, SC, USA (69 years, 3 months)

Relationships Events Album Timeline Associations

Birth (Birth of Martel, Luella Jacques)

1852-01-23 in Eureka, Humboldt, CA, USA

Marriage (Marriage of Garner, Lewis Anderson and Martel, Luella Jacques) - Garner von Ziehlinski, Lewis

1875-04-01 in Paragould, Greene, AR, USA

Death (Death of Martel, Luella Jacques)

1921-04-28 in Myrtle Beach, SC, USA

Death (Death of Martel, Luella Jacques)

1921-04-30 in Myrtle Beach, SC, USA

Album tab

Example_gumps - Combined - Gumps

Family Trees Add Edit View Go Bookmarks Reports Tools Help

Dashboard

People

Relationships

Families

Charts

Events

Places

Geography

Sources

Citations

Repositories

Media

Notes

Martel, Luella Jacques

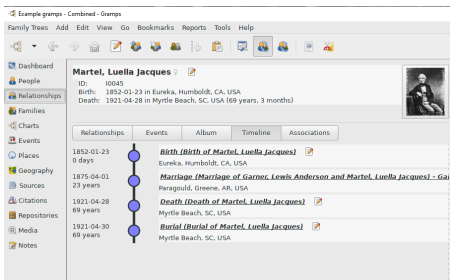
ID: 10045
 Birth: 1852-01-23 in Eureka, Humboldt, CA, USA
 Death: 1921-04-28 in Myrtle Beach, SC, USA (69 years, 3 months)

Relationships Events Album Timeline Associations

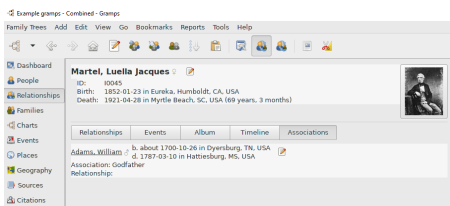
Sell
right
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Shows gallery of associated images.

Timeline tab

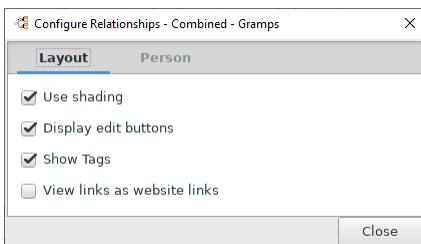


Associations tab

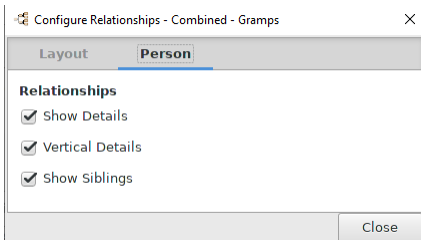


Configure Options

Layout tab



Person tab



See also

- [New experimental combined view](#) 2020-04-15 - initial announcement by Nick Hall

Issues

See issues tagged [CombinedView](#)

D3 Ancestral and Descendant Charts

This is a [Third-party Addon](#).



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The **D3 Ancestral and Descendant Charts** addon consists of three(3) Web based reports:

- [Ancestral Collapsible Tree](#)
- [Ancestral Fan Chart](#)
- [Descendant Indented Tree](#)

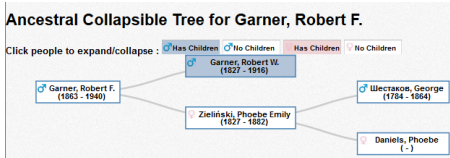
Each chart used the [D3.js library](#) for its layout which are SVG based and provide some really nice inter-activeness and animation.

Note the filtering is based off the text based Ancestry and Descendant Reports.

All of the reports generate [JSON](#) for ancestry/descendant's and could be easily customized for other usage.

Usage

Ancestral Collapsible Tree



Ancestral Collapsible Tree - example output

This report is available under the menu **Reports > Web Pages > Ancestral Collapsible Tree..**

A graphical representation of ancestry for a given individual.

By default up to Great Grandparents are displayed.

Clicking on an ancestor whom has further ancestors will either collapse or expand all ancestors for that person.

Specific customizable colors indicate whether there are further ancestors for a given person, and can be specified for maternal and paternal lines.

Ancestral Fan Chart



Ancestral Fan Chart - example output

This report is available under the menu **Reports > Web Pages > Ancestral Fan Chart...**

The Ancestral Fan Chart report illustrates an individuals ancestry by means of a full circle fan chart.

The initial display shows the filtered individual at the center of the fan chart.

Selecting individuals on the fan chart will result in that individual becoming the center person and a new fan chart is drawn dynamically indicating that persons ancestry.

Continuous selection of the center of the fan chart will eventually return you to the original filter person, a page reload will also do this.

Custom colors can be provided for paternal and maternal sides of the filtered person.

Descendant Indented Tree

Descendant Indented Tree - example output

This report is available under the menu **Reports > Web Pages > Descendant Indented Tree...**

The Descendant Indented Tree report is a graphical representation of the text based Descendant Report.

When clicking on a person if that person has further descendants, then the tree will dynamically expand or collapse depending on its current state.

As with the other reports some customizable colors can be specified at generation time. In this report they pertain to whether there are more descendants to view or not.

Issues

- Charts appear without content - related to a security vulnerability update to Browsers. (i.e. local HTML files ought not to be authorized to open files from different sub-directories) This shouldn't be a problem once the files are uploaded to a server. It is just local mode that is affected. **Workarounds for local mode** available for:
 - set **Firefox** in **about:config**
 - before Firefox 95 : **privacy.file_unique_origin** flag to **false**
 - starting with Firefox 95 : **security.fileuri.strict_origin_policy** to **false**
 - Chrome launch flags:

```
C:\Program Files (x86)\Google\Chrome\Application\chrome.exe" --allow-file-access-from-files --allow-file-access -
```

- Help buttons URL's on report dialogs do not lead here.
- 9602**: Descendant Indented Tree doesn't work with Chromium browser
- 11800**: D3 Chart update of d3.js and jquery libraries to newer versions

- Uses D3.js version 3.4.5 (and not the [current release](#))
- Uses [jquery](#) v1.10.2 and 2.0.3 which are no longer supported or patched
- Uses [jquery-ui](#) v1.10.4 which is also outdated
- Does not work with MS-IE 11?[\[1\]](#)

If anyone is still facing the problem [with MS-IE 11] here is the solution:

Add this 2 lines to your html file.

```
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
```

If not IE doesn't understand the property `CSSStyleDeclaration` in your `d3.js` file.

See Also

- [Web Solutions for Gramps](#)

DNASegmentMapGramplet

This is a [Third-party Addon](#).

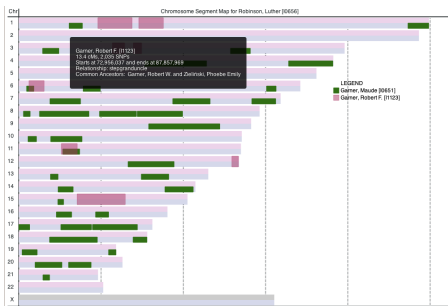


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[Undocked DNASegmentMapGramplet](#) with the HighContrast theme

The [DNASegmentMapGramplet](#) shows a graph.

Usage

The purpose of this gramplet is to view DNA segment data for the active user and a set of associated users. Once the user has done an autosomal DNA test and uploaded their data to one of the vendors (GEDmatch or FamilyTreeDNA, for example), the vendor can calculate the shared DNA segments with others in their system. These list of people with their shared segments are input to this gramplet for visualization.

Each person with shared segments will be a separate Association. The Notes in the Association should contain the shared segment info as calculated by the vendor.

There are two views for this gramplet. The default view is all of the chromosomes with all of the segments, painted in the order of the Association. The second view is a detailed view of a single chromosome, with each associated person having a separate row. The user clicks on the chromosome label (y-axis) to switch to the detailed view and clicks on the background to return to the default view.

You can install the [DNASegmentMapGramplet](#) on the bottombar of one of the people or relationship category list views.

Create a DNA Association

To specify shared DNA segments between 2 people,

- Create an Association for one person (Person A) with another Person (Person B) of the type DNA.
- Add a Citation to the Association to reference the vendor which provided the segment info. This is not used by the gramplet, but is useful since different vendors will produce slightly different segment info. And some Associated Persons might have data from multiple vendors. In these cases, having a second Association is useful.
- Create a Note in the Association or attached to a Citation in the Association with the shared DNA segment data.
 - The format of the Note is a comma separated list or a tab separated list in the order: [Chromosome Number](#), Start Segment, End Segment, shared length in [centiMorgans](#) (cMs), [SNP](#) (optional), M or P or U (unknown) to override the Maternal Paternal chromosome as determined by the closest genetic connection in the tree (optional).
 - For Example: 3,56950055,64247327,10.9,1404 Which means; Chromosome Number: 3, Start Segment: 56950055, End Segment: 64247327, shared length in cMs: 10.9, matching SNPs: 1404
 - Valid entries for each are:

Chromosome Number
number between 1-22 or X

Start Segment
The starting number for the segment location.

End Segment
The ending number for the segment location.

Shared length in cMs

The Genetic Distance (otherwise known as the number of centiMorgans) in the segment.

SNP

optional field of the matching SNPs (Single Nucleotide Polymorphism) in the segment.

M/P flag

optional field to override the Maternal or Paternal or Unknown chromosome. Valid entries are M or P or U. Any other data is ignored

Getting the chromosome data

Sites like [GEDmatch](#) make this shared chromosome data available. Direct copy from the GEDmatch results page (with header and tab separators) will work. There can be additional Associations between Person A and Person C (et cetera) as known.

[DNApainter](#) provides a description of how to get the chromosome data from many of the common sites.

Add the kit number or other unique info as an Attribute to the Associated Person. For example, create an Attribute 'GEDmatch kit' to contain the GEDmatch kit number. Or 'DNAkit' for the FTDNA kit number. These are not used by the gramplet but good for reference.

The sites that have DNA segment data and formats are covered below.

FamilyTreeDNA

FamilyTreeDNA provides a download CSV file. Sample format starting at field 2 is set for copy into this gramplet.

```
Match Name,Chromosome,Start Location,End Location,Centimorgans,Matching SNPs
MATCH NAME, 1,191870504,201977600,9.505878,2391
```

GEDmatch

GEDmatch provides a cut-paste option for data. The format is set for copy into this gramplet. The gramplet will accept either comma or period as the thousands separator.

```
Chr B37 Start Pos'n B37 End Pos'n Centimorgans (cM) SNPs Segment threshold Bunch limit SNP Density Ratio
6 67,249,077 91,039,808 15.6 978 191 114 0.1
```

MyHeritage

MyHeritage provides a download CSV. The fields need to be adjusted (remove the 1st, 2nd, 6th and 7th fields).

```
<U+FEFF>Name,Match Name,Chromosome,Start Location,End Location,Start RSID,End RSID,Centimorgans,SNPs
User Name,Match Name,2,172775482,208500311,rs116868713,rs9288384,29.8,16512
```

Geneanet

Geneanet provides a download CSV that needs to be adjusted. Fields 4 (Number of SNPs) and 5 (Length in centimorgan) need switched and field 6 removed. Semicolon delimiter needs replaced with comma.

```
Chromosome;Start of segment;Length of segment;Number of SNPs;Length in centimorgan (cM);Type of segment
9;14037831;73101159;6804;38.64;half-identical
```

Legend

LEGEND

- Garner, Maude [10651]
- Garner, Robert F. [11123]

Click to make this person active
Right click to display edit menu

Legend with rollover tooltip

- For each Chromosome: the top portion is the Paternal side and the bottom portion is the Maternal side.
- The chromosome segment side (Paternal or Maternal) is determined from the Most Recent Common Ancestor. If there is no common ancestor, both sides are used.
- The color code for each associated person in the DNA segment map is consistent but not user-specified. The first Association will always be the same color.
- To change the location of the Legend, edit the config file parameters:

```
legend-single-chromosome-y-offset=25
legend-swatch-offset-y=0
```

Navigation

- The Legend on the right side lists each associated person who has a mapped segment. Hovering over the legend items will show a tooltip for

possible action. Primary button click will change the active person. Secondary button click will open the Person Editor for the associated person.

- Hovering over the Y-axis chromosome labels will show a tooltip for possible action. Primary button click will switch view to single chromosome of the label clicked. To return to full view, click on the background in the single chromosome view.
- Hovering over a segment provides detail on the segments at that location. If there are multiple segments overlapping, all will have details.

Configuration

The config file for this gramplet has the following options. Remove the comment (double semi-colon) and edit as needed. Changes are not reflected until the next time the gramps is started.

```
[map]
;;chromosome-build=37
;;legend-single-chromosome-y-offset=25
;;legend-swatch-offset=y=0
;;maternal-background=(0.833, 0.845, 0.92, 1.0)
;;paternal-background=(0.926, 0.825, 0.92, 1.0)
;;show-centromere=0
;;show_associate_id=1
```

- Chromosome Build: choose the specific build for the chromosomes. Options are 36, 37, 38.
- Legend Single Chromosome Y offset: Adjust the height of the legend for the single chromosome view. This may be needed if more than 12 people share the chromosome.
- Legend Swatch Offset: Offset for the color swatch in the legend. Should be 5 for Windows systems. 0 works for Linux and Mac
- Maternal Background Color: RGB values for the background of the Maternal Chromosome
- Paternal Background Color: RGB values for the background of the Paternal Chromosome
- Show Centromere: If 1, do not paint the background area for the centromere. This area is dependent on the Build.
- Show Associate ID: To remove the ID on the legend and tooltip, set to 0. Otherwise leave as 1 to print the Associate ID.

Single Chromosome View

To view just a single chromosome, click on the chromosome number. This view has each association as a different row, helping to see overlapping areas. To return to the standard view, click on the background area.

DNA Example data

To reproduce the illustration with the [Example.gramps](#) dataset, create two records in the Associations tab in the Person Editor for Luther Robinson(10656).

The first record is DNA type, adding an association with Robert F. Garner (I1123).

The Note under this association contains the following text. The last two fields with the names are ignored.

```
Chromosome,Start Location,End Location,Centimorgans,Matching SNPs,Name,Match Name
3,56950055,64247327,10.9,375,Luther Robinson, Robert F. Garner
11,25878681,35508918,9.9,396
12,129481599,133491098,12.4,304
15,35444614,64710827,33.3,1212
1,48053426,68837810,24.6,3413
1,72956037,87857969,13.4,2035
3,69656569,74563488,9.0,974
6,6179882,15400114,18.5,1994
```

The second record is also DNA type, adding an association with Maude Garner (I0651).

The Note under this association contains the following text:

```
1,30578594,38686908,11.2,334
1,236520701,249210707,29.7,685
3,14446545,24339734,12.3,458
3,128688499,140766208,11.4,447
4,76585823,114118650,33.7,1317
4,163973796,190915650,49.1,1422
6,4737179,9181572,10.3,279
6,39128976,49586285,15.8,510
6,150564916,156389148,10.2,415
7,18915133,37547290,25.8,1038
7,93557588,116296896,20.2,821
7,141636563,156148608,30.9,787
8,2808265,6919748,10.7,436
8,12568161,42652859,38.7,1556
8,49039681,71454529,20.3,742
8,71390280,99554231,21.9,917
9,78958599,122204804,55.7,2014
10,5608202,10769007,10.4,333
10,19365648,38434090,19.6,775
11,26722523,37020611,11.8,447
12,66412457,94422155,24.4,1035
13,19234747,23899627,8.7,270
13,74422984,91183468,14.2,506
14,23902753,33048583,15.5,392
14,88816167,106020366,37.8,947
15,23727655,27246462,8.2,229
16,22836249,32137965,12.6,413
16,46644903,54620503,11.7,360
17,13905,6613192,18.9,419
17,25567080,44187492,19.7,694
17,44790203,72115774,39.7,1223
```

18,18714991,47726830,27.9,1071
 18,69454453,77894844,23.5,481
 19,1993444,11174625,28.1,567
 19,5454531,59087479,12.7,335
 20,9879166,26225145,24.3,788
 20,30221104,43975451,13.5,489
 21,14670124,18743733,10.8,201

DNA match row data must be in a specific CSV order

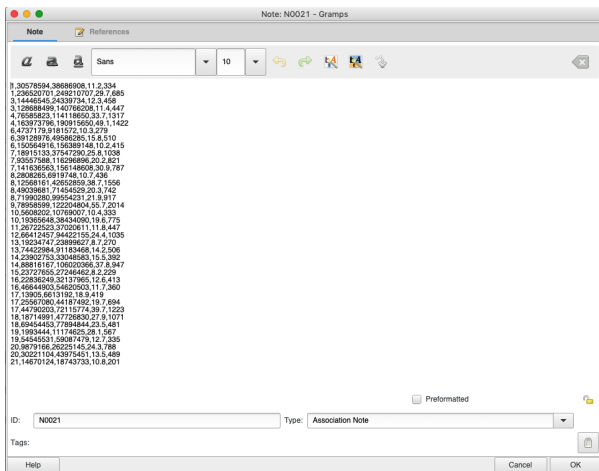


The data may include a header but the Gramplet does not require one. Headers are to make the rows more readable by humans. The rows do not need to be sequentially ordered by the chromosome identifier (1 to 22 and X).

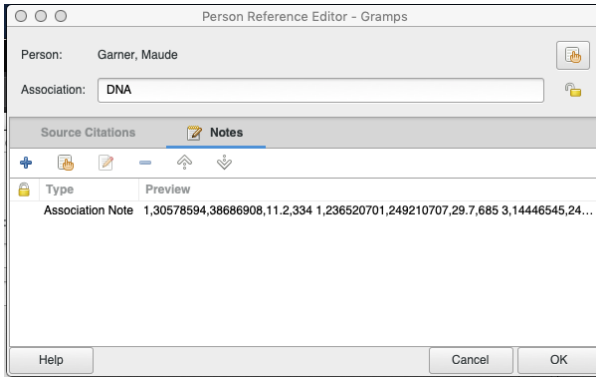
Chr	B37 Start Pos'n	B37 End Pos'n	Centimorgans (cM)	SNPs
1	8,455,712	13,176,463	9.5	747
1	13,782,197	68,105,453	71.2	8,304
1	191,430,223	249,198,060	83.7	9,280
2	27,572	47,538,683	72.6	8,413

Sample GEDmatch output (see screenshot) that can be cut and paste into the Note. The fields are the same - Chromosome, Start, End, cM, and SNPs. This can be cut/paste from the GEDmatch output directly into the Note for the Association. The header line will be ignored.

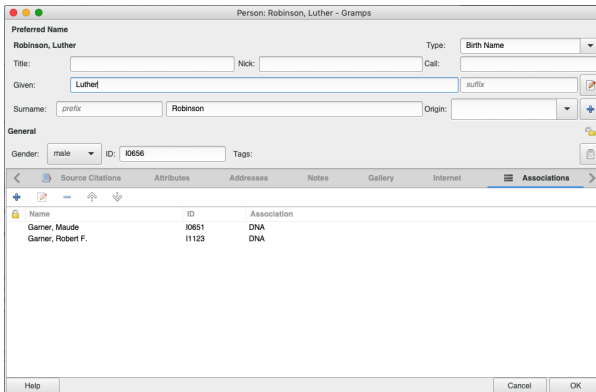
Example



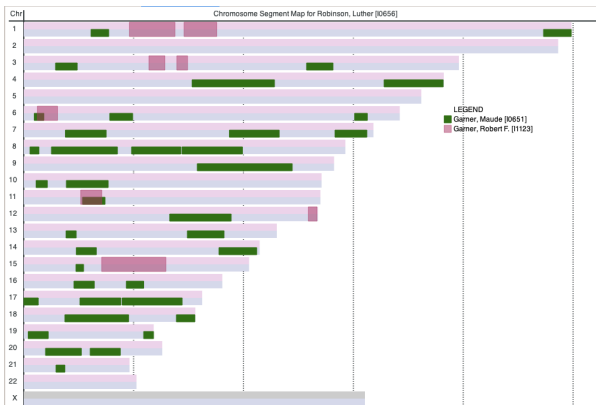
Create an Association of type DNA as described in the [Association](#) page to Person A. Add a Note with the DNA shared segment data. Set the Note private if you do not want the data printed in reports.



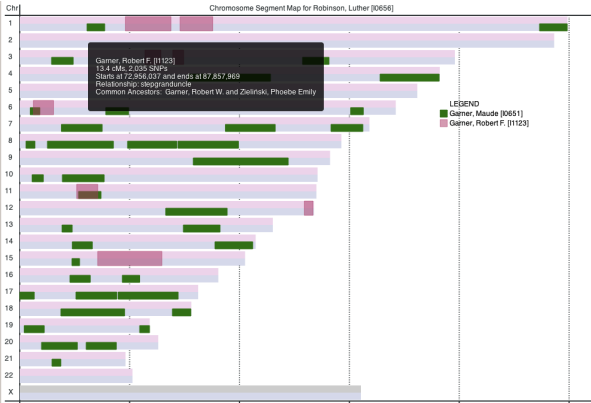
Save the Association.



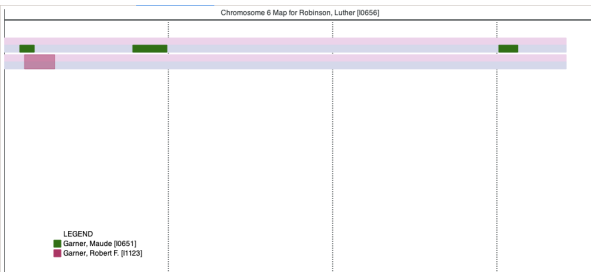
Add more associations as known. Each would be associated to a different person and have a different Note. Since the Associations are drawn in order, it is generally better to have them in order of closest relative to furthest relative to avoid obscuring a distant relative (smaller segment) by a close relative (larger segment). Use the up-arrow and down-arrow to change the order of the Association.



Add the DNA gramplet to the Person view. Select the DNA tab. The segment map will be color coded by associated person. For each Chromosome the top portion is the P (Paternal) side and the M (Maternal) side is the bottom portion. If the chromosome segment side (Paternal or Maternal) is unknown, the segment will cover both the top and bottom portions of the chromosome and be 50% transparent.



Hovering the cursor over a known segment will pop up the name of the associated person and the length (in cMs) of the shared segment.



Clicking on the Y-axis label for the 6th chromosome, a detailed view is shown. Click on the background to return to the complete view.

Reference Info

Untested Areas

There are areas in the DNA test that are generally not tested as they are not reliable indicators of a match. If you want to visualize these areas, create a dummy person and add an association with the following DNA segments.

```
13, 1, 19020094, 0, 0
14, 1, 19067948, 0, 0
15, 1, 20004965, 0, 0
21, 1, 99220117, 0, 0
22, 1, 16055121, 0, 0
```

Centromere Areas

Machines have difficulties to read the area around the centromere. There are less SNPs to read, therefore there is higher probability of false positive matches. For example, if you have a match exactly around the centromere, then it is most probably a false positive match. If you want to visualize these areas, edit the config file as described above and set show-centromere to 1. The area of the centromere id dependent on the Build (36, 37, or 38). For example, the list for Build 37 (the most common) is

```
1 121500000 128900000
2 90500000 96800000
3 87900000 93900000
4 48200000 52700000
5 46100000 50700000
6 58700000 63300000
7 5800000 61700000
8 43100000 48100000
9 47300000 50700000
10 38000000 42300000
11 51600000 55700000
12 33300000 38200000
13 16300000 19500000
14 16100000 19100000
15 15800000 20700000
16 34600000 38600000
17 22200000 25800000
18 15400000 19000000
19 24400000 28600000
```

```
20 25600000 29400000
21 10900000 14300000
22 12200000 17900000
X 58100000 63000000
```

To view the centromere for all chromosomes, edit the config file to change this option:

```
show-centromere=1
```

To Do

Issues

- If the Chromosome Number is not in the range (1, 2, ..., 22, X) it is ignored.
- If there are multiple paths to a common ancestor, the closest found is used.
- To create a segment map for Person A, you need to add associations to Person A. There is no reciprocal relationship for Person B - that is, there is no segment map for Person B, only for Person A. You can execute the [Addon:SyncAssociation](#) addon to create any missing reciprocal relationships.
- Color code for each associated person in the map is consistent but not user-specified. The first Association will always be the same color.
- If there are overlapping segments within a maternal/paternal view of a chromosome, only the front (last drawn) will be pickable. The tooltip will still provide the details of the hidden segments. Changing the order of Associations (using the up-arrow and down-arrow) to have the closer relatives before further relatives will fix this. To see overlapping segments, select a single chromosome.

See also

- DNA Segment Map gramplet #550 (GitHub pre-release [\[1\]](#))
- [Addon:SyncAssociation](#) - For every Association, if there is not a reciprocal Association then it will be created. That is, where Person John Smith has a DNA Association (with an Association Note) to Person Jane Jones, then if Jane Jones does not have a corresponding DNA Association to John Smith, it will be created which shares the Note.
- [Add Types to the SyncAssociation Gramplet](#)
- [Discourse forum discussion on the DNAGramplet](#)
- [Introduction to Associations in Gramps](#)
- [Roles, Relationships & Associations](#)
- [Genetics](#)

DataEntryGramplet

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

Data Entry Gramplet - default entry dialog

The **Data Entry Gramplet** allows an easy method of editing previously added people, and adding new and related people in your family tree.

Usage

You can access the **Data Entry Gramplet** by adding it to the Gramplet sidebars or bottombars in the People, Relationship and Chart views. This gramplet is only for "Person" category views, so it is unavailable in the Dashboard or Family views... or any other views that focuses on something other than the Active Person. You can still detach/unlock the Gramplet to allow use while referencing other Views.

The **Data Entry Gramplet** consists of two separate sections: the **Active person** and **New person** sections.

Both sections have a number of text fields, just displaying that type of data for different people. The topmost is the **Surname, Given:** entry field which is a combined entry for just the surname followed by a comma and the given names. If you need more finely grained editing on the name (for example, the person's name includes a suffix or prefix), you can use the Edit icon once the new person has been created.

The **Death:** and **Birth:** lines for both the **Active person** and **New person** are also a combined entry, allowing you to enter a date and place. The date (if one) is entered first in any format available to your Gramps installation, followed by the word *in* (in your language) and the location (if one). For example, the following are all valid entries for the birth or death entries:

- Jan 1, 1867 in Kingsport, TN
- about 1822 in Sweden
- in London, England, UK
- 1756/12/31

If a location has been previously used, then it will share that location with the others. If it is new, it will be created.

To **Add** a **New person** as a relation to the active person choose a relation type from the **Add relation:** drop down eg: *No relation to the active person* (default), Add as a Parent, Add as a Mother, Add as a Father, Add as a Spouse, Add as a Wife, Add as a Husband, Add as a Sibling, Add as a Child. The Gramplet will guess at the best place to add the person. For example, it will add the new person to the first family available. The Gramplet will also try to discern gender where needed, guessing that the "father" spouse of a family is male, and the "mother" spouse is female. If these guesses are incorrect, you should add your new person via the normal Gramps data entry method.

Click on the Edit button to the right of the Active person's name to use the standard **Edit Person** window.

Click on the Edit button to the right of the **Family:** label to use the standard **Edit Family** window. This will bring up the first/primary family (if the active person is a parent in a family) or will bring up the active person's parent's family, if it is known.

If you begin an edit of the active person, then the active person data won't change until you either **Save** or **Abandon** your changes.

Use an existing person as a Template



Understanding the precise data format needed to avoid creating duplicate place and sources can be confusing.

Add places and sources to your [active person](#) before pressing the `[Copy Active Data]` button.

This allows the same source to be applied to each person added subsequently... even when you type new different name, birth and death dates in each of the left-hand columns.

The `[Copy Active Data]` will copy the entries of the active person to the editable entries for the new person. This is particularly useful when adding an entire family grouping from the same source data.

To undo a change, use the menu **Edit -> Undo History...** option.

Note that you cannot delete existing date or place information using this Gramplet



You can only add or change them. For example, you cannot remove a place by just deleting the text. You will need to edit the person's record using the regular edit dialog (by clicking the edit button next to the person's name).

See also

- [Forms Gramplet](#) addon - allows users to create and edit structured source data in a single form.
- [Note Gramplet](#) - which is a data entry gramplet, that allows you to edit the first note of type Person Note for the active person.

Issues

- [4170#c44496](#) If you select a gender of "Other" the Gramplet will crash.

Feature Request

- [4170](#) : Data Entry Gramplet: genders
- [5420](#) : Improvements to Data Entry Gramplet
- [8922](#) : Citations aware Data Entry Gramplet
- [9774](#) : Data Entry Gramplet: Option to add baptism

Database Differences Report

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.

This Addon/Plugin system is controlled by the [Plugin Manager](#).

Database Differences Report

Databas 5_0 example_gramps

e:
File: C:\Program Files (x86)\Gramps\IO32-5.0.0\share\doct\gramps
example\gramps\example.gramps

Differences between Database and File

Person: I1335	Database	File
Person, change	2018-11-27 09:16:53	2007-07-26 18:34:25
Person, person ref list #1, class	PersonRef	
Person, person ref list #1, private	False	
Person, person ref list #1, ref	cc82054d887376aa cba2	
Person, person ref list #1, rel	Godfather	
Person, person ref list #2, class	PersonRef	
Person, person ref list #2, private	False	
Person, person ref list #2, ref	P45KQCNY8MVB6 S13FZ	
Person, person ref list #2, rel	Godfather	

Missing items in File that are added in Database

Missing Place: United States [Geo6252001]
Missing Place: New York, United States [Geo5128638]
Missing Place: Rockland, New York, United States [Geo5134189]
Missing Place: Town of Orangetown, Rockland, New York, United States
[Geo5129926]
Missing Place: Nyack, Town of Orangetown, Rockland, New York, United
States [Geo5129433]

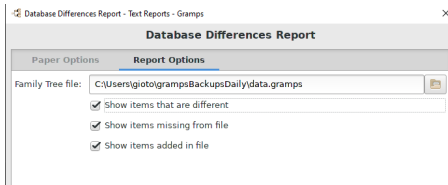
Added items in File that are missing in Database

Nothing added

Database Differences Report example output

The **Database Differences Report** allows a mostly complete comparison between the currently opened database (Family Tree) and a Gramps XML file.

Usage



Database Differences Report - Report Options tab example defaults

Open the family tree you want to compare then

Select **Reports > Text Reports > Database Differences Report...** from the menu.

On the *Report Options* tab select the *Family Tree file*: to be compared against.

Check or Uncheck the options you want to test for in the report eg: **All are checked by default**

- Show items that different
- Show items missing from file
- Show items added in file

Limitations

The Database Differences Report is focused on the principal elements of the Database.

There are a number of other types of 'metadata' that are not examined during the Database Differences Report.

- researcher
- custom types
- gender name maps
- base path for media
- surname mapping for the "Group As" surname feature
- etc.

Some of these 'metadata' are not 'regular' in the way they are stored, comparing them would be a fair amount of additional code work.

Also note that some of the 'metadata' would be difficult to compare because they are not stored in the backup XML files, but rather in the Gramps initialization files.

According to the author, not all changes are pertinent. For example an object that just has an updated timestamp is ignored, as are dates that may have irrelevant differences. Note that it will report changed order of list items as two different changes. It doesn't say "tag list items 1 and 2 were switched" (which would be nice) but rather "tag list, #1 [ToDo]", "tag list, #2 [Imported]" for item1 and "tag list, #1 [Imported]", "tag list, #2 [ToDo]" for item2.

Note regarding older backup files

In the past Gramps allowed data to be input in ways that are no longer allowed. When you import an older backup file, many of these issues are silently corrected for you. For example, Gramps used to allow leading and trailing spaces in name fields. Gramps now removes the leading and trailing white space when the data is entered.

The Database Differences Report performs it's work by creating a temporary Database and importing the backup file that you specified. A side effect of this is that if your Gramps Database has been around for a long time, it may still contain things that are not currently allowed. But the comparison will be done against the backup file that has all of those issues fixed. Each correction has the potential of showing up as a difference, but on examination they look the same. It is quite hard to see those leading/trailing spaces.

There are 2 solutions:

1. backup your database, create a new empty Database and import backup you just made, then go ahead with the report.
2. run the [Clean input data](#) tool on your Database, then do the report.

See also

1. [GEPS_009: Import_Export_Merge#Import_Export_Merge](#)
2. [2623: Import Export Merge \(GEPs 009\) comment: ...A Database Differences Report has been added to gramps35/trunk \(marked as 3.5\)...One can now see the raw differences between an exported file and the current DB...](#)
3. [\(Gramps-devel\)Towards database syncing](#), From: Doug Blank - 2013-01-13 17:16:25, ...*a mostly complete comparison between the current database and a Gramps XML file.*
4. Addon - [Import and merge a Gramps XML family tree](#) derived from your own Gramps XML family tree backup file.

Issues

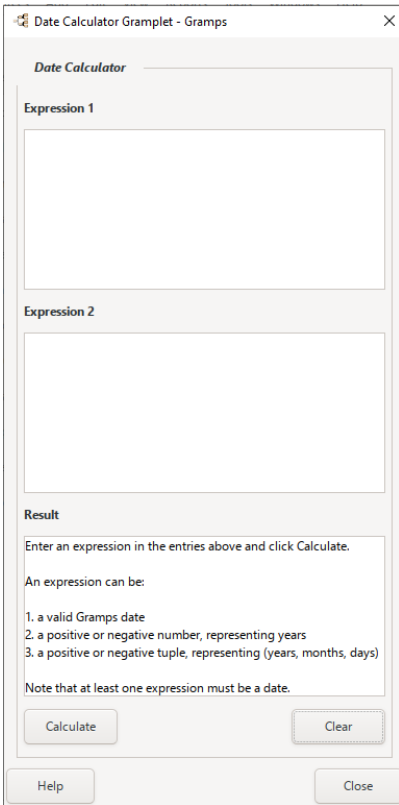
- help button does not come here.
- See issues and features tagged: [DatabaseDifferencesReport](#) on the bugtracker.

DateCalculator

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



The **Date Calculator Gramplet** allows you to do date math.

Enter at least one valid date for **Expression 1** and **Expression 2** then click the **Calculate** button.

An expression can be:

1. a valid Gramps date
2. a positive or negative number (represents years)
3. a positive or negative tuple (years, months, days) **Note that only a single leading negative sign is needed to indicate a negative tuple.**

Note that at least one expression must be a date.

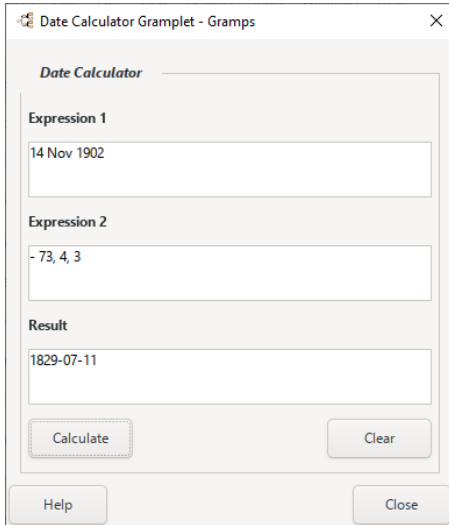
Usage

Select the **Date Calculator Gramplet** from the Gramplet menu.

Enter the desired expressions and press the **Calculate** to see the result.

Use the **Clear** button to start again.

Example usage



Assume that a headstone has only a date of death and age at death.

RANEY

MOTHER
Hannah M.
Wife of
William Raney
Died
Nov. 14, 1902
Aged



FATHER
William Raney
Died
Oct. 17, 1892
Aged
71 Yrs 2Mo
& 7Ds

Source:
[Iowa Gravestone
Photo Project](#)

I will behold thy face
in righteousness I shall
be satisfied when
I awake with thy likeness

Blessed are the dead
who die in the Lord

Enter a date in each field in the following format (YYYY-MM-DD).

Expression 1

Enter a starting date or an offset value (such as the date of the most recent birthday on a marriage license):

for the wife in the example gravestone, enter 14 Nov 1902

Expression 2

an offset tuple is in the form y.m.d

Example for "Aged 73Yrs. 4Mo. & 3Ds.", use "- 73, 4, 3"

Note that only a single leading negative sign is needed to indicate a negative tuple.

Result

Pressing the **Calculate** button returns 1829-07-11. When storing a date that's been calculated from a reference rather than a historical record, it

is hard to be certain what methodology was used. So the results are an estimate. Annotate this by preceding the value with "calc abt"

Initially, the Result field will contain the following usage hint:

Enter an expression in the entries above and click Calculate.



An expression can be:

1. a valid Gramps date
2. a positive or negative number, representing years
3. a positive or negative tuple, representing (years, months, days)

Note that at least one expression must be a date.

See also

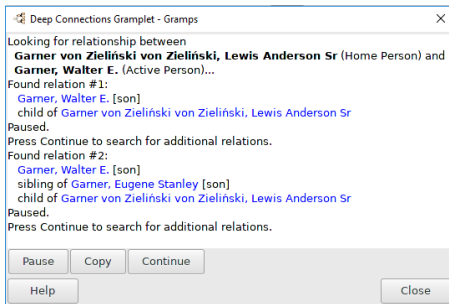
- [Editing dates](#)
- [Formatting Dates](#)

Deep Connections Gramplet

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

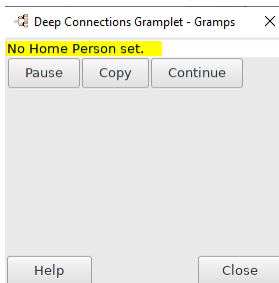


Deep Connections Gramplet - example results

The **Deep Connections** Gramplet shows a deep relationship between active person and home person. The Deep Connections Gramplet will find all relationships between the [home person](#) and [active person](#), if one exists. Similar to the built-in [Relationship Calculator](#).

Usage

Add the **Deep Connections** Gramplet to one of the following Category views: People, Relationships, Charts or Geography.



Deep Connections Gramplet - No Home Person set. - message

Make sure you have [set the Home Person](#) otherwise you will receive the message: **No Home Person set.**

Select another person from the People list view to make them active then change to the **Deep Connections** Gramplet to see the result, this can take some time, as it thoroughly searches through all relationships. The **Deep Connections** Gramplet reports a chain of people that form a related connection between the Active Person and the Home Person.

You can [Pause](#) the Gramplet or [Copy](#) the person to the Clipboard or even have the Gramplet [Continue](#) to attempt to find additional connections.

Context menu actions

Right-clicking inside the gramplet results (but not on a hotlink) will show a pop-up context menu. The options are: Cut (*disabled*), Copy (enabled only when text is has been highlighted), Paste (*disabled*), Delete (*disabled*), and Select All.

Right-clicking on the titlebar of undocked (detached, torn off) Deep Connections Gramplet will show a pop-up context menu. The options are: Restore (*disabled*), Move, Resize, Minimize (*disabled*), Maximize (*disabled*), and Close.

Hotlink actions

Deep Connections Gramplet

Right-clicking on a hotlinked Person name will shift the [Active Person](#) focus to that Person. This also triggers a recalculation of the Deep Connections of the new Active Person to the [Home Person](#).

Left-clicking on a hotlinked Person name will open the [Person Editor](#) for that Person.

See also:

- The [Relationship Calculator](#)
- The **Relationship to home person** [Display Preferences](#) option for the Status bar
- [Relation to Home Person quick view](#).
- The Isotammi [Deep Connection Graph](#) - local server dashboard gramplet

Issues

- When view expanded the display area does not fill the entire window/dialog.
- [4458](#) Deep Connections Gramplet does not find all possible paths
- [6467](#) Deep Connections Gramplet: Doubly redundant relations

DenominoViso

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following: **[these instructions](#)**;

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

DenominoViso - Web Report example output

The DenominoViso Addon for Gramps creates an interactive graphical representation of a family tree on a web page.

DenominoViso Web Report example output

The DenominoViso Addon for Gramps creates an interactive graphical representation of a family tree on a web page.

Usage

The report is available from the menu **Reports > Web Pages > DenominoViso**

Options

You can change how the report is created by changing options in the following tabs.

DenominoViso Options tab

DenominoViso - Web Report - Addon - "DenominoViso Options" tab defaults

DenominoViso - Web Report - Addon - "DenominoViso Options" tab defaults

- **Destination:** `~\user\document\output\location\DenominoViso.xhtml` The destination file for the xhtml-content.
 - `[Folder]` - Select output folder location.
- **Central Person:** defaults to the active person
 - `[Select Central Person]` button - to select a different person.
- **Title of the webpage** empty by default - Any string you wish
- **Display mode:** - Either plot ancestors or descendants graph
 - **Ancestor**(default)
 - Descendant

- **Display type:** - The type of graph to create.
 - **Regular** (default)
 - Fan
 - Growth Spiral
 - Mandelbrot Tree
 - Pythagoras Tree
- **Direction of time:** - Direction in which times increases.
 - **right to left** (default)
 - left to right
 - top to bottom
 - bottom to top
- **Generations** 10 (default) - The number of generations to include in the tree
- **Max chart width (%)**: 50 (default) - Width of tree as fraction of the browser window
- **Max chart height (px)**: 1000 (default) - Height of the tree in pixels.
- **Closing remarks:** Copyright... (default) - List of strings, free text added at the bottom, for example for a copyright notice.

Include Options tab

- Include private records
- Include Events: - Whether to include a person's events
 - Include birth children
 - Include death relatives
 - Include witness note
- Include Attributes: restricted to: (text box empty) - Whether to include a person's attributes
 - Include Addresses
 - Include Note
 - Include URL
 - Include URL description
 - Include Sources

Image Options tab

- **Include Photos/Images from Gallery**
 - **Copy Image:** * **to directory:** file/path/to/media
 - **Copy the images to the designated image directory** button
- **Images with Attribute:** ____ equal to ____ should be **Included** (default) or *Excluded*
 - Include Image source references
- **Source reference attribute:** _____



This article's content is incomplete or a placeholder stub. Please update or expand this section.

Style Options tab

- **Color of active person::** _____
- **Color of found persons::** _____
- **Color of male persons::** _____
- **Color of female persons::** _____
- **Width of rectangle (hrd)::** _____
- **Height of rectangle (hrd)::** _____
- **Vertical distance of rectangles (hrd)::** _____
- **Extra style settings::** _____



This article's content is incomplete or a placeholder stub. Please update or expand this section.

Advanced Options tab

- **Mouse event handler:** onclick onmouseover
- **Birth relationship linestyle:** _____
- **Source confidence color:** _____

- **Event format:**
- **Source format:**



This article's content is incomplete or a placeholder stub.
Please update or expand this section.

How the developer uses it

Some examples of how I use a page created by DenominoViso.

1. I am primarily looking for information on ancestors. The large overview shown by a page created by DenominoViso, helps me to easily find which ancestors are lagging behind: the branch is tiny compared with neighboring branches.
2. Finding death records is harder than birth/baptism and marriage records in Dutch archives. So temporarily I typically set death to something like "after xxxx". I can now enter "after" in the search box and search for "death events", all people that still miss their real death event show up.
3. Some sources are expected to contain a considerable (geographic) group of my ancestors, for example tax records. Because in Gramps I have entered the details of that tax record in the description field of the event, I can search on this in the page created by DenominoViso. Those persons not showing up while it is expected, can easily be identified for further research.

Why

If your tree of ancestors/descendants grows a bit bigger, traditional graphical representations run out of space and you are left with viewing only part of your tree. The DenominoViso plugin mitigates this by dropping names and other textual details from the boxes that make up a tree so that many more boxes, thus a larger section of the tree, can be put in view.

How

The consequence of this is that the document needs to be interactive to determine which box belongs to which person, thus DenominoViso creates a graphical webpage in SVG/XHTML/javascript. Such a document can be displayed with standard compliant browsers such as Firefox or Opera (Internet Explorer will **not** do).

What is seen on the webpage is typically a tree structure consisting of many boxes. Hovering the mouse over a box shows the name of that person on the statusbar (browser settings must allow javascript to set text on the statusline, something which is at present typically switched off by browsers in their standard configuration). Clicking on a box displays the known details about that person.

Features

1. Flat access to the data. Gramps is very hierarchical opening window after window. This is good for data entry, but not so for data display. A page created by DenominoViso shows all information about a person with a single click and some scrolling.
2. Easy searching. The webpage contains a text entry and a selection field which make it easy to search on names or other properties.
3. A single page website. Gramps can create a website, but it is too bulky for my taste. DenominoViso typically puts all textual information in one big file.
4. Mixing family and person events. Gramps displays family events in another window than personal event. Birth of a child though, would be considered by most people as a major event during their live. DenominoViso can mix family events with personal events and represents them in chronological order.
5. Fine grained control over what gets included. DenominoViso has many options that control what gets included in the webpage. Some can be included by setting a simple checkbox, others however are very advanced and should only be used by people with some experience. For example the confidence level of the source of an event can be indicated by a color; to the best of my knowledge there is no other report that can display this information.

What's in a name

The name DenominoViso is derived from a use-case I had not realized before I wrote this plugin. It means something like "let's have a look at namegiving". It turns out that in my family not only family names can be traced back over centuries, but also firstnames where children are typically named after their grandparents or great grandparents if there are many of them. Pages created with the DenominoViso plugin are ideal for this, just enter the specific part of the name in the search field and search for "Name".

Version History

- Gramps 4 - Update of Gramps 3 version, to support GTK+3 and python 3. No new functionality was added.
- Gramps 3 - An update of the Gramps 2.x version, to work with the new plugin-architecture. No new functionality was added.

Issues

- Help URL does not lead here.
- [6486](#): Duplication in graphical reports when first cousins marry
- [??](#) Repository information is at present not included in the page created by DenominoViso.
- [Other minor issues reported on github](#)

See Also

- [Web Solutions for Gramps](#)

Descendant Count Gramplet

This is a [Third-party Addon](#).



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Unless otherwise stated on this page, you can download this addon by following: [these instructions](#):

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This Addon/Plugin system is controlled by the [Plugin Manager](#).

Person	Descendants
Kaczmarek, Isabella [I0063]	188
Page, John [I0062]	188
山本, Gabriel Gustave [I1213]	184
Соколов, Louise [I1214]	183
山本, Antoine Desaure Perronett [I0766]	183
Simard, Thomas [I0769]	177
Simard, Sarah [I0768]	176
Benson, Joseph Louis(Sr.) [I0767]	176
James, James [I0729]	166
Pratt, Sarah [I1160]	165
James, Robert [I0730]	165
Serrano, Caroline [I0480]	164
James, Hugh Sr. [I0479]	164
Benson, Joseph Louis(Jr.) [I0731]	163
Richard, Jeanne [I0732]	163
Benson, Martha Ellen M. [I0478]	154
James, Thomas Sr. [I0477]	154
Moreno, Herman [I0056]	153
Moreno, Johann Henrich [I0057]	152

Buttons: Help, Close

Descendant Count Gramplet - results window sorted by number of "Descendants"

The **Descendant Count Gramplet** shows the number of descendants **for each person** in your Family Tree.

Usage

After adding the gramplet from the [People Category area sidebar](#) you can:

- Double-click on a person to show the persons edit window.
- Click name to change the active person.
- Click column titles "Person" or "Descendants" to sort alphabetically or numerically respectively. (shows a little arrow (up or down) to indicate which.)

See also

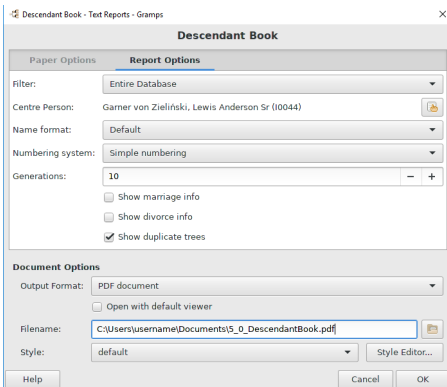
- For a single person you can use the [Descendant of <filter> match](#)

Descendant and Detailed Descendant Book Reports

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Descendant Book - Text Reports - Addon - Report Options - tab - defaults

The "Descendant Books" addon consists of two book type addons:

- **Descendant Book** and
- **Detailed Descendant Book**

Both reports are based directly off the [Descendant Report](#) and [Detailed Descendant Report](#)'s, the main difference being instead of just producing a report based on the Center Person, it allows for the use of a built in Query or Custom query. This idea is to produce as many descendant reports as is required to satisfy inclusion of all individuals within the given query.

If for instance "Entire Database" is chosen as the query to use. Then the entire database is traversed and a unique list of ancestors is determined and then a descendant report for each of these ancestors is produced.

As there is a potential to produce more than one report the best place to include these reports is under Books. If more than one report is produced a table of contents is generated to show how many reports there are.

If one only report is produced, no table of contents are generated.

Usage

- *Descendant Book* - menu **Reports > Text Reports > Descendant Book**
- *Detailed Descendant Book* - menu **Reports > Text Reports > Detailed Descendant Book**

Common uses

To date my most common usage is :

Entire Database

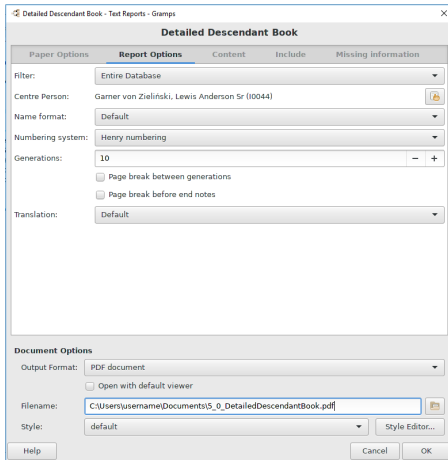
I find that running of either report using the Entire database is really useful for highlighting potential people in my database that I've not linked up, dangling tree elements etc.

Ancestors of <person>

Again really useful to get a complete accurate picture of the entire family tree of an individual, pretty much includes all cousins of this person. Up to now to print this you would first have to determine all the possible ancestors of this person, and then manually generate a descendant report for each of these ancestors. By running this report we get all these reports generated in one go and a table of contents to boot !!

Differences to Descendant Reports

Some of these differences I would hope end up in Trunk/Core, as such there are bug/feature requests logged for these. If the bugs are marked resolved then they've been integrated and you can ignore the reference here, or better still ping me to remove this reference or edit this page your self and remove it.



Detailed Descendant Book - Text Reports - Addon - Report Options - tab - defaults

Descendant Report, Suppress duplicate families

Depending on the filter chosen, a number of Descendant reports may be produced to generate the book, and as a result of this the exact same dependent family tree could get printed in more than one report. This is not an issue if only running one report, but for the purpose of this book it just means potential wasting of paper, and potential confusion. With this in mind, any report contained in the book after the first one which contains a family that has already been printed (including any/all descendants of that family), will not get printed in subsequent reports but instead will have a reference to the exact report and location in that report.

Detailed Descendant Report, Suppress duplicate individuals.

If an individual has been printed already in a previous report, instead of printing all that individuals details just provide a reference to the report and location in that report where their details can be seen. Kind of similar to the "Same as person" output seen at the moment, except it spans reports.

Detailed Descendant Report - Report Reference Section

If an individual appears in more than one report, then a new section is printed under that person. It indicates all the reports in which this person appears.

Index of Names (Detailed Descendant Report)

The index of Names is the list of all Names that appear in the Detailed Descendant Report printed in alphabetical order. Next to each name there are all references to find the person in the single reports. The user can decide whether or not print this index.

Index of Dates (Detailed Descendant Report)

The index of Dates is the list of all events' dates in the Detailed Descendant Report printed in chronological order with the descriptions. The user can decide whether or not print this index.

Index of Places (Detailed Descendant Report)

The index of Places is the list of all events' dates and description in the Detailed Descendant Report printed in chronological order. The user can decide whether or not print this index.

Installation

Versions for Gramps branches 3.4, 4.x and 5.x are available for installation via Gramps Addon manager.

- Gramps 5.x Version: via the Addon manager
- Gramps 4.x Version: via the Addon manager

Download and [manually install](#):

Descendant and Detailed Descendant Book Reports

- Gramps 3.4 Version : <http://mattman.iflaf.com/familytree/gramps/DescendantBooks-1.0.1.tar.gz>

Issues

- **Reports don't run very well under gramps 4.x branch** - Matt Keenan
- [8912](#) Gramps crashes when DescendantBooks report runs

Feature request

- [8905](#) detailed descendant report - added index of names, dates, places

TODO

1. Addition of a title page
2. Addition of page numbers to Table of Contents (PDF/ODF only)
3. If 2 can be done, then put page numbers in references as well.

DescendantsLines

This is a **Third-party Addon**.



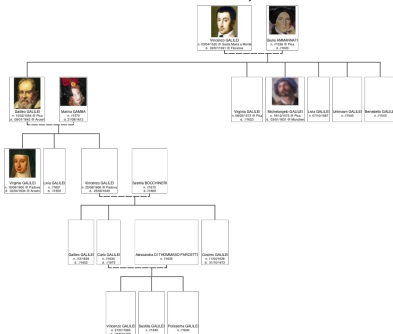
Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

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Galileo Galilei's Family



Printed with Gramps - DescendantsLines AddOn

Descendants Lines - Galileo Galilei's Genealogy example

The **Descendants Lines** Graphical Report addon generates a graphical descendants tree using orthogonal edges and routing ("square edges") in vertical mode only in which children in a family are ordered from left to right following the Gramps child order; and families are ordered right to left, top to bottom, following the Gramps family order.

Usage

- Open Gramps
- Select the report using the menu option **Reports -> Graphical Reports -> Descendants Lines...**
- On the Report Options tab choose the output path for the **Destination:** `$GRAMPSHOME/Descendants Lines.png`(default).
 - Note: That *Document Options* **Filename:** option will contain an empty file or file with a list of people after the report is run.
- Note: If the script is run in "debug mode" it generates copious terminal output such as "Unknown event type: ..." or "Unknown spouse: ...". These warnings are harmless.

Options

Descendants Lines has the following option tabs available to change:

Paper Options

See also [common options](#)

Report Options

Report Options

- **Center Person:**
- **Output format:** - The output format (PNG, SVG, PDF or PS)
- **Destination:** %GRAMPSHOME%/Descendants Lines.png(default). The output filename
- **Generations:** - Maximum number of generations to include. (0 for unlimited)
 - **Use d'Aboville descendant numbering system** - Whether to use [d/Aboville](#) descendant numbering system.
 - **Include an image**
- **Max Image height:**
- **Max Image width:**
- **Image Location:**

Report Options(2)

Report Options (2)

- **Colour Name by Gender** - Whether to use colored names indicating person gender in the output.
- **Use alternate events if primary events are not found** - for example, if there is no Birth event, a Baptism or Christening event may be substituted. For Death Events, a Burial may be substituted.
- **Sort Events by Date**
- **Text Style:** - The predefined output style
- **Maximum Note Length:** - limits the length of notes.

Display Options

Descendants Lines - Graphical Reports - Gramps

Descendants Lines

Paper Options Report Options Report Options (2) **Display**

Box around Person's block

All Person's blocks have the same height

All Person's blocks have the same width

Colour blocks by Generation

Descend block colour intensity: 64 -- +

Spouse block colour intensity: 32 -- +

Document Options

Output Format: PDF document

Open with default viewer

Filename: C:\Users\giansalvo\Desktop\temp\test1_Descendants Lines.pdf

Style: default Style Editor...

Help Cancel OK

Display Options

- **Box around Person's block**
- **All Person's blocks have the same height**
- **All Person's blocks have the same width**
- **Colour blocks by Generation**
- **Descend block colour intensity:**
- **Spouse block colour intensity:**

Display Formats

Descendants Lines - Graphical Reports - Gramps

Descendants Lines

Display Formats Replace Spouse and Family Children

Name Display Format: `%n{ (%n/n)}`

Descendant Display Format: `{ BIRTH }self d/yyyy< @ >D
{ Occupation, Degree, Education }self d/o yyyy/mm/dd< >n< @ >D
{ Census, Residence, Property }self d/yyyy< @ >D
{ Death}self d/o yyyy< @ >D`

Spousal Display Format: `{ Birth }self d/yyyy< @ >D
{ Occupation, Degree, Education }self d/yyyy< >n< @ >D
{ Census, Residence, Property }self d/yyyy< @ >D
{ Marriage, Divorce }self d/yyyy< @ >D
{ Death }self d/yyyy< @ >D(t)`

Document Options

Output Format: PDF document

Open with default viewer

Filename: C:\Users\giansalvo\Desktop\temp\test1_Descendants Lines.pdf

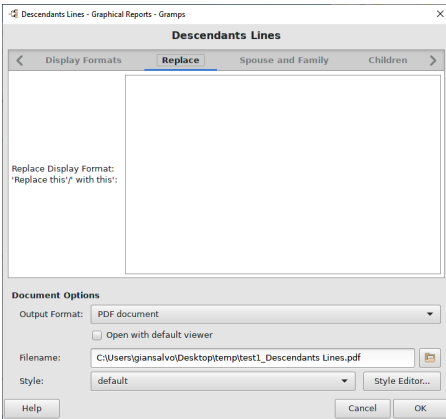
Style: default Style Editor...

Help Cancel OK

Display Formats

- **Name Display Format:** - The name format. See [Formatting](#) for more detail.
- **Descendant Display Format:** - the default settings provide for several event types and their dates and places. By changing the contents of this box, you can elect to include Events of various types, and include the dates or places and their format. See [Formatting](#) for more detail.
- **Spouse Display Format:** - the default settings provide for several event types and their dates and places. By changing the contents of this box, you can elect to include Events of various types, and include the dates or places and their format. See [Formatting](#) for more detail.

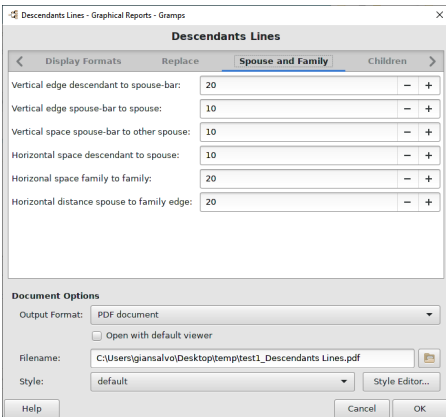
Replace Options



Replace Options

- **Replace Display Format 'Replace this?' with this'**: ie: United States of America/USA

Spouse and Family Options



Spouse and Family Options

- **Vertical edge descendant to spouse-bar**
- **Vertical edge spouse-bar to spouse**
- **Vertical space spouse-bar to other spouse**
- **Horizontal space descendant to spouse**
- **Horizontal space family to family**
- **Horizontal distance spouse to family edge**

Children Options

Descendants Lines - Graphical Reports - Gramps

Descendants Lines

< Display Formats Replace Spouse and Family **Children** >

OL_PAD:	10	-	+
Vertical edge spouse-bar to child-bar:	30	-	+
Children distance:	10	-	+
Vertical edge child to child-bar:	15	-	+
MIN_C_WIDTH:	40	-	+
Space around text:	2	-	+
Space between lines of text:	2	-	+

Document Options

Output Format: PDF document

Open with default viewer

Filename: C:\Users\giansalvo\Desktop\temp\test1_Descendants Lines.pdf

Style: default

Style Editor...

Help Cancel OK

Children Options

- **OL_PAD** - The number of ??? pad
- **Vertical edge spouse-bar to child-bar**
- **Children distance**
- **Vertical edge child to child-bar**
- **MIN_C_WIDTH**
- **Space around text**
- **Space between lines of text**

Header and Footer Options

Descendants Lines - Graphical Reports - Gramps

Descendants Lines

< Spouse and Family Children **Header and Footer** Privacy >

Title text:

Footer text:

Title and footer coefficient: 3

Document Options

Output Format: PDF document

Open with default viewer

Filename: C:\Users\giansalvo\Desktop\temp\test1_Descendants Lines.pdf

Style: default

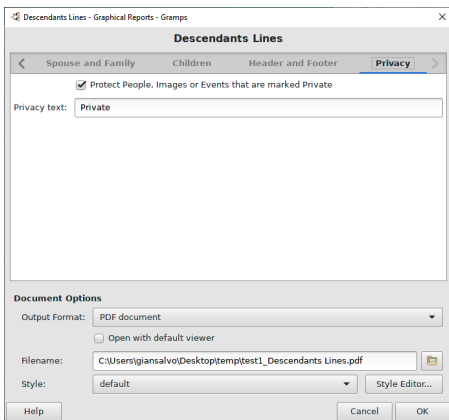
Style Editor...

Help Cancel OK

Header and Footer Options

- **Title text**
- **Footer text**
- **Title and footer coefficient**

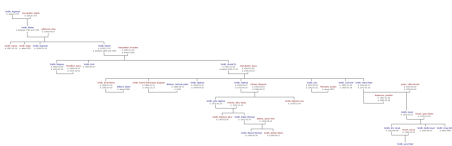
Privacy Options



Privacy Options

- **[] Protect People, Images or Events that are marked Private**
- **Privacy text:** Private(default)

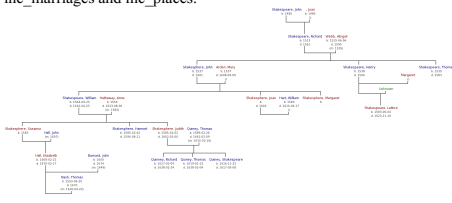
Examples



Lines of descendants chart



DescendantsLines, Left-aligned text style, example Gramps data, inc_marriages and inc_places.



Shakespeare family tree, DescendantsLines, inc_marriages



Shakespeare family tree, DescendantsLines, Left-aligned text style, including event places

- [File:DescendantsLines-m-ep.pdf](#) -- DescendantsLines, example Gramps data, inc_marriages and inc_places, PDF output.
- [File:DescendantsLines-left.pdf](#) -- DescendantsLines, Left-aligned text style, example Gramps data, use_colors, inc_marriages and inc_places, PDF output.
- [File:Charlemagne-DescendantsLines.pdf](#) -- DescendantsLines addon, inc_marriages and inc_places, PDF output, presenting a family tree of Charlemagne starting from Chloderic King of Cologne.
- [File:PepinOfHerstal-DescendantsLines-left-dnum.pdf](#) -- DescendantsLines Gramps addon, Left-aligned text style, d'Aboville numbering (inc_dnum), descendants of Pepin of Herstal or Pepin II, PDF output. Data from Charlemagne GEDCOM at [\[1\]](#) [\[2\]](#)

Tree compression and or modification

SVG format trees can be compressed and or modified manually using the program Inkscape, using the select and path tools; or using other SVG manipulating program. PNG format trees can be compressed manually by manipulating the image.

Development

There is an in-development migration of this Gtk/cairo code to a draw plugin working into Gramps (font, style, path, canvas, output formats). This migration, DescendantsLines, does not use the Document interface of Gramps.

Draft version is available on [Addons](#) repository. [addons-source/tree/master/DescendantsLines](#)

The idea is keeping Gramps XML parsing, but with a copy of the active database and use of current report environment (output formats, style, path).

Ideas

Feel free to contribute or improve DescendantsLines.

- This addon may with time become a general orthogonal family tree drawing resource for Gramps, for a View, etc., and outside Gramps as well. The PyCairo code can be connected to a view.
- Think of optional tree compression algorithms.
- Add option to include divorces.
- Add option to include spouse parents.
- Add option to include spouse ancestries.
 - Add option to include arbitrary spouse ancestries.
- Add option to include arbitrary ancestries.
- Add option to include notes.
- Add option to include sources.
- Add option to include images.
- Add horizontal mode.
- Add optional text wrap width.
- Add optional text width with use of ellipses.
- Cairo provides hyperlink support. Names could be hyperlinks to html complete individual reports or to web report pages.
- The hardcoded number option limits can be altered by users, by altering the code.

Command Line Interface

Gramps provides a cli support for running reports and tools [Gramps 5.2 Wiki Manual - Command Line](#).

- [4114](#): Would like to use stdin and stdout for command line import/export.

Current limitations

- The addon DescendantsLines does not use the Gramps document interface (*Document Options*). (perhaps the Gramps document interface options should be hidden)
- DestinationOption does not have the usual error handling and user checking (e.g. for overwriting files)
- Partial quoting of xml-syntax-like data. Data which resembles xml syntax (tags, etc) may cause error.
- Script ignores role on event (was added in 2007)
- Script ignores localized date handlers (using ISO date format, date quality in english)
- Memory limitation with a large database (DOM parsing)
- The last pixel column of each secondary line of each entry is wrong coloured (red instead black)
- Size limit: Cairo surface size limit. (32767 for height and 32767 for width [\[3\]](#))
- Some PDF output size limit (currently crossing this limit will result in an empty PDF file)

Needs

Pass 1: generate a tmp XML with only data needed for the report, to load it as input

1. Enable Person selection (Gramps ID) - *done*
 2. Generate a temp Gramps XML database matching 'IsDescendantFamilyOf' filter rule - *done*
 3. Input path - *done* (need to set `@prefix@: path_to SVN/src on const.py`)
 4. Clean-up - *done*
- simple Gramps XML template with events, persons, families objects (only export primary event role reference).
 - 'localized' dates (does not follow last DTD, which uses english and ISO format).

FINISHED - it works fine!

Pass 2: use draw report environment

1. Generate a plugins/docgen/PNGDrawDoc.py file [4447](#)
2. Move Gtk code to draw report (if possible)
3. Move cairo code to draw report (if possible)
4. Output path
5. Clean-up, pylint, etc ...

Pass 2 (Alternate): use of user-defined (mega)-widgets

1. Have a look at mega-widget request and implementation [2393](#)
2. Output path through mega-widget
3. Clean-up, pylint, etc ...

Pass 2 (Alternate): use a DestinationOption

1. Use a DestinationOption
2. Ignore standard Filename option [5545](#)

Development History

- 2007: Adam Sampson created a standalone python script for parsing data.gramps ([Gramps XML](#)). [\[4\]\[5\]](#)
- 2010: this script needs some updates for avoiding minor issues.

A modified script is available from the sourceforge addons repository. [\[6\]](#)

Libraries

The program DescendantsLines, as the script in which it is based, is written in Python, using the following prerequisites PyCairo and the Python XML library. Many Gramps modules are also used.

Issues

- See [Current limitations](#)
- [5545](#) Add a way for CATEGORY_DRAW reports to turn Gramps Document Interface Options off
- [5823](#) DescendantsLines does not display a marriage date when one spouse is unknown
- [5965](#) report produced with stale name from previous gramps session
- [10390](#) Display options in DescendantsLines graphical report do not work as advertised
- Help button does not link here.

See: [Tag: DescendantsLines](#) on Bugtracker

inc_marriages option?

This page mentions a "inc_marriages" option but none of the option tabs have that setting , was it removed? Or is it now called "Spouse Display Format"



There are option and tree combinations which may generate overlapping edges and nodes.

If using the `inc_marriages` option the `s_DOWN - s_UP` difference may need to be increased by 5-15 units depending on the tree.

See also

- [Addon:Family Tree](#) - generates horizontal orthogonal graphical trees.
- [Addon:TimelinePedigreeView](#) - displays horizontal orthogonal graphical trees.

Detailed Descendant Report With All Images

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

The "**Detailed Descendant Report with all images**" report is based heavily on the [Addon:Descendant and Detailed Descendant Book Reports](#). This report adds 2 features. The first is that it tries to display all images. The second is that it allows one to create a todo list of all todo items for each person in the tree.

Usage

- Menu **Reports > Text Reports > Detailed Descendant Report with all images...**

Options

Detailed Descendant Report With All Images - Text Reports - Gramps

Detailed Descendant Report With All Images

Paper Options	Report Options	Content	Include	Missing Information
Center Person:	Gamer von Zielinski, Lewis Anderson Sr (10044)			
Name format:	Surname, Given Suffix			
	<input checked="" type="checkbox"/> Include data marked private			
Numbering system:	Henry numbering			
Generations:	10			
	<input type="checkbox"/> Page break between generations			
	<input type="checkbox"/> Page break before end notes			
Translation:	Default			

Detailed Descendant Report With All Images - Report Options - tab (default)

Detailed Descendant Report With All Images - Text Reports - Gramps

Detailed Descendant Report With All Images

Paper Options	Report Options	Content	Include	Missing Information
<input type="checkbox"/> Use callname for common name				
<input checked="" type="checkbox"/> Use full dates instead of only the year				
<input checked="" type="checkbox"/> List children				
<input checked="" type="checkbox"/> Compute death age				
<input checked="" type="checkbox"/> Omit duplicate ancestors				
<input checked="" type="checkbox"/> Use complete sentences				
<input checked="" type="checkbox"/> Add descendant reference in child list				

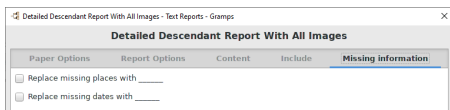
Detailed Descendant Report With All Images - Content - tab (default)

Detailed Descendant Report With All Images - Text Reports - Gramps

Detailed Descendant Report With All Images

Paper Options	Report Options	Content	Include	Missing Information
<input checked="" type="checkbox"/> Include notes				
<input checked="" type="checkbox"/> Include TODO notes				
<input type="checkbox"/> Include attributes				
<input checked="" type="checkbox"/> Include Photo/Images from Gallery				
<input type="checkbox"/> Include alternative names				
<input type="checkbox"/> Include events				
<input type="checkbox"/> Include addresses				
<input type="checkbox"/> Include sources				
<input type="checkbox"/> Include sources notes				
<input type="checkbox"/> Include spouses				
<input type="checkbox"/> Include spouse reference				
<input checked="" type="checkbox"/> Include sign of succession (+) in child-list				
<input type="checkbox"/> Include path to start-person				

Detailed Descendant Report With All Images - Include - tab (default)



Detailed Descendant Report With All Images - Missing Information - tab (default)

History

I ([Jon Schewe](#)) created this report because I wanted to print out as much information as possible for displaying at family reunions. The original detailed descendant report displays most of the information that I want, however it doesn't show all of the images and sometimes these are important. I also found it useful to list my todo items so that members of the family that are looking at the book may be able to help with the answers.

DoubleCousinReport

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#).
Unless otherwise stated on this page, you can download this addon by following: [these instructions](#).
Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.
This Addon/Plugin system is controlled by the [Plugin Manager](#).

Double Cousin is a text report which lists special multiplicities of cousins like [double cousins](#).

Usage


Once this addon has been installed:

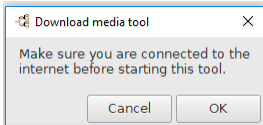
- Select Menu **Reports > Text Reports -> Double Cousin...**
- The **Report Options** tab is displayed with the following:
 - **Show info text**: If checked the reports adds an info text about double cousins at the beginning.
 - **Show Gramps ID**: If checked the persons's Gramps IDs will be added to the report.

Once you have made your choices, you can either choose or to apply the report generation.

DownloadMedia

This is a [Third-party Addon](#).

 Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



"Download media tool" - addon dialog

The **Download media tool** is designed to download pictures from websites.

If the **Preferences -> General** tab **Base path for relative media paths:** is set, then the media are downloaded there, otherwise, a folder/directory called 'mediadir' is created in the user's home directory, and the media files are put in that directory.


Example of use

This example shows how this tool would be used with the Geni website, but other websites would be similar.

1. Log into the [Geni](#) website in the usual way.
2. Create and export a GEDCOM file. In the case of Geni, instructions are at [\[1\]](#). You can go to [\[2\]](#) and select the appropriate download option.
3. In the case of Geni, the GEDCOM file is created off-line, and you get an email to say that the file is available.
4. Download the GEDCOM file.
5. Start Gramps
6. **It is strongly recommended that you create a new Family Tree** rather than import the downloaded GEDCOM into your main or active tree.
7. Import the Geni family tree into the new Family Tree.
8. If you have not already downloaded the addon, download it.
9. Click on **Tools -> Utilities -> Download media files from the internet..**
10. The **Download media tool** dialog warning message will be shown asking that you are connected to the internet and logged into the website where the images are held appears.
11. **OK** the **Download media tool** dialog
12. The **Media downloaded** dialog will report the total number of media files downloaded.

Copy the media files that you are interested in from the download location into the directory where you hold images for your Family Tree, and add the images to the Family Tree.

Note

 That some of the media references are actually references to index pages, rather than direct to the media object, and these are not downloaded. Fortunately, these usually duplicate the actual media files.

Report Options

None, no user option are available.

But provision has been made in the source code to enhance the addon in case a login name and password for the website is needed.

If a problem is encountered in this respect, please raise a bug tracker report, giving details of the website and data that are causing the problem.

Issues

- [5248](#) Media images should take weburls

See Also

- [Web Solutions for Gramps](#)

DynamicWeb report

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

Warning:



DynamicWeb may have performance issues for Family trees with more than 5000 people.

- See [Optimizations for big databases](#) section below.

Home Indexes Tree Custom page 1 ziel.garn

Footer: exported by Gramps on 2016-08-28

DynamicWeb report, tree view

Home Indexes Tree Custom page 1 Person to search for

Martel, Luella Jacques 1

Birth Name	Martel, Luella Jacques
Gender	Female
Age at death	69 years, 3 months, 5 days

Events	Media	Ancestors	Descendants	Map	Sources
Birth					Description: Birth of Martel, Luella Jacques
Death					Description: Death of Martel, Luella Jacques
Burial					Description: Burial of Martel, Luella Jacques

Footer: exported by Gramps on 2016-08-28

Last Modified: 2007-07-28 10:34:25

DynamicWeb report, person view

Home Indexes Tree Custom page 1 Person to search for

Persons Index

Name	Gender	Birth	Death	Spouses	Parents
Boucher, Cynthia Louise	F	1961		Cobb, Merrick	Boucher, Roger Joseph Page, Sylvia Louise
Boucher, David	M	?	?	Morrison, Nancy	
Boucher, David	M	?			
Boucher, Ella	F	?			
Boucher, Ellen	F	?			Boucher, William Walters, Mary
Boucher, Flannan	M	1976			Boucher, John Hawley, Stenica
Boucher, Fr. Daniel Gabriel	M	?	?		Boucher, William Walters, Mary
Boucher, Fr. Patrick	M	?			Boucher, William Walters, Mary
Boucher, Fr. Lawrence M.	M	1896	1972		
Boucher, Francis	M	?			Boucher, Thomas W. Szymanski, Mary

Show 10 entries

1 23 24 25 213

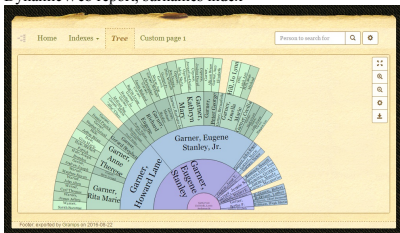
Footer: exported by Gramps on 2016-08-28

DynamicWeb report, persons index

Surnames Index (sort by name)

Warner 41 Braucher 42 Garner 43 Reed 44 Webb 45 Page 46 Douglas 47 Moreno 48 Bianco 49
 Benson 50 Cruz 51 Avarado 52 Jimenez 53 Farmer 54 Rodriguez 55 James 56 Bai 57 Todd 58
 Martin 59 Landry 60 Reeves 61 Beaulieu 62 Gibbs 63 Lesard 64 Данилев 65 Akari 66 Piller 67
 Payne 68 Brooks 69 Day 70 Christiansen 71 Wilson 72 Bennett 73 Jankovic 74 Ventic 75
 Morris 76 Hawkins 77 Without surname 78 Fyock 79 Levesque 80 Serrano 81 Neal 82 Swanson 83
 Reynolds 84 Brady 85 Peters 86 Cross 87 Bush 88 MacCoy 89 Бякоц 90 Даниноц 91 Garrett 92 Wojcik 93

DynamicWeb report, surnames index



DynamicWeb report, tree view

The **Dynamic Web Report** Addon for Gramps creates interactive web pages of the family tree database, and provides the user with options that allow a wide range of customization.

This addon is based on the [Narrative Web Report](#) native Gramps report.

Usage

The report is available from the menu **Reports > Web Pages > DynamicWeb**

Features

- Browsable and zoomable bi-directional family tree view.
 - This graphical family tree can be printed using the SVG format.
 - It can be zoomed (like google map) in order to print 20 generations or more.
 - It can show descendants or ancestry (or both), as a tree or as concentric circles.
 - Possibility to use the mouse or a context menu for navigation in the tree.
- A search form allows to perform a textual search for up to 3,000 data (individuals, places, sources, media) objects. [The Search is not shown when the object count is so high that it might impact the server performance.](#)
- Indexes can be sorted and filtered.
- Clickable pictures:
 - The clickable regions correspond to the Gramps database media references regions. See: [demo](#)
- Based on client-side Javascript:
 - No impact on server resources.
 - The web pages can be browsed on a regular web site or from your local computer.
 - The generated site is smaller, and contains less files (compared to static HTML pages).

Demos

- [Example using the default style](#)
- [Example of graphical family tree - example bis - example ter](#)
- [Example using another style](#) ('Mainz' style of the narrative web report)
- [Example of clickable picture](#)
- Indexes:

Surname index: [Example 1](#) - [Example 2](#)

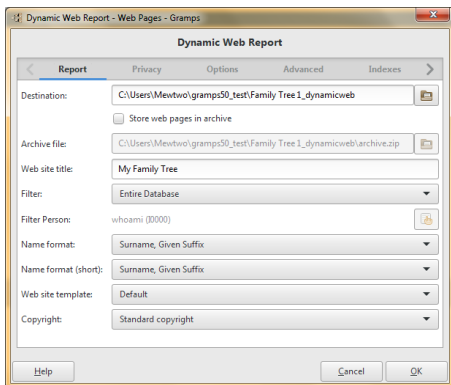
Persons index: [Example 1](#) - [Example 2](#)

Places index: [Example 1](#) - [Example 2](#)

Media index: [Example](#)

- [Example with minimal features](#) (without private data, notes, sources, addresses, gallery, places, families, events)

Help for the report generation



Configuration before the report generation

The "Dynamic" aspect of this report is very handy when coming to the report configuration. Many configuration parameters could be modified *after* the report generation, directly on the Web site. These parameters, accessible to any user of the Web site, are detailed in the section [Configuration by the Web site users](#).

The **Dynamic Web Report** dialog window has nine tabs each reviewed below.

Tab **Report**

- **Destination** (`~/yourhomedirectory/<Family Tree Name>_dynamicweb` by default):
- , The destination directory for the web files.

Files erased and overwritten

The report generation does not erase any file in the destination directory
Only the files that need to be regenerated are overwritten.

- **Store web pages in archive** (Disabled by default):
This option could be used for 2 purposes:
 - Generate an file that could be easily downloaded from the Web site:

The archive could be be in formats: `.tar.gz` or `.zip`
 - Simplify the upload of the Web site to your internet provider:

If you have trouble transferring the files to an external web host, you can create a single `gzip`'d tar file to more easily upload the data. The large number of files and directories in this web output may make it difficult to transfer the files to an external web host. Gramps has the capability of saving all of your Narrative Web files in one compressed archive using the `gzip` and tar formats (casually known as a 'tarball'). This single file can quickly be transferred to your server and uncompressed on the website host. **Unfortunately not all web servers support saving web files in this way, so contact your hosting provider for more information.**
- **Web site title** (My Family Tree default):
The title of the web site. You can enter a custom site title in this option. **It is strongly suggested to change this from the default**
- **Filter** :
Any person matching this filter who is not excluded due to the privacy rules, will be included in the output.
Choose between:
 - **Entire Database** (Default)
 - Descendants of active person
 - Descendant families of active person
 - Ancestors of active person
 - People with common ancestor with active person
- **Filter Person** (active person by default):
The center person for the report.
- **Name format** :
Select the format to display the names
- **Name format (short)** :
Select the format to display the names, in the graphical tree only.
- **Web site template** :
The report provides two built-in style sheets for you to choose from to determine the appearance or your web pages. Choose between [\[Default\]](#), or [\[Mainz\]](#).
- **Copyright** : (**Standard copyright** by default):
When creating a public a web site it is important to specify the copyright conditions under which you are publishing your data. International copyright law reserves all rights of your data to your discretion. You own the data and individuals must have your permission if they wish to

reuse that data. In genealogical research sharing data with other researchers is a common practice. Other options include the Creative Commons licenses, offering a wide range of use restrictions or none at all. Learn more about the Creative Commons at <http://creativecommons.org/>

Tab Privacy



Please note that compliance with privacy laws and individuals' privacy concerns is a researcher your responsibility.

The Gramps project cannot be held responsible for privacy law compliance or other privacy issues.

Privacy of personal information is an important issue. Gramps provides tools and settings that give you control over the privacy of your data.

- **Include data marked private** (disabled by default):
Whether to include private objects. If your intention is to provide a complete record of your research, checking this box will include all entries marked **private** along with the rest of your database.
- **Export notes** (Enabled by default):
Whether to include notes.
- **Export sources** (Enabled by default):
Whether to include sources.
- **Export addresses** (Enabled by default):
Whether to include addresses.
- **Living People** :
How to handle living people. You can control the display of sensitive information based on whether or not an individual is currently alive. However, since Gramps is a research tool, it is likely that there are individuals with no known date of death in your database. To deduce if an individual is *possibly still alive* Gramps employs an algorithm that compares death dates, birth dates, baptism/christening dates, death dates of ancestors and birth dates of ancestors. The algorithm assumes that each individual is *possibly still alive* unless the cross-referenced dates make the individual's *possibility of being alive* unlikely.
 - **Exclude** (Default): Excludes all information of all individuals who are [possibly still alive](#)
 - **Include Last Name Only**
 - **Include Full Name Only**
 - **Include**: Include all information of all individuals even if they are *possibly still alive*
- **Years from death to consider living** (30 by default):
This option is inactive if the "Living People" option is set to **Include**.



Some countries have laws that specify a certain number of years after death before an individual's information can be published. Here you can specify the number of years after death needed to comply with such laws.

Tab Options

- **Include repository pages** (disabled by default)
- **Include images and media** (enabled by default)
- **Images and media** :
Three possibilities are proposed for integrating media in the Web site.
See [Media files organization](#) section below.
- **Print the notes type** (enabled by default)



- **Print place pages** (enabled by default)
- **Include Place map on Place Pages** (disabled by default):
Whether to include a place map on the Place Pages, where Latitude/ Longitude are available.
- **Include a map in the individuals and family pages** (disabled by default)
Whether to include a place map on the pages, where Latitude/ Longitude are available.
- **Map Service** (Google by default):
Choose your choice of map service for creating the Place Map Pages
 - **Google** (default)
 - **OpenStreetMap**
- **Google map API key** :
The access to the Google Maps API requires an application key.
See [Google Maps documentation](#)

Tab **Advanced**

- **Character set encoding**: The encoding to be used for the web files
 - **Unicode UTF-8 (recommended)** (Default)
 - ISO-8859-1
 - ISO-8859-2
 - ISO-8859-3
 - ISO-8859-4
 - ISO-8859-5
 - ISO-8859-6
 - ISO-8859-7
 - ISO-8859-8
 - ISO-8859-9
 - ISO-8859-10
 - ISO-8859-13
 - ISO-8859-14
 - ISO-8859-15
 - koï8 r
- **Include family pages** (disabled by default)
- **Include GENDEX file (/gendex.txt)** (disabled by default):
This option creates a GENDEX file placed at the top of the website. You can see sites which support this format and read more about it at the [GENDEX Wikipedia article](#) (checkbox unchecked by default)
- **Enable page configuration** (enabled by default):
This enables the configuration after report generation, see [configuration by the Web site users](#) section below. This configuration is accessed with the cogwheel button on the pages top-right. It allows to configure the layout without having to export the report again. It is very helpful to find the convenient layout without re-exporting the report each time.
- **Include half and/ or step-siblings on the individual pages.**
 - Use tabbed panels instead of sections.**
 - Show last modification time.**
 - Insert sources author in the sources title.**
 - Suppress Gramps ID:**See the [help for the configuration by the Web site users](#) section below.

Tab **Indexes**

For the options below, see the [help for the configuration after report generation](#) section.

- **Default format for the surnames index**
- **Default format for the persons index**
- **Default format for the families index**
- **Default format for the sources index**
- **Default format for the places index**
- **Include dates columns on the index pages**
- **Include a column for partners on the index pages**
- **Include a column for parents on the index pages**
- **Include a column for media path on the index pages**
- **Include references in indexes**

- **Default number of entries in the indexes** (10 by default):

The number of entries per page in the index tables is memorized by the browser for each user and each table. This value is the initial default value before the users select their own preference.

Tab **Pages**

- **Header / footer**:
The Gramps notes used as header / footer could include special features, described in the [custom pages](#) section below.
- **Brand name / icon**:
The gramps note used could embed an image or any other special field described in the [custom pages](#) section below.
When no brand name/icon is used, the Gramps icon is used.
Specify an empty note for disabling the Gramps icon.

Tab **Trees**

Most of these configuration parameters could also be tuned after report generation, see [configuration by the Web site users](#) section.

- **Colors**:
The gradient colors are used for all gradients (based on generation, time period, or age).
The gender colors are set in the Gramps Preferences (in Edit menu).
The **Color scheme classic view**: It is hardcoded in Gramps. The colors are those used in the Chart view, for the "Descendant Fan", when configuring background to *Color scheme classic view*
The **Color scheme classic report**: Same as *Color scheme classic view*.
- **Duplicates**:
For people appearing several times in the tree (for example, when both parents share a common ancestor).

Tab Custom pages

It is possible to add custom pages built from a note. These pages could be used for:

- A customized home page
- A contact page
- A download page
- Etc.

These pages have the following options:

- **Title for the custom page**
- **Menu for the custom page** (enabled by default): allows to have a page without any menu.
- **Note for the custom page**: This note could include
 - Text formatting
 - Links to other Gramps objects
 - External HTTP links
 - Relative HTTP links: They are given as regular HTTP links, but in the form `relative://<relative path>`
 - Special fields:
 - These fields are given as text in the note and are replaced in the generated report.

```
Export date: __EXPORT_DATE__
GRAMPS homepage: __GRAMPS_HOMEPAGE__
GRAMPS version: __GRAMPS_VERSION__
Number of families: __NB_FAMILIES__
Number of persons: __NB_INDIVIDUALS__
Number of media objects: __NB_MEDIA__
Number of sources: __NB_SOURCES__
Number of repositories: __NB_REPOSITORIES__
Number of places: __NB_PLACES__
Search form: __SEARCH_FORM__
Embedded image: __MEDIA_<Gramps ID>__ (for example: __MEDIA_00011__)
Embedded image thumbnail: __THUMB_<Gramps ID>__
```

Tab Pages selection

Allows to enable, disable and order pages.

Media files organization

There 3 possibilities for using the media files in the report:

1. **Copy, rename files with an internal Gramps identifier:**

The media files are copied at every report generation, in the directory "image", and their names and changed into a unique obfuscated name. This behavior is identical to the [Narrative Web Site report](#).
- **Copy, keep file names unchanged:**

The media files are copied at every report generation, in the directory "image", but their names kept intact. The files that are in the same directory are copied into the same directory. The directory names are replaced by unique obfuscated names.
- **Do not copy, reference existing files:**

The media files are not copied.
The relative path from the generated report to the media files is used.
Therefore, the relative path from Web report to the media object shall stay the same between local computer and the web server where the web site is uploaded.
On Windows: The report shall be generated on the same disk drive where the media files are located.

For example:

```
The media files are located in the directory: C:\Users\Mewtwo\genealogy\media\
The report is generated in the directory: C:\Users\Mewtwo\genealogy\reports\DynamicWeb
Then the relative path is: ..\..\media
Therefore, on the web server, the media files and report shall be located in something like:
http://my.web.site.com/path/to/report/media and http://my.web.site.com/path/to/report/reports/DynamicWeb
```

Optimizations for big databases

The report was tested with a [database with over 120,000 people](#) without blocking issue.

Nevertheless, some users could have performance issues.

The technology used for this report (client-side Javascript) is not designed for managing big amounts of data.

This could lead to performance issues, for databases over 5000 people, when the configuration is not properly set. The following tunings could be used:

- The optional index columns should be discarded
- The indexes should be displayed as lists and not as tables

Another possibility is to use only a portion of the Family Tree database. Generating the report with a smaller filter enhances the performances and provides a smoother experience for the Web site users.

Do you really want to use the entire Family Tree database ?



Be aware that if you select the **Entire Database** filter option for your Family Tree database that very big files will be generated (depending on the size of your Family Tree database). It is recommended to start with a smaller filter (for example: ancestors of a certain person) to simplify the output while you learn about the Dynamic Web report.

Moreover, when rendering large datasets, the report disables some fancy features for better performances.

Then again, exporting a portion of the database helps.

Help for the Web site users

Configuration by the Web site users

<input type="checkbox"/> Use a table format for the surnames index	<input checked="" type="checkbox"/> Use a table format for the persons index
<input checked="" type="checkbox"/> Use a table format for the families index	<input checked="" type="checkbox"/> Use a table format for the sources index
<input checked="" type="checkbox"/> Use a table format for the places index	
<input checked="" type="checkbox"/> Include dates columns on the index pages	<input checked="" type="checkbox"/> Include a column for partners on the index pages
<input checked="" type="checkbox"/> Include a column for parents on the index pages	<input checked="" type="checkbox"/> Include a column for media path on the index pages
<input checked="" type="checkbox"/> Include references in indexes	
<input checked="" type="checkbox"/> Include Place map on Place Pages	<input checked="" type="checkbox"/> Include a map in the individuals and family pages
<input checked="" type="checkbox"/> Include half and/ or step-siblings on the individual pages	
<input checked="" type="checkbox"/> Insert sources author in the sources title	<input type="checkbox"/> Suppress Gramps ID
<input type="checkbox"/> Use tabbed panels instead of sections	
<input checked="" type="checkbox"/> Show last modification time	
<input checked="" type="button" value="OK"/> <input type="button" value="Restore default settings"/>	

Some configuration parameters are accessible after the report generation, using the cogwheel button at the top-right of the pages.

This cogwheel button is enabled in the **Advanced** tab, described [above](#).

- **Use a table format for the index**, for the **surnames**, **persons**, **families**, **sources** or **places** indexes:
 - When enabled, the indexes are shown as tables. These tables could be sorted by any column, and filtered.
 - When disabled, the indexes are shown as lists. When possible, these lists are indexed alphabetically. The lists could also be sorted by name, date, etc. depending on the type of data shown.
- **Include columns on the index pages** for **dates**, **partners**, **parents**, **media path**:
 - Includes the corresponding columns in the indexes, **when the indexes are shown as lists**.
- **Include references in indexes**:
 - When enabled, the references between objects are shown in the indexes, **when they are shown as lists**.
 - For example, objects citing a source are shown in the sources index.
- **Include Place map on Place Pages**:
 - Whether to include a place map on the Place Pages, where Latitude/ Longitude are available.
- **Include a map in the individuals and family pages**:
 - Whether to include a place map on the pages, where Latitude/ Longitude are available.
- **Include half and/ or step-siblings on the individual pages**
- **Insert sources author in the sources title**:
 - The source author is always shown with the source title. This covers the case when source titles are too generic, like *"baptize registry"* for example.
- **Use tabbed panels instead of sections**:
 - Changes the layout of the pages. With tabbed panels, the pages are more compact. With sections, all the data is visible at the same time (no need to switch between tabs).
 - Note: the sections are collapsible.
- **Show last modification time**:
 - Adds a modification date/time in the page footer.
- **Suppress Gramps ID**:
 - Allows to hide the Gramps ID. The Gramps ID is an identifier for each object stored in the Family Tree database. It could be used to precisely identify an element (person, family, source, etc.).
- **Restore default settings**:
 - Restores the settings used when the report was generated.
 - This button also resets the user preferences, like the number of items per pages in the index tables.

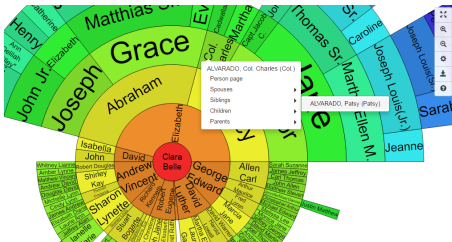
Graphical tree options

SVG tree graph type		SVG tree graph shape	
Ascending and descending tree		Horizontal (→)	
SVG tree parents distribution		SVG tree children distribution	
Size proportional to number of ancestors		Size proportional to number of descendants	
Background	Ancestors	Descendants	
Generation based grader	4	4	
<input checked="" type="checkbox"/> Show duplicates <input checked="" type="button" value="OK"/> <input type="button" value="Restore default settings"/>			

The Graphical aspect of the tree could be modified, depending on users preferences.

- **SVG tree graph type**
 - **Ascending tree** : Only ancestors of the chosen person are shown
 - **Descending tree** : Only descendants of the chosen person are shown
 - **Descending tree with spouses** : Descendants of the chosen person are shown, along with their spouses
 - **Ascending and descending tree** : Ancestors and descendants of the chosen person are shown
 - **Ascending and descending tree with spouses** : Ancestors and descendants of the chosen person are shown, along with their spouses
- **SVG tree graph shape**
 - **Vertical (|)** : Ancestors on the top of the page, descendants on the bottom of the page
 - **Vertical (|)** : Ancestors on the bottom of the page, descendants on the top of the page
 - **Horizontal (→)** : Ancestors on the left of the page, descendants on the right of the page
 - **Horizontal (←)** : Ancestors on the right of the page, descendants on the left of the page
 - **Full Circle** : Chosen person is in the center of the page
 - **Half Circle** : Chosen person is in the bottom-center of the page. **This graph shape is not available when displaying both ancestors and descendants.**
 - **Quadrant** : Chosen person is in the bottom-left of the page. **This graph shape is not available when displaying both ancestors and descendants.**
- **SVG tree parents distribution, SVG tree children distribution**
 - **Size proportional to number** : The size allocated to each individual depends on how many ancestors/descendants there are. This improves the readability.
 - **Homogeneous distribution** : The size is allocated homogeneously to each individual.
- **Background**
- **Ancestors** : Number of ancestors generations.
- **Descendants** : Number of descendants generations.
- **Show duplicates** : Outlines the people appearing several times in the tree (for example, when both parents share a common ancestor).
- **Restore default settings** : Restores the settings used when the report was generated.

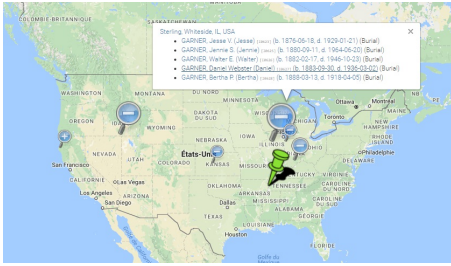
Graphical tree navigation



Tree view example

- Use the mousewheel to zoom in and out.
- Use the mouse drag and drop to move the graph.
- Use the mouse left-click to center the graph on a person.
- Use the mouse right-click to open a context menu. This menu gives access to:
 - The person page,
 - The persons related to this person (parents, children, siblings, spouses).
- Use Shift + left-click to go to the person page (same as using the context menu from the right-click).

Map navigation



Map example

- The mouse `left-click` expands the map full-screen (or restores it back).

Issues

Issues and features requests are managed in the [Gramps bug tracking system](#)

Edit Image Exif Metadata

This is a [Third-party Addon](#).

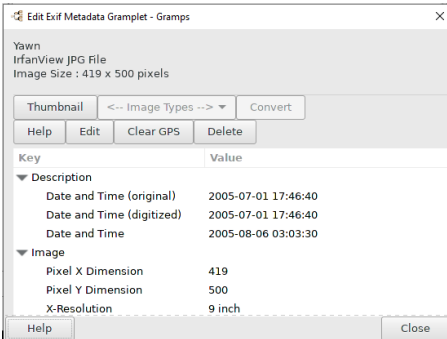


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

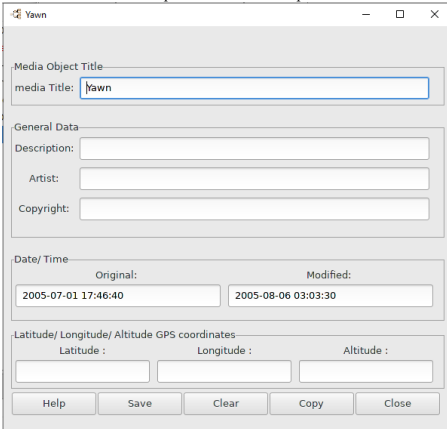
Edit Exif Metadata



was originally included in [Gramps 3.4.x and earlier](#)



Edit Exif Metadata Gramplet - detached example



Edit Exif Metadata Gramplet - Edit dialog example

The **Edit Exif Metadata** Gramplet offers an easy interface to add, edit, and remove Image [Exif \(Exchangeable image file format\) Metadata](#) from your images (*.jpg, *.png, *.tiff, *.exv, *.nef, *.psd, *.pgf).

See also the built-in:

- [Image Metadata Gramplet](#) that only displays the Exif information.

Usage

Add the gramplet

Edit Image Exif Metadata

- Initially needs to be added as a Gramplet in the Media List View category, either on bottom bar or on the side bar. Click **Views** from the Menu bar, and select **Media Views**
- Select **Edit Exif Metadata** Gramplet

General usage

- Select an image from the **Media List View** to edit its Exif Metadata.

The interface

Summary section

The top section displays a summary of the selected media object. Typically the filename, file type and image dimensions.

Buttons

- **Thumbnail** - will produce a popup showing the thumbnail.
- **<-- Image Types --> v** - Select from a drop-down box the image file type that you would like to convert your non-Exif2 compatible media object to.
- **Convert** - If your image is not of an image type that can have Exif metadata read/written to/from, convert it to a type that can?
- **Help** - brings you to this page.
- **Edit** - This will open up a new window to allow you to edit/modify this image's Exif metadata. It will also allow you to be able to Save the modified metadata.
 - **Save** - Will write the metadata to the image, and convert latitude/longitude if it is in decimal format.
 - **Clear** - Will clear all data fields
 - **Copy**
 - **Close**
- **Clear GPS** - coordinates
- **Delete** - WARNING: This will completely erase all Exif metadata from this image! Are you sure you want to do this?

Data Fields

Photographer

The name of the person or company taking the image

Select Date

Will bring up a calendar, and double-click on a date. The time will be filled in as the current time

Date

The Date/Time needs to be typed in as a very specific format:

Year Mon Day 24Hour:Minutes:Seconds

e.g.: 1826 Apr 12 14:06:00

Copyright

Can be anything that you please...

e.g.: (C) 2010 Smith and Wesson

Subject

Please enter keywords that describe the picture. (Do NOT add spaces after commas.)

e.g.: Census, Milwaukee, Oregon

Latitude/Longitude

Latitude/Longitude data can be entered in one of two ways:

1. Degrees Minutes Seconds

e.g.: 83 59 14

In this format, you will need to select cardinal direction Latitudinal reference, and longitudinal reference

If the Latitude begins with a negative number, select 'S' (South) as Latitudinal Reference or 'N' (North) if a positive number. If the Longitude begins with a negative number, select 'W' (West) as the Longitudinal Reference or 'E' (East) if a positive number.

2. Decimal

e.g.: -34.15954

In this format, the Latitude and Longitude reference will be selected for you after you click Convert GPS Coordinates or press the Save button. For foreign countries that might use a ", " instead of a ".", please use the "."

Description

Type in something about the image, the people in it or the location of the image. Non-latin characters are NOT allowed. ASCII characters only...

Prerequisites

Special Note



Before being able to use this Gramplet/Addon, you will need to download and install [gexiv2](#) or install gexiv2 from your local Linux repository. MS-Windows users, this is depends on which installer you used. Ubuntu, use the Universe repository to find gexiv2. **Also see [GExiv2 for Image metadata](#)**

Once you have installed gexiv2, see above for directions to download and install this addon...



This article's content is incomplete or a placeholder stub. Please update or expand this section.

Special Note:



Before being able to use this addon gramplet, you will need to download and install [pyexiv2](#) or install pyexiv2 from your local Linux repository. Windows user, there is an installer for you. Ubuntu, use the Universe repository to find python-pyexiv2.

Once you have installed pyexiv2, see above for directions to download and install this addon...

Pyexiv2 can be used from the command line interface (cli) as well, and from within a python script:

1. import the pyexiv2 library

```
from pyexiv2 import ImageMetadata, ExifTag
```
2. specify your image

```
image = ImageMetadata("/home/user/image.jpg")
```
3. read the image

```
image.read()
```

Exif, IPTC, XMP metadata reference tags can be found [here](#).

Example:

```
image["Exif.Image.Artist"] # Artist
Smith and Johnson's Photography Studio

image["Exif.Image.DateTime"] # DateTime
1826 Apr 12 14:00:00

image["Exif.Image.DateTime"] = datetime.datetime.now() # Add DateTime

image.write() # write the Metadata
```

Issues

- [6606](#) Gramplet does not work (Needs converting from pyexiv2 to GExiv2. (Was originally included in Gramps 3 and earlier))
 - 2018-04-02 10:33:07.872: WARNING: _manager.py: line 295: Plugin error (from 'editexifmetadata'): No module named 'pyexiv2'

See also

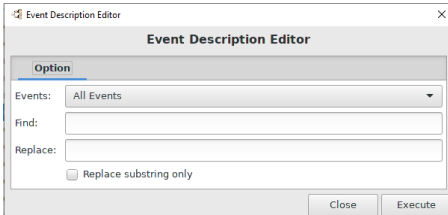
- [Image Metadata](#) - built-in Gramplet to view [Exchangeable Image Format \(Exif\) Metadata](#)
- [Media Report](#) - Gramps "Report" addon by Matthias Kemmer
- [Photo Tagging](#) - Gramps "Gramplet" addon
- [Edit Image Exif Metadata](#) - Gramps "Gramplet" addon
- [gexiv2](#) - GObject wrapper around the Exiv2 photo metadata library (a prerequisite for the **Image Metadata** Gramplet)
- Family History Metadata Working Group ([GitHub repository](#), [Facebook](#), [LinkedIn Website](#))
 - Metadata Standards v1.0 ([Exec Summary](#))
 - Metadata Standards v1.0 ([Technical Summary](#))
 - Metadata Standards v1.0 ([Full Normative Specification](#))
- [NISO Metadata for Images in XML \(NISO MIX\)](#)

EventDescriptionEditor

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



"Event Description Editor" tool - defaults

The **Event Description Editor** tool is an addon that allow you to find and replace a text string in the event description of multiple events.


- The **Description** field gives you the opportunity to give a longer description what this event is.

Usage

Once this plugin has been installed:

- Select Menu **Tools > Family Tree Processing -> Event Description Editor...**

Undo history warning

 Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and [backup](#) your database.

- From the **Undo history warning** dialogue you can choose **Stop** or **Proceed with the tool**.
- The **Options** tab is displayed with the following:
 - **Events:** **All Events**(default) - The events selected by a custom or generic filter.
 - **Find:** The (sub)string that should be found in event descriptions.
 - **Replace:** The string that should be used to replace the event description.
 - **[] Replace substring only** - If this checkbox is ticked, only the found substring will be replaced with the replace string. If True only the substring will be replaced, otherwise the whole description will be deleted and replaced by the new one

You can select **Close** to exit with no change, or enter the options you need changed and then select **Execute** to process your changes; once completed the tool will display the **INFO** dialog showing the total number of change made.

ExportRaw

This is a [Third-party Addon](#).



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The [\[\] Raw Export](#) option checkbox on the [Choose the output format](#) page

Purpose

The [Raw Export](#) adds an option to the Export Assistant feature. The option dumps your SQLite3 (*default* database engine since Gramps 5.1) or BSDDB (Gramps database; into a raw Python object representation format for low-level manipulation.

This uses the object string conversion representation returned from Python's `repr()` built-in function. It is similar to the `str()` function but intended for internal use rather than display. It can be useful for printing an element regardless of its type.

Raw output has been used for byte-wise comparisons to make sure that different import/export functions process the data correctly.

Usage

Start an export via the menu [Family Trees > Export...](#) and on the [Export Assistant dialog](#) select the [\[Next\]](#) button to get to the [Choose the output format](#) page where you can select the [\[\] Raw Export](#) option checkbox.

Example output

The output file `[filename].raw` can be opened and viewed in a text editor. Here is a sample using the [Example.gramps](#) family tree:

```
note: b39f5eacla202b44e76 ('b39f5eacla202b44e76', 'N0012', ('How did he die? We need to find out!\n\nPerhaps we find info i
note: ac380498bac48eedee8 ('ac380498bac48eedee8', 'N0001', ('Names can notes, too. This is a note for the alternate name of
....
citation: e73a40d955f403d3fafddcfc646 ('e73a40d955f403d3fafddcfc646', 'C2854', (0, 0, 0, (6, 6, 1841, False), '6 Jun 1841',
citation: e73a41d73a065efcf7ce001e9a8 ('e73a41d73a065efcf7ce001e9a8', 'C2855', (0, 0, 0, (6, 6, 1841, False), '6 Jun 1841',
tag: bb80c229eef1eela3ec ('bb80c229eef1eela3ec', 'complete', '#076780873bf0', 1, 1288512479)
tag: bb80c2b235b0a1b3f49 ('bb80c2b235b0a1b3f49', 'ToDo', '#efb60c280c28', 0, 1288512442)
```

See also

Source code:

- [ExportRaw](#) add-on
- [gramps/gen/lib](#) (see type.py)
- [Gramps data model diagram](#)
- Discourse forum thread: "[Does anyone have a list of the Raw Export addon event type codes?](#)"
- Developer documentation: [gen_lib.html#module-gramps.gen.lib.eventtype](#)
- The [Supertool \(Isotammi add-on tool\)](#) includes the ability to show repr() and str() data interactively

Extract Place Data from a Place Title

This is a [Third-party Addon](#).

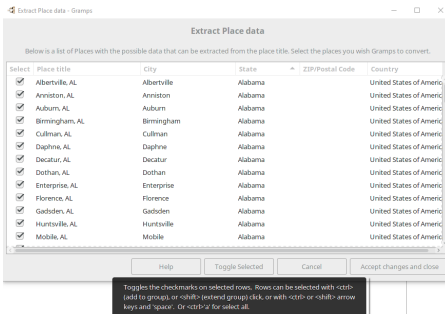


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Previously Part of [Gramps 4.2.x](#) and earlier

And now no longer part of Gramps you can download this tool from the third party addons



Extract Place Data result dialog example for the **Extract Place Data from a Place Title** tool

The **Extract Place Data from a Place Title** tool attempts to extract city, state/province and zip code information from a place title. The tool operates on places where all fields in the main location are empty.

Usage

You can access this tool via the menu **Tools->Family Tree Processing->Extract Place Data from a Place Title...**

The **Undo history warning** will be shown and you can either **Stop** or **Proceed with the tool**.

Once the report finishes the **Extract Place data** dialog results window will show a preview list of Places with the possible data that can be extracted from the place title. Un-select the places you don't wish the tool to convert and select the **Accept changes and close** button to apply the changes.

You can use the mouse or keyboard to select multiple rows at once, by using the **CTRL** or **SHIFT** keys with the mouse click, or with the space key. **CTRL + A** will select all rows.

The **Toggle selection** button will toggle the selection of all selected rows to match the top row.

You can sort the columns with a click of the column header.

Apart from the **Place title** column you can also manually edit the other column values if necessary by clicking on them.

Notes

The description must match the following categories:

New York, NY 10000

Only available for :

- USA
- Canada
- Sweden
 - Stockholm (A)

- France
 - Paris, IDF 75000, FRA or Paris, ILE DE FRANCE 75000, FRA

See also

- [Places in Gramps](#)
- [Gramps 5.2 Wiki Manual - Entering and editing data: detailed - part 2#Place Editor dialog](#)
- Title area at the top of the `Place Editor dialog` displays the description of the place to be used in reports. Gramps will construct this for you. See [Preferences > Display > Enable automatic place title generation](#)

FamilyRelationship

This is a **Third-party Addon**.



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The **Family Relationship Tool** allows you to change the relationship type for a selected set of filtered families.

Usage

Once this addon has been installed:

- Select Menu **Tools > Family Tree Processing -> Family Relationship Tool..**

Undo history warning



Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and [backup](#) your database.

- From the **Undo history warning** dialogue you can choose or .
- The **Options** tab is displayed with the following:
 - **Family Filter:** - Filter *All families* or a custom filter to restrict the amount of families where you want to change the relationship type.
 - **Relationship Type:** - Select the relationship type the families should be set to.

Once you have made your choices the image or images that should be attached as avatar images, you can either choose or to apply the change.

Family Sheet

This is a **Third-party Addon**.



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 Unless otherwise stated on this page, you can download this addon by following [these instructions](#) ;
 Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.
 This Addon/Plugin system is controlled by the [Plugin Manager](#).

Garner von Zielinski, Lewis Anderson Sr ^{[1] [2] [3] [4] (1) (2) (3) (4)} Also Known As: Garner, Louis ^{[5] (6)} Other Name: Garner, Louie Nickname: Big Louis ^{[2] [3] [4] (1) (2) (3) (4)} Social Security Number: 123-456-7890 ^{[2] [3] [4] (1) (2) (3) (4)} Description: 10 fingers, 10 toes. ^{[2] [3] [4] (1) (2) (3) (4)} Birth: Birth of Garner, Lewis Anderson on 1855-06-21 in Great Falls, MT, USA ^{[6] (7)} , Time: 10:00 pm ^[8] Death: Death of Garner, Lewis Anderson on 1911-06-28 in Twin Falls, Twin Falls, ID, USA ^{[9] (6)} , Cause: Laughter Burial: Burial of Garner, Lewis Anderson on 1911-07-01 in Twin Falls, Twin Falls, ID, USA ^[9] Address (2000-01-02): 1600 Pennsylvania Ave., Washington DC, District of Columbia, USA ^[10]	
I	Number of Children: 6 ^{[11] [12] (7)} Marriage: Marriage of Garner, Lewis Anderson and Martel, Luella Jacques on 1875-04-01 in Paragould, Greene, AR, USA Martel, Luella Jacques ^{[13] [14] [15] (7)} Birth: Birth of Martel, Luella Jacques on 1852-01-23 in Eureka, Humboldt, CA, USA Death: Death of Martel, Luella Jacques on 1921-04-28 in Myrtle Beach, SC, USA Burial: Burial of Martel, Luella Jacques on 1921-04-30 in Myrtle Beach, SC, USA
a	Garner, Eugene Stanley ^{[16] [17]} Birth: Birth of Garner, Eugene Stanley on 1895-12-01 in Portsmouth, OH, USA → 1a
b	Garner, Jesse V. ^[16] Birth: Birth of Garner, Jesse V. on 1876-06-18 in Paragould, Greene, AR, USA → 1b
c	Garner, Raymond E. ^[17] Birth: Birth of Garner, Raymond E. on 1878-09-16 in Paragould, Greene, AR, USA Death: Death of Garner, Raymond E. on 1921-05-02 in Astoria, OR, USA
d	Garner, Jennie S. ^[18] Birth: Birth of Garner, Jennie S. on 1880-09-11 in Paragould, Greene, AR, USA → 1d
e	Garner, Walter E. ^[19] Birth: Birth of Garner, Walter E. on 1889-02-17 in Paragould, Greene, AR, USA

Family Sheet - Text Report - Addon - example output

The **Family Sheet** text report creates *Family Group Sheet* which contains all available info about a specific person, the families this person is a father or mother in, and the children of these families.

The intended use for this report is to get a full output/dump of the database in well formatted paper form that is suitable to file in a folder.

Features

Each Family Sheet contains a key at the top right which is derived from the relationship from the central person in the database and the person for which the sheet is printed. For direct ascendants, the Family Sheet key is the "**Ahnentafel**" number (also known as Eytzinger, Sosa, Sosa-Stradonitz, or Kekule number). Each child is assigned a letter starting from "a", and the Family Sheet key of the child is the Family Sheet key of the parent with the child's letter appended.

The report contains full information (including all events, attributes, source references, and notes) for the key person and all its spouses. For children that had spouses, only a short section (including only name and birth event info) is printed along with a reference to the Family Sheet page on which this child would be the key person, while for children that had no spouses, full info is printed.

If recursive printing is selected from the **Print sheets for:** option, each Family Sheet is followed by the Family Sheets of the children that had spouses.

Usage

Once installed you can choose the Family Sheet Report with **Reports ->Text Reports -> Family Sheet..**

Report Options

Family Sheet

Paper Options **Report Options**

Center person: Garner, Alecia "Allie" Clare (I1335)

Print sheets for: Center person only

Use call name: Don't use call name

Print placeholders for missing information

Include sources

Include notes

"Family Sheet" "Report Options" tab - defaults

- **Center person:**
 - button
- **Print sheets for:**
 - **Center person only** (default)
 - Center person and descendants in side branches
 - Center person and all descendants
- **Use call name:**
 - **Don't use call name** (default)
 - Replace first name with call name
 - Underline call name in first name / add call name to first name
- **Print placeholders for missing information** (checkbox checked by default)
- **Include sources** (checkbox checked by default)
- **Include notes** (checkbox checked by default)

Prerequisites

For this report to work

- PIL (Python Imaging Library) needs to be installed.

Issues

- Help button does not come here.
- Formatting issue with a single person.
- No citations available.
- [0005913](#): [Family Sheet report] missing bottom border lines in LaTeX output
- [0007818](#): [Family Sheet report] Enhance RTF / Clean up formatting
- [0011748](#): Family Sheet text-report: Reports place notes and locked notes, repeatedly

See also

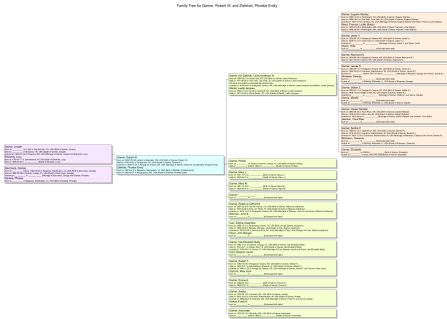
- [Family Group Report](#) - builtin report.

Family Tree

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: **[these instructions](#)**. Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Family Tree - Graphical Reports - Addon - example of results

The **Family Tree** report generates a graphical tree of a family with its ancestors and/or descendants. Similar to the standard built-in [Ancestor Tree](#) and [Descendant Tree](#) reports but with the following differences:

- Both ancestors and descendants are combined in a single report
 - On the ancestors side, father and mother are combined in a box
 - On the descendants side, spouses are included
- Marriage and divorce information is included
- The names are printed in a bigger font than the dates and places (birth date, death date, etc)
- This report makes better use of the available space for printing ancestors and the whole report is centered on the page, the boxes are also aligned in a more centered than top-aligned way

Numerous other user selectable options allowing coloring, and how various family information is display.

Usage

You can choose the Family Tree report with **Reports ->Graphical Reports -> Family Tree...**

The **Family Tree** report starts with a *center family* and can print both ancestors (to the left) and descendants (to the right).

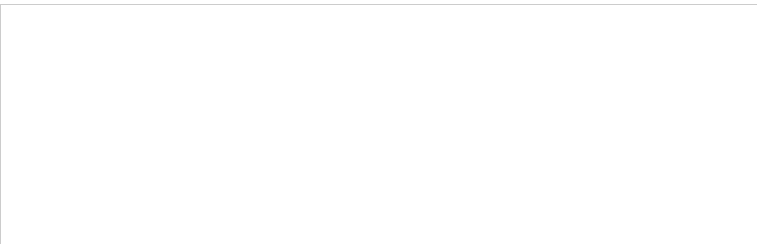
Paper Options



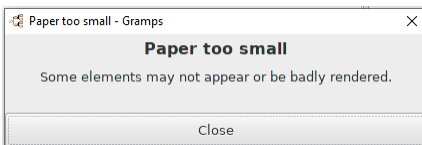
Printing on more than one page doesn't work,

you usually want to use the default **[x] scale to fit on a single page** option.

See also [common options](#)



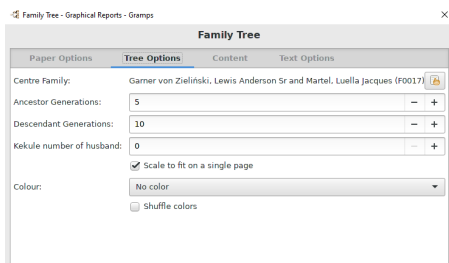
If the report determines that the paper size is not large enough you will see the warning dialog



Paper too small: Some elements may not appear or be badly rendered.

and you should choose a larger paper size or reduce the number of generations to be shown.

Tree Options

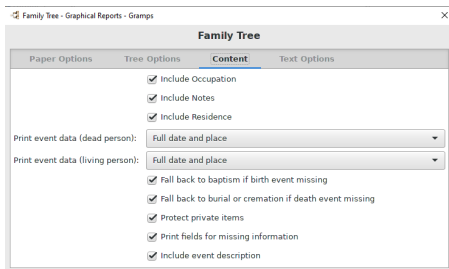


Family Tree - Graphical Reports - Tree Options - tab default options

- **Center Family:** you can choose the family to center the report around.
- **Ancestor Generations:**
- **Descendant Generations:**
- **Kekule number of husband:**
 - Scale to fit on a single page
- **Colour:**
 - Shuffle colors

The report can be colored, with various coloring options

Content Options

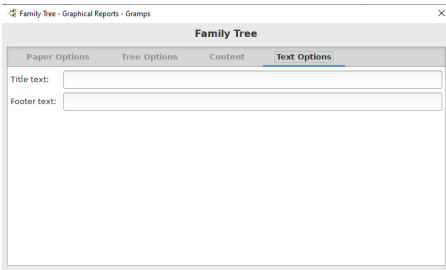


Family Tree - Graphical Reports - Content - tab default options

- You have the option to print occupation and residence.
- There are 3 predefined ways of formatting the birth/death/marriage/divorce data: year only, full date, or full date and place
- Include Occupation
- Include Notes
- Include Residence
- **Print event data (dead person):**
- **Print event data (living person):**
- Fall back to baptism if birth event missing
- Fall back to burial or cremation if death event missing
- Protect private items

- **Print fields for missing information**
- **Include event description**

Tree Options



Family Tree - Graphical Reports - Text Options - tab default options

- **Title text:** - if left blank the report will print "Family Tree for [Person one] and [Person two]".
- **Footer text:** - if left blank the report will print nothing

Callname handling

This report has an some experimental options to

- use the call name instead of the first name,
- or to underline the call name (only works with PDF output)

To activate callname handling, you need to apply the patch in [8003](#) uncomment in the `FamilyTree.py` the line

```
# menu.add_option(category_name, "callname", callname)
```

- The report uses `<u>...</u>` to underline the call name if the call name is a part of the first name. This only works with CairoDoc based output (direct printing, PDF export) and HTML output.

Issues

- Help button wrong page
- [7018](#): Family Tree report no longer underlines call name in PDF output

See also

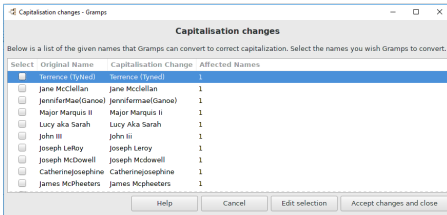
- [Addon:DescendantsLines](#) - generates vertical orthogonal graphical trees.

Fix Capitalization of Given Names

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Fix Capitalization of Given Names - Addon - example of results

Searches the entire selected Family Tree (database) and attempts to fix capitalization of the given names.

Usage

You can use this tool via menu **Tools->Family Tree Processing->Fix Capitalization of Given Names...**

This tool is a Addon and once installed works almost identically to the built-in [Fix Capitalization of Family Names](#) tool.

Issues

- Help page does not go here

Forms Gramplet

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

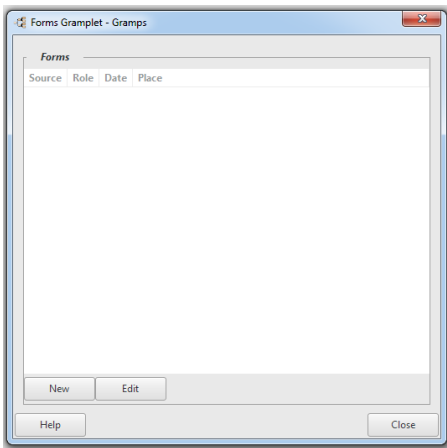
Unless otherwise stated on this page, you can download this addon by following: [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

Census or Form?



Please note the *Form Addons* are an upgrade released in 2015 to expand the flexibility of the original Census Addons. The *Form Addons* supersede the [Census Addons](#) from Gramps 4.2.X



Forms Gramplet - Shown Undocked from Bottombar Of People Category View

The Form gramplet allows users to create and edit structured source data in a single form. It makes the meticulous process of recording all the discrete elements far less fussy and error-prone.

The [Form gramplet](#) has been enhanced to handle other [forms](#) such as birth, marriage and death certificates and parish register entries as well as the originally supported census forms.

Using a Form doesn't mean creating data that can only be accessed with the Form tool. You can forego using the Form Gramplet at any time but still see and edit the data that was entered. The Form gramplet merely streamlines creating Events with the [Attributes](#) to separately store elements of data from a structured source. You *could* do the same process using the standard Gramps editors... it would just involve a lot more steps per Person or Event.

Forms Gramplet

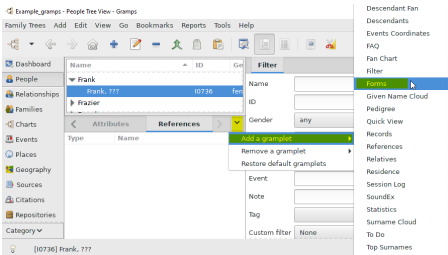
Before using the forms addons



You need to define the form that describes the information contained within a source.

See: [Configuration](#)

Adding the Forms Gramplet

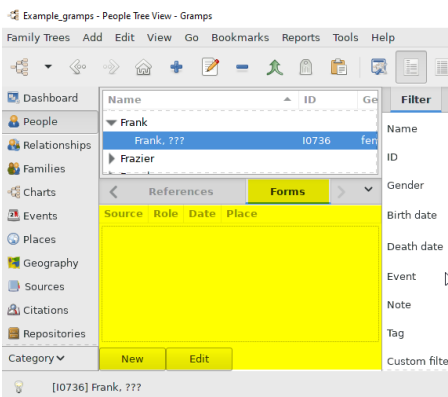


Adding Forms Gramplet to bottombar of People Category (Tree) View

The **Forms gramplet** is designed to be added for the bottombar **People Category** (*Grouped* or *List*) view modes of Gramps. (After [installation](#), this gramplet will be available for addition in all these locations: the [sidebar/bottombar option](#) for the following views: **People**, **Relationships**, **Charts**, and **Geography**.)

Select the **Forms** menu option from the **Add a gramplet** submenu of the [Gramplet selection menus](#). Accessible by pressing the (Down Arrowhead button) in the view's sidebar or bottombar.

The blank **Forms Gramplet** will be shown docked as below.



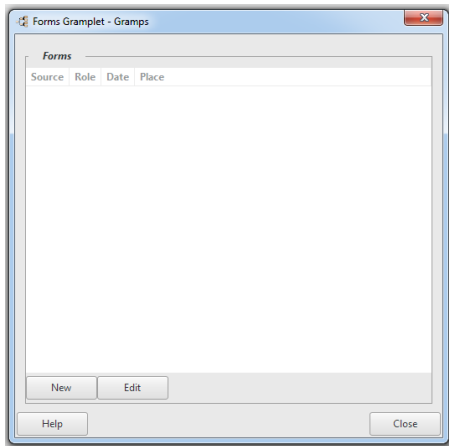
Forms Gramplet - Shown docked In Bottombar Of People Category View

Initial Configuration for each source

Before using the forms addons you need to define the form that describes the information contained within a source. See: [Configuration](#)

The Forms Gramplet lists all the events for the active person that can be edited using the form editor. The listing displays the source, date and place of the event together with the role the active person performs in the event.

A new event can be created by clicking the button at the bottom of the **Forms Gramplet** which will show you the [Select Form](#) selector dialog where you can choose the form to use. Once you select a form you will be taken to the [Form Editor](#).



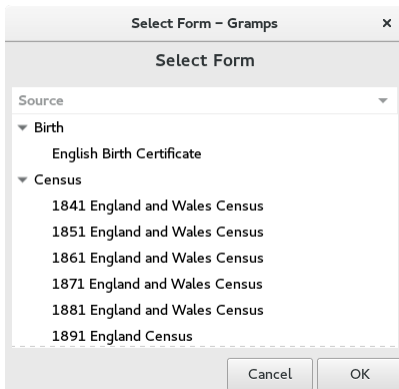
Forms Gramplet - Shown Undocked from Bottombar Of People Category View

An existing event can be edited either by highlighting a row and clicking the [Edit](#) button or by double-clicking on a row to bring up the [Form Editor](#).

If the [Forms Gramplet](#) is undocked you can use the [Help](#) button to see this page.

Form Selector

The form selector allows the user to select a source that has been associated with a form. The sources are grouped by event type.



If the [Form Selector](#) list is empty then you need to define the form that describes the information contained within a source. See: [Configuration](#)

Form Editor

The form editor is designed so that most data for an event can be entered into a single form.

- First a citation reference should be entered. This should comprise of one or more references that uniquely identify the citation. For example, in the case of a UK census you will need to enter the PRO reference, Piece, Folio and Page.
- The date of the event can be entered. For a census, the date is populated automatically.
- A place can be selected in the usual Gramps manner.


Details tab



The "Details" tab provides an area which allows the user to enter data specific to individual people listed in the source. This tab can be divided into sections. Each section consists of people performing the same role in the event.

New Form – Gramps ✕



Source: English Birth Certificate

Reference:



Date: 

Place: *To select a place, use drag-and-drop or use the buttons*  



Details Headings Gallery

Child  



Name Sex

Father  

Name Occupation



Mother  


Name Maiden Surname Occupation

Informant  

Name Description Residence



Person Section



A person section allows information about a single person to be entered. A new person can be created and selected by clicking the  button. A person already in Gramps can be selected by clicking the second button (). The user is prevented from entering data until a person is selected.

Deceased  

Name	Sex	Age	Occupation	Cause of Death
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Family Section

A family section allows information about two people belonging to a family to be entered. A new family can be created and selected by clicking the  button. A family already in Gramps can be selected by clicking the second button (). The user is prevented from entering data until a family is selected.

Groom  






Name	Age	Condition	Occupation	Residence
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Bride

Name	Age	Condition	Occupation	Residence
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Multiple Person Section

A multiple person section allows information about multiple people to be entered. A new person can be created and then added to the section by

clicking the  button. A person already in Gramps can be added to the section by clicking the second button (). A person can be removed from the section by clicking the  button. The order of people in the section can be changed by highlighting a row and then using the up  and down  arrow buttons.

Witnesses     

Name
 Smith, John
 Jones, Mary

Headings tab

The **Headings** tab provides an area which allows the user to enter data specific to the event listed in the source.


Gallery tab

The **Gallery** tab provides the ability to add media to the event. This is done in the same way as in the standard Gramps editors.

Configuration

Before using the form addons, you need to define the form that describes the information contained within a source.

To do this you need to edit each [Source](#) and add an entry in the **"Attributes"** tab. The entry **must** have a key of "Form" and a value which is a [Code](#) that uniquely identifies the form to be used eg: UK1841



Translated Gramps


If you are using Gramps in a language other than English, enter the translated version of the key (e.g. In French, "Formulaire" instead of "Form").


Source: 1841 England and Wales Census - Gramps x


Title:






Author:


Pub. info.:

Abbreviation: 

ID: Tags: 

Notes Gallery **Attributes** Repositories  References

 Type	Value
Form	UK1841

Help Cancel OK

Supported form definitions

To see a full list of the supported [code](#)'s for definitions included with the addon that are available, See: [Addon:Form Definitions](#)

Writing your own form definitions



Note

Make sure that your definition file is saved using UTF-8 encoding.

If a form you require is not in the list of supported [definitions](#) then you can write your own.

Form definitions are stored in XML files. These are located in the Form directory beneath your [user plugins directory](#). The file called `form_xx.xml` (where `xx` is a country code), is provided in the download, and contains some common definitions. Additional files called `custom.xml` and `test.xml` will also be searched.

Definition files consist of an XML declaration followed by a `forms` element.

```
<?xml version="1.0" encoding="UTF-8" ?>
<forms>
</forms>
```

The `forms` element contains a number of `form` elements, each representing a form definition. The form start-tag contains 4 attributes:

- `id`: A unique code to identify the form definition. You will use this code in the "Form" attribute of the source.
- `type`: The type of the event created by the form editor. This value will appear in the "Type" column of events ("EventType"). It would be wise to avoid standard ones, for example, to add death information you could specify "Death.Info" or another one you make up (Data loss is possible otherwise).
- `title`: A description of the form. It should be possible to use anything here.
- `date`: An optional date in a Gramps date format. This is only useful for census definitions or similar events that happen on a specific date.

```
<form id='UK1841' type='Census' title='1841 UK Census' date='6 Jun 1841'>
```

The form is divided into sections which describe the information that needs to be captured for people performing a given role in the event. Each form element should contain at least one section element. The `section` start-tag can specify these 3 attributes:

- `role`: The role that people in this section perform in the event. This value will appear in the "Role" column of events ("EventRoleType").
- `type`: The type of section. This defines how a section is displayed and people are selected. Allowed values are: 'person' for a single person, 'multi' for one or more people, or 'family' for two people selected by a family.
- `title`: This is used when displaying the section on the form and provides the only way to visually tell multiple sections apart. In a marriage you would have a "Husband", a "Wife" and possibly others such as "Witnesses".


```
<section role='Primary' type='person' title='Child'>
```

Each section element should contain a `column` element for each column in the section. Column elements describe information that may be recorded for each person in the section.

A column element contains:

- An `_attribute` element. This contains the key used to store column information in the attributes of event reference objects within the Gramps database (The "Type" Attribute of the reference information for the event. If you use "Name" then the selected person's name will be pre-filled. Once defined this text must not be changed.
- An optional `longname` element. This contains a fuller description of the column and is only used for tooltips (when you hover the mouse over the field in the form).
- A `size` element. This contains the size of the column in the census report. It is a percentage of the page width. The sum of all size elements in a definition should total 100%.

```
<column>
  <_attribute>At Home</_attribute>
  <_longname>Working at Home</_longname>
  <size>6</size>
</column>
```



Note

The underscore is important and indicates that the text should be translated by translators.

Each form element may optionally contain `heading` elements. Heading elements describe information that is recorded once for each form.

A heading element contains:

- An `_attribute` element. This contains the key used to store information in the attributes of the event objects within the Gramps database.

```
<heading>
  <_attribute>City or Borough</_attribute>
</heading>
```

Although you can add your definitions to the pre-defined entries in `form_xx.xml`, it is recommended you create a separate file called `custom.xml` or `test.xml` for this purpose.

Tips on debugging your custom form definitions

After creating or updating a form (in `custom.xml` or `test.xml`) to make sure your Form is correctly formatted use a text editor that includes an XML mode and syntax check, (like `NotePad++` and install the "XML Tools" plugin), then the editor will be able to tell you if your Form's XML code is formatted correctly.

If the XML form check worked then start Gramps to test it and if the `[New]` and `[Edit]` buttons don't appear in the `Forms Gramplet` then there is a good chance that an XML syntax (or other) error has occurred. The `Forms Gramplet` will not tell you where the error is, but luckily you may get a message in `grampsXX.log` (in the root of gramps user directory) that may look like:

```
Traceback (most recent call last):
```

```
File "C:\Program Files\GrampsAI064-5.1.2\gramps\gen\plug\_manager.py", line 252, in load_plugin
  _module = self.import_plugin(pdata)
...
File "C:\Users\<-username>\AppData\Roaming\gramps\gramps51\plugins\Form\form.py", line 114, in __load_definitions
  dom = xml.dom.minidom.parse(definition file)
File "AIO/xml/dom/minidom.py", line 1958, in parse
File "AIO/xml/dom/expatbuilder.py", line 911, in parse
File "AIO/xml/dom/expatbuilder.py", line 207, in parseFile xml.parsers.expat.ExpatError: mismatched tag: line 12, column
```

If there are other (non-syntax) errors in the file then when you use the [New](#) button and select the form, it will probably fail and suggest you restart Gramps, if you open the details first you will see some information which may give you a clue as to where the issue is (start from the bottom of the error message), the following is an example:

```
25285: ERROR: grampsapp.py: line 157: Unhandled exception
...
File "C:\Users\<-username>\AppData\Roaming\gramps\gramps51\plugins\Form\editform.py", line 995, in __init__
  title1, title2 = title.split('/')
ValueError: not enough values to unpack (expected 2, got 1)
```

For the example error above, the title was fine, the Forms Gramplet was reporting that one of the entries in the custom form was incorrectly typed and should be exactly like the supported [form elements](#).

Submitting your form definitions

Once you have written some custom form definitions, you may wish to share them with the Gramps community.

A [Addon:Form Testing](#) area is available for this purpose.

See existing [Addon:Form Definitions](#) for a current list.

Issues

See issues attached to the [Forms](#) tag.

See also

- [Civil registration](#) From Wikipedia, the free encyclopedia
- [Vital records](#) From Wikipedia, the free encyclopedia
- [Census](#) From Wikipedia, the free encyclopedia
- [Data Entry Gramplet](#) addon that allows an easy method of editing previously added people, and adding new and related people in your family tree.

Form Tutorials

- Using the Form Gramplet, By Tim Graham, Photo Restorations by Tim G.
 - [Using the Form Gramplet](#) - Shows an older version of the Form addon (Published on Aug 4, 2016) Note: Video says it can be installed on the Dashboard and or the Charts page but current version cannot.
 - [Defining Custom Forms for the Form Gramplet](#) - Shows an older version of the Form addon (Published on Aug 1, 2016)

Support forum threads

- [1950 US Federal Census](#) : Includes an [importable sample](#) of using the Forms Gramplet

GEDCOM Extensions

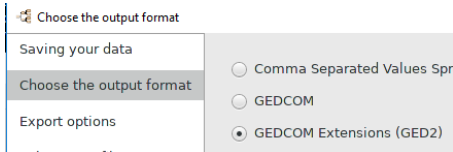
This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Available for Gramps 4.x and higher.



This Addon has a collection of unofficial GEDCOM extensions which extend [Gramps GedcomWriter](#) to include common non-compliant GEDCOM additions.

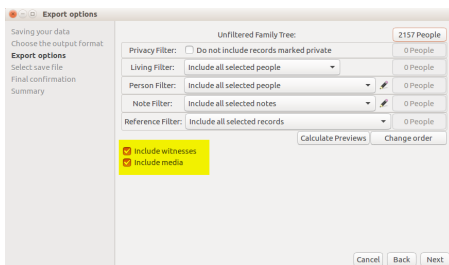
If the feature you want is not listed below, then you can either add it yourself, or ask a developer to help you.

Export GEDCOM Extensions

The following GEDCOM Extensions are supported:

- Exports witnesses associated with a family event
- Include media

Usage



To run the exporter, select **Family Trees > Export...**, press **Next**, on the **Choose the output format** dialog select **"GEDCOM Extensions (GED2)"**, press **Next**. On the **Export options** dialog select the relevant GEDCOM extension option:

- **Include witnesses** - (checked by default) Exports witnesses associated with a family event
- **Include media** - (checked by default)

Then press **Next**, and after selecting the save location and applying the export the data should be exported to a file with the extension ".ged2".

Afterwards, you can change the extension from ".ged2" to ".ged" and treat as a normal GEDCOM file.

Warning



There is no associated .ged2 importer in Gramps, so the **export is one-way only (out of Gramps)**. It should be possible for someone to also write an associated GEDCOM importer to handle the extensions to bring them into Gramps as well.

Import GEDCOM Extensions

There are no import extensions currently supported.

See feature request:

- [10550 Refactor Gramps GEDCOM import so as to support GEDCOM extension addons](#)

See also

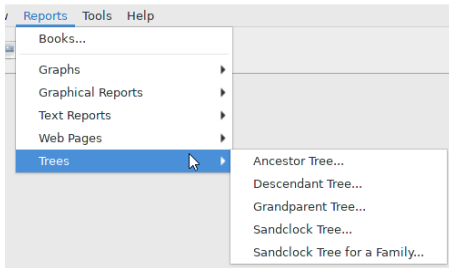
- The source code is available from [addons-source/blob/master/GedcomExtensions/GedcomExtensions.py](#).
- [GEDCOM](#)

GenealogyTree

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Main menu showing all four reports for Addon:GenealogyTree

The **GenealogyTree** addon creates professional looking trees for the active person in the [LaTeX genealogytree \(the Pedigree and genealogical tree diagrams package\)](#) file format. The following reports are available:

- [Ancestor Tree](#)
- [Descendant Tree](#)
- [Grandparent Tree](#)
- [Sandclock Tree](#)
- [Sandclock Tree for a Family](#)

Usage

From the menu select **Reports > Trees > [Xxxxx] Tree...** where [Xxxxx] is one of the available reports.



For a large family tree

Make sure to select a large enough paper size in the **Paper Options** tab as the reports [currently](#) do not scale well.

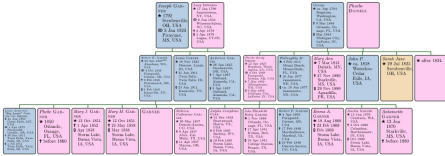
- Output is to [LaTeX File](#) (*.tex) by default. This format is generally intended for print production and may not be suitable for *viewing* the resulting tree chart. Installing an [additional program](#) to automatically convert to a .pdf format file is highly recommended.

See [Common options](#)

Tree examples

Example output for each tree report.

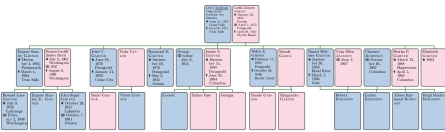
Ancestor tree



Ancestor tree - example for Addon:GenealogyTree

Creates a tree chart showing the ancestors of the active person.

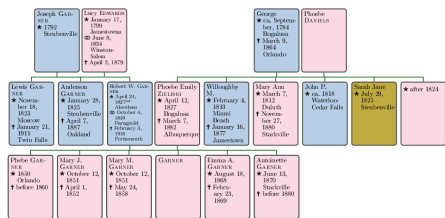
Descendant tree



Descendant tree - example for Addon:GenealogyTree

Creates a tree chart showing the descendants of the active person.

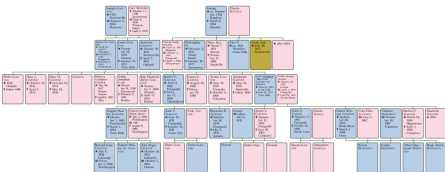
Grandparent tree



Grandparent tree - example for Addon:GenealogyTree

Creates a Grandparent tree for the selected person.

Sandlock tree

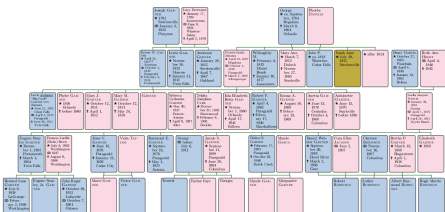


Sandlock tree - example for Addon:GenealogyTree

Creates a Sandlock tree for the selected person.

A sandlock connects ancestors and descendants starting from a single proband (active person).

Sandlock Tree for a Family



Sandlock Tree for a Family - example for Addon:GenealogyTree

Creates a Sandclock tree for the selected family.

Prerequisites

Output is only to **LaTeX File** (*.tex) which by default is displayed as plain text with layout annotation in the preferred Text viewing application for your OS unless you have installed a LaTeX helper application. The following prerequisite "helper" applications will interpret the layout annotation to view the fully formatted LaTeX(*.tex) file or automatically convert it to a pdf file:

- [texlive](#) including the `texlive-pictures` package which contains [LaTeX genealogytree](#) (the Pedigree and genealogical tree diagrams package)

The `texlive-pictures` package contains `genealogytree`.

The `texlive-fontsextra` package is required for non-latin fonts.

See specific instructions for your operating system.

- [Linux](#)
- [Apple MacOS](#)
- [Microsoft Windows](#)

Linux

Debian/Ubuntu

- TeX support, at least 'texlive-base', 'texlive-binaries', 'tex-common', 'luatex' packages
- for internal PDF output file format needs LaTeX support (e.g., 'texlive-latex-base' package)
- for `genealogytree` needs 'texlive-pictures' package

or download and install '[genealogytree](#)' for the last version:

```
$ mkdir -p ~/texmf/tex/latex/genealogytree or /var/lib/texmf, /usr/local/share/texmf
$ cp ./genealogytree/* ~/texmf/tex/latex/genealogytree
$ texhash ~/texmf
```

Same for '[tcolorbox](#)', and maybe for fonts: '[libertines](#)', '[mweights](#)', etc ...

```
$ cp ~/texmf/tex/latex/libertine/map/libertine.map ~/.texmf-var/fonts/map/pdfteX/updmap/pdfteX.map
$ updmap --enable Map=~/texmf/tex/latex/libertine/map/libertine.map
$ sudo mktexlsr
$ sudo updmap-sys --enable Map=~/texmf/tex/latex/libertine/map/libertine.map
```

- need 'texlive-latex-extra' (for `xkeyval`) and 'latex-tools' (for [shellesc](#)) or install the base [\[1\]](#)
- can also update '[pdfTeXcmds](#)' and '[pgf](#)'



This article's content is incomplete or a placeholder stub.
Please update or expand this section.

Apple MacOS

Install the MacTeX distribution.

- <https://www.tug.org/mactex/>



This article's content is incomplete or a placeholder stub.
Please update or expand this section.

Microsoft Windows

You can enable automatic output to PDF on Microsoft Windows as by default these reports only output to the LaTeX("*.tex" extension) file type which are not suitable for viewing.

For our Microsoft Windows TeX/LaTeX environment you will use [MiKTeX](#) we only need to download the basic installer from:

- <https://miktex.org/download/>

Start the MiKTeX installer and during install:

- select **Install MiKTeX only for me (YOURUSERNAME)**
- and change **Install missing packages on-the-fly** to *Yes*

after successful installation of MiKTeX do the following once only:

Start the [Microsoft Windows command console prompt](#) (cmd.exe) and type:

```
lualatex --version
```

If that works then you are ready to have MiKTeX install the additional missing packages, start Gramps and create a one of the **Reports > Trees > [XXXXX] Tree...** reports and for the LaTeX(".tex" extension). Now in the Microsoft Windows command console prompt (cmd.exe) type:


```
lualatex FILENAME
```

where FILENAME is full pathname of .tex file you previously create in Gramps. The MiKTeX package manager will then automatically download the missing packages. When all is finished pdf file will be created in directory in which you start this command, along with two other files of the same name but with different extensions (*.log) and (*.aux) which you can ignore.

If everything goes well you will now have an additional **Output format:** option in Gramps to output the reports to the PDF(".pdf" extension) format and the builtin LaTeX(*.tex) format.

The last optional step is from the Windows StartMenu run the **MiKTeX Console** and in **Settings** change **Always install missing packages on-the-fly** settings to **Ask me (recommended)** or **Never install missing packages on-the-fly**.

PDF's created automatically with lualatex



are output to the PDF Version 1.5 (Acrobat 6.0)format which has a maximum PDF page size of 200" x 200" inches (508cm x 508cm) so choose your custom paper sizes accordingly or Gramps will show the [Report could not be created](#) dialog

See also

- Feature request [10223](#) LaTeX genealogytree reports
- <https://github.com/gramps-project/gramps/blob/master/gramps/gen/plugin/docgen/treedoc.py> (creates the *.tex file and checks for the presence of lualatex.exe on Windows or lualatex on Linux)
- [Original instructions for installing PDF output support for Microsoft Windows](#)
- [LaTeX genealogytree](#) (the Pedigree and genealogical tree diagrams package) - By Prof. Dr. Dr. Thomas F. Sturm, [documentation](#) & examples ([github](#)) - CTAN(Comprehensive TeX Archive Network) - Pedigree and genealogical tree diagrams are proven tools to visualize genetic and relational connections between individuals. The naming ("tree") derives from historical family diagrams. However, even the smallest family entity consisting of two parents and several children is hardly a 'mathematical' tree — it is a more general graph. The package provides a set of tools to typeset genealogical trees (i.e., to typeset a set of special graphs for the description of family-like structures). The package uses an autolayout algorithm which can be customized, e.g., to prioritize certain paths.
- Questions tagged [genealogytree](#) on [tex.stackexchange.com](#)

Discussions on Gramps community support forum (Discourse)

- [rendering of cousins marrying](#) and [Family Tree](#) addon report as an alternative.

Issues

See issues tagged with [GenealogyTree](#) on the bugtracker.

- The diagram doesn't scale to fit the page. For a large tree you will have to select a large paper size.
 - Only the smallest value on Paper size item will be used
 - [10512](#) Sandclock tree generates one page of (possibly) a larger report
- [10494](#) LaTeX report includes full images uncropped
- Help button url does not come here.
- No support for localized month names
- If you install only one of the reports the rest are installed also!

GeneanetForGramps

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Unreleased addon

The **GeneanetForGramps** addon allows you to import ancestors and descendants for a selected person from the [Geneanet](#) website.

Usage

Once this addon and its [Prerequisite](#) has been installed:

- Select Menu **Tools > Family Tree Processing -> Import Geneanet data for Gramps...**

Undo history warning



Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and [backup](#) your database.

- From the **Undo history warning** dialogue you can choose or .

Import from Geneanet into Gramps

- The **Geneanet Import Options** tab is displayed with the following:
 - Center Person:** - Person to process in **Geneanet** (by default the active one)
 - Geneanet URL:** - The **URL on the Geneanet** site corresponding to the person selected in **Gramps** and from who you want to import ancestors and descendants. Note that in Gramps the person should have the same birth and death date so it works.
 - Import ascendants:** - Check that box if you want to import ancestors of the person (False by default).
 - Import descendants:** - Check that box if you want to import descendants of the person (False by default).
 - Import spouses:** - Check that box if you want to import spouses of the person (False by default).
 - Level of import:** Number of upper or lower parsing you'll do in the **Geneanet** tree. If you choose 2 (default), you'll get parents and grandparents, children and grandchildren. Be careful by using large numbers as the parsing can then take a long time.
 - Force import:** Force overwrite of existing **Gramps** fields in a person replaced by the **Geneanet** Filed (False by default).
 - Verbosity:** Increase the verbosity in the text window where **Gramps** has been launched (from 0 to 4, 1 by default)

Once you have made your choices, you can either choose or to launch the import.

Note that for the parsing to work, you need to have the same firstname/lastname and birth date/death date for the person in both Gramps and Geneanet. Using force mmay overwrite this security.

Tips

Make a try by just importing ancestors to check it's working correctly for you, and the you can add more persons. Limit the level of import when starting at 2 before increasing once you verified it's working for you. Note that the plugin can also be called from the CLI:

```
usage: GeneanetForGramps.py [-h] [-v] [-a] [-d] [-s] [-l LEVEL]
                             [-g GRAMPSFILE] [-i ID] [-f]
                             [searchedperson]
```

Import Geneanet subtrees into Gramps

positional arguments:
searchedperson Url of the person to search in Geneanet

optional arguments:
-h, --help show this help message and exit
-v, --verbosity Increase verbosity
-a, --ascendants Includes ascendants (off by default)
-d, --descendants Includes descendants (off by default)
-s, --spouses Includes all spouses (off by default)
-l LEVEL, --level LEVEL Number of level to explore (2 by default)
-g GRAMPSFILE, --grampsfile GRAMPSFILE Full path of the Gramps database (under \$HOME/.gramps/grampsdb)
-i ID, --id ID ID of the person to start from in Gramps
-f, --force Force processing

Prerequisites

For the addon to work you will need to install both the [Request](#) and [lxml](#) Python modules.

Requests

Install the python module [Requests](#) otherwise you will get the following error:

```
2020-12-06 10:29:40.191: WARNING: _manager.py: line 308: Plugin error (from 'GeneanetForGramps'): No module named 'requests'
```

lxml

Install the python module [lxml](#) otherwise you will get the following error:

```
2020-12-07 00:22:41.100: WARNING: _manager.py: line 308: Plugin error (from 'GeneanetForGramps'): No module named 'lxml'
```

SQLite only supported

Also note that you need to use a SQLite DB (based on API-DB) and NOT a BSDDB for the plugin to work. When using a BSDDB base you'll get the following error:

```
File "/users/gnucash/.gramps/gramps51/plugins/GeneanetForGramps/GeneanetForGramps.py",
line 1339, in find_gramps
    ids = db.get_person_gramps_ids()
AttributeError: 'DbBsddb' object has no attribute 'get_person_gramps_ids'
```

You can [Convert a BSDDB Family Tree to SQLite](#) and then export from the previous and import into the new.

See also

- [Web Solutions for Gramps](#)
- [GitHub - beornec/GeneanetForGramps](#) - Gramplet/Script to import into Gramps persons from Geneanet
 - [GitHub - romjerome/GeneanetForGramps](#) (*fork and some modifications*)
- [Geneanet](#) uses GeneWeb engine : [Manage Family Trees](#) -> [Export](#) -> [GeneWeb \(.gw\)](#)
- [Web Connect Packs](#) - adds a Geneanet option Web Connection pop-up menu search in People View (*requires an account*)
- [Gramps on Geneanet dot org](#) - a French genealogy site with over 4 million members

[Discourse discussion forum](#) threads

- [Export to Geneanet](#)

Gramps-User [maillist](#) threads

- 2016-01-11 [Gramps importing woes](#) - Geneanet GEDCOM to Gramps 4.2.1
- 2012-07-18 [Geneanet location problème](#) - GEDCOM export missing some place enclosures

Gramps-Devel [maillist](#) threads

- 2020-12-06 [Announce of the GeneanetForGramps plugin](#) - an import tool for data provided by Geneanet

Generic DB Access lib

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Experimental library

Please only use on a copy of your Family Tree

Person objects: `len(Person.all())`

This form takes a bit of getting used to, regular Django. You need to learn the details to know the names of the tables or standard Django. There are some nice:

The **Generic DB Access lib** (AKA libaccess) is an experimental library that provides generic access to the database and the [gen.lib interface](#) (AKA The core library of Gramps objects). It was designed to simplify the manner in which developers interact with Gramps.

Usage

Example

Consider the problem of finding out how many people were born in March. Basically, we need to go through the database, get the reference (if one) to the birth event, look up the birth event, if found, get the date from it, get the month and compare it. That might look like this:

```
count = 0
for p in db.iter_people():
    birth_ref = p.get_birth_ref()
    if birth_ref:
        event = db.get_event_from_handle(birth_ref.ref)
        if event:
            date = event.get_date_object()
            if date.get_month() == 3:
                count += 1
```

This example is not unusual; you'd have to do something like this whatever it is that you are doing. And this is a simple example. It can get much more complicated. But even in this "simple" example, you have to know a lot about the gen.lib objects that make up Gramps (things like Person, Event, and Date) but you also need to know the interface to the database (things like iter_people, get_event_from_handle) and how things are linked together (handles and refs).

Here is how you would solve the above using this experimental Gramps addon:

```
from libaccess import *
init(dbstate.db)
len([p for p in Person.all() if p.birth.date.month == 3])
```

That's it. Now there's quite a bit going on here, but I think the most interesting is that this works even if a person doesn't have a birth event, or if the birth event happens to be missing (eg, the database is in an inconsistent state). By allowing this, it makes chained accessors (item.item.item) possible to use to get to the endpoint to make the comparison (month == 3). Also, one doesn't need to know anything about the database or gen.lib objects other than the field names we're interested in.

See also

- [Alternative Interfaces](#), Date: January 23rd, 2010, by Doug Blank, who introduced [libaccess](#) in Gramps 3.2.
- Source code for Gramps master: <https://github.com/gramps-project/addons-source/tree/master/libaccess>
- [GEPS : single-line sql-like filter field \(libaccess based ?\)](#), Dec 11, 2012, ...*I don't plan on developing that particular prototype[libaccess] any further...* Doug Blank
- [GEPS 017: Flexible gen.lib Interface](#) - Proposal was withdrawn as after building a prototype, it was found to be too slow for general use.
- [Addon:Isotammi_addons#SuperTool](#) - general purpose scripting tool that can be used to do "ad-hoc" queries against a Gramps family tree/database.

GetGOV

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



GetGOV gramplet

The **GetGOV Gramplet** is designed to download place information from the [GOV gazetteer](#). This information can include

- Geographical location (lat-lon coordinates)
- Foreign and former names
- Past affiliation or hierarchy of enclosed-by places.

Instead of the default [Place ID Format numbering \(Pxxxx\)](#) for the imported places, the GOV-id will be used as the Place ID. If additional imports are performed, duplicate places (even part of the Enclosed By) will be automatically merged.

Usage

It is designed to be installed as a gramplet on the [Places Category \(List/Tree\) view](#).

Version 5.x

The language is set in the **Edit -> Preferences..** tabs **Display** and is described in the [Place Format Editor](#). This is used as the preferred language for place names and types which are imported. The default language is German.

Version 4.2

If the **Preferences -> Places** tabs **Language** is set, then this is used as the preferred language for place names and types which are imported, otherwise, the preference is German.


Example

This example shows how the gramplet would be used with the GOV gazetteer website to import the place Frommenhausen.

gov.genealogy.net/search/index

Home GerWiki Magazine Events Regional research **Database** DigBib DES Software Mailingsite Forum Societies Links Help/FAQ

GDDB& FCHD GOV Local Heritage Book Addressbooks Personal columns Tombstones Immigration cards WWI Casualty List Literature-DB Meta Search

Vereine für Computergenealogie

 genealogy.net
 compgen.de

Quick Search

Place name:

Search

Extended search

The precise identification of places is essential in genealogy. Unfortunately, too few researchers care in identifying places. The project "GOV" was initiated to help historians and genealogists with the management of place references and to provide high quality data for anyone.


Over time GOV will evolve into a valuable resource for genealogists, historians and sociologists that allows unified access to a variety of location-based data, and in particular to the facts that are relevant to the work of genealogists:

- Geographical location of the place (coordinates or a position on a map)
- Several properties of a place (postal code, town-code, etc.)
- Foreign or former names
- Past affiliation (administrative, law, church, etc.)

GOV contains churches, church districts, places, districts, regions, etc. Internally, an entry is commonly referred to as "GOV object".

Extent


In GOV approximately one million entries can be found (as of November 2014).



Log into the [GOV gazetteer](http://gov.genealogy.net) website.

Home GerWiki Magazine Events Regional research **Database** DigBib DES Software Mailingsite Forum Societies Links Help/FAQ

GDDB& FCHD GOV Local Heritage Book Addressbooks Personal columns Tombstones Immigration cards WWI Casualty List Literature-DB Meta Search

Vereine für Computergenealogie

 genealogy.net
 compgen.de

Quick Search

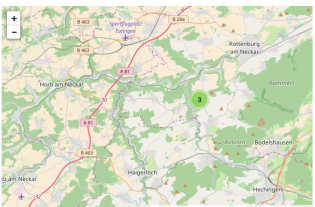
Place name:

Search

Extended search

The Historic Gazetteer

Found 3 entries in 2 ms.



Leaflet | Map data © OpenStreetMap contributors, CC-BY-SA

names	type	Superordinate objects	postal code	GOV-ID
Frommenhausen	Municipality	Rottenburg am Neckar, Tübingen, Baden-Württemberg, Bundesrepublik Deutschland	D-72108	FROSENJN48KK
St. Vitus (Frommenhausen)	parish	Rottenburg, Rottenburg-Stuttgart, Oberheinische Kirchenprovinz, katholische Kirche in Deutschland	object_270188	
St. Vitus (Frommenhausen)	church	Frommenhausen, Rottenburg am Neckar, Tübingen, Baden-Württemberg, Bundesrepublik Deutschland		STVSENJN48KK

Find the appropriate GOV-id for the place of interest. In the illustration, the search for the city Frommenhausen was used. The result identifies the appropriate GOV-id as FROSENJN48KK.

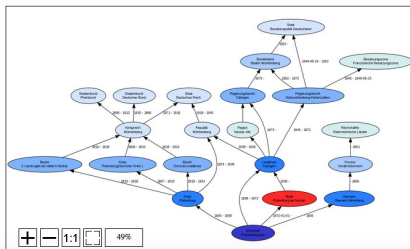
Frommenhausen

Link to this item	http://gov.genealogy.net/FROSENJN48KK
name	<ul style="list-style-type: none"> Frommenhausen (deu)
type	<ul style="list-style-type: none"> Municipality (1818) municipality (1818 - 1972) Ortschaft (1972 -)
postal code	<ul style="list-style-type: none"> W7407 (- 1993-06-30) 72108 (1993-07-01 -)
Article about this place in the genealogy.net wiki	<ul style="list-style-type: none"> http://wiki-de.genealogy.net/GOV:FROSENJN48KK
Geographic Position	<ul style="list-style-type: none"> 48.4314°N 8.8742°E TK25: 7519
Contact possibilities	If you want to get in contact with other people interested in Baden-Württemberg you can use our forum .

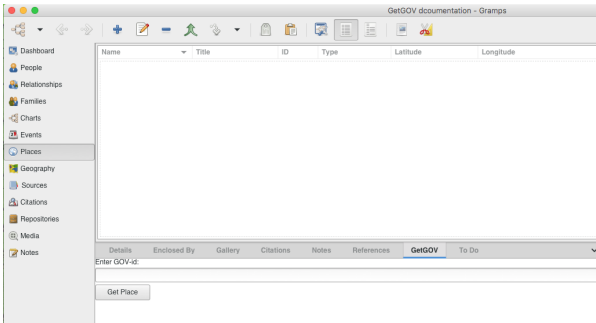


- [Bing](#)
- [Google Earth \(KML\)](#)
- [Google Maps](#)
- [MapQuest](#)
- [OpenStreetMap](#)
- [VirtualGIS Kartenforum 2.0](#)
- [wikimapia](#)

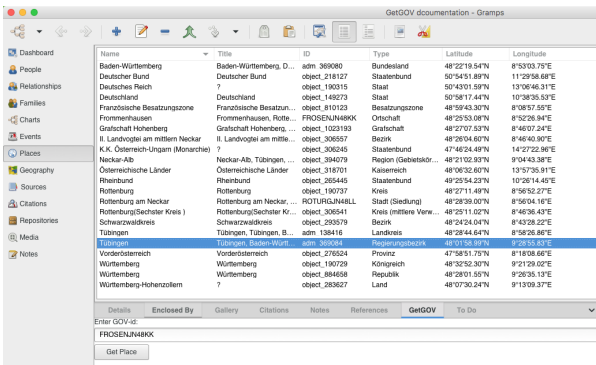
Superordinate objects



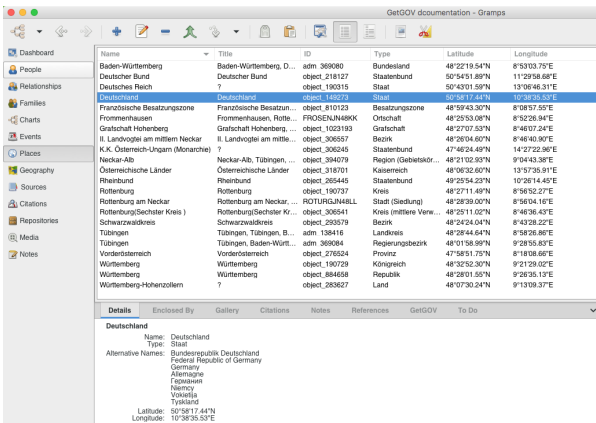
To see what data will be imported, you can drill down in to the GOV-id.



Enter the GOV-id into the GetGOV gramplet on the Places view.



The resulting places with Latitude and Longitude are loaded. Note that the Place Type is in the same language as the Place. Note that the ID is the GOV-id and not the default PXXXXX numbering. If you use the Reorder Gramps IDs tool, it will change the ID to the default PXXXXX numbering. Later use of this gramplet may import duplicate items (with different ID) since the Gramps ID is no longer the GOV-id and duplicates will not be identified. For instance, if you import FROSEJN48KK and then use the Reorder Gramps ID tool to reset the Gramps ID, if you reimport FROSEJN48KK or any other GOV place that is already imported, you will have duplicate places for every item imported.



This illustrates that multiple alternate names will be loaded if they are in the GOV database. Deutschland is the Primary name and there are multiple alternate names in different languages in this illustration.

Name	Title	ID	Type	Latitude	Longitude
Baden-Württemberg	Baden-Württemberg, D...	adm_369080	Bundesland	48°22'19.54"N	8°53'03.75"E
Deutscher Bund	Deutscher Bund	object_218127	Staatenbund	50°54'51.88"N	11°29'38.68"E
Deutsches Reich	?	object_190315	Staat	50°43'01.69"N	13°26'46.01"E
Deutschland	Deutschland	object_149273	Staat	50°58'17.44"N	10°38'35.53"E
Französische Besatzungszone	Französische Besatzun...	object_810123	Besatzungszone	48°58'43.30"N	8°08'37.55"E
Gratutschaf Hohenberg	Gratutschaf Hohenberg, ...	object_1023193	Gratutschaf	48°27'07.53"N	8°46'07.84"E
Il. Landvogt am mittleren Neckar	Il. Landvogt am mitte...	object_300507	Bezirk	48°29'04.60"N	8°46'40.90"E
K.K. Österreich-ungarn (Monarchie)	?	object_300545	Staatenbund	47°46'24.49"N	14°27'22.98"E
Neckar-Ab	Neckar-Ab, Tübingen, ...	object_384079	Region (Gebietskör...	48°21'02.93"N	8°04'43.38"E
Österreichische Länder	Österreichische Länder	object_318701	Kaisereich	48°06'32.60"N	13°57'35.91"E
Rheinland	Rheinland	object_285445	Staatenbund	48°29'34.25"N	10°28'14.40"E
Rotenburg	Rotenburg	object_190737	Kreis	48°27'11.49"N	8°56'52.27"E
Rotenburg am Neckar	Rotenburg am Neckar, ...	ROTU_R02448LL	Stadt (Siedlung)	48°28'39.00"N	8°56'04.10"E
Rotenburg(Oberrhein. Kreis)	Rotenburg(Oberrhein. K...	object_300541	Kreis (mittlere Verr...	48°28'11.02"N	8°46'38.45"E
Schwarzalbkreis	Schwarzalbkreis	object_293579	Bezirk	48°24'24.04"N	8°43'28.22"E
Tübingen	Tübingen, Tübingen, S...	adm_138416	Landkreis	48°28'44.04"N	8°58'28.80"E
Tübingen	Tübingen, Baden-Würt...	adm_369084	Regierungsbezirk	48°01'58.69"N	8°28'53.60"E
Vorderösterreich	Vorderösterreich	object_276524	Provinz	47°58'51.75"N	8°18'08.68"E
Württemberg	Württemberg	object_180729	Königreich	48°32'52.30"N	8°21'28.62"E
Württemberg	Württemberg	object_884658	Republik	48°28'01.85"N	8°28'35.15"E
Württemberg-Hohenzollern	?	object_283627	Land	48°07'30.24"N	8°13'09.37"E

Name	Type	Date
Tübingen	Landkreis	from 1938 to 1972
Rotenburg am Neckar	Stadt (Siedlung)	after 1972-01-01
Rotenburg	Kreis	from 1805 to 1938
Gratutschaf Hohenberg	Gratutschaf	before 1805

The Place hierarchy is also loaded as defined in the GOV database. This includes the Enclosed By information which may be time-dependent as illustrated.

Issues

- If you use the Reorder Gramps IDs tool, it will change the ID to the default Pxxx numbering. Later use of this gramplet will import duplicate items (with different ID) since the Gramps ID is no longer the GOV-id and duplicates will not be identified.
- **11596** Place format Language setting is not honored unless it is in lower case
- **10980** Some places are shown as "?" if imported via getGOV third party addon
- **10773** Places view shows all alternate names - even those with different languages
- **11680** GetGOV crashes Gramps when GOV gazetteer website (<http://gov.genealogy.net>) is not available
- Other open issues [tagged GetGOV](#) on the Gramps Bug Tracker.

See also

- [Addon:GeoName](#) - downloads place information from the GeoNames gazetteer.

Gramps Web Sync

This is a [Third-party Addon](#).

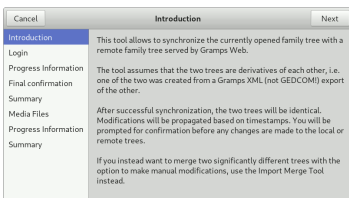


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

Not for all versions of Gramps



Released for Gramps 5.1.x *only*. This documentation is derived from the [Synchronize with Gramps](#) section of the [Gramps Web User Guide](#). Their page should be considered the definitive reference.



Gramps Web Sync

Gramps Web Sync is an addon for Gramps that allows to synchronize your Gramps database on your desktop computer with Gramps Web, including media files.

Purpose of this tool

This tool was specifically written to harmonize the tree data between a Gramps Web instance and a Gramps Desktop instance.

Make no mistake, maintaining synchronization is *hard!* And this tool is not magic, it does not make the process simple but it *is* easier than the alternatives.

Installation

The addon requires a Gramps Web account with owner privileges, Gramps 5.1 running on Python 3.7 or newer.

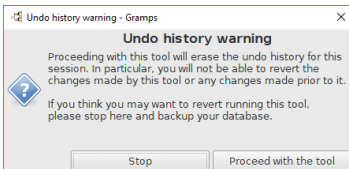
The tool can be installed like any other version 5.1 Addon tool; see [Installing Addons in Gramps](#). Specifically, the [GrampsWebSync.addon.tgz](#) archive download is available for [manual installation](#) or via the [Third party addons management](#) section of the [Edit](#) ➤ [Preferences](#) of the Gramps Desktop.

There is no installation (or user interface options) on the Gramps Web side because it communicates directly with that webservice's native restful API.

Usage

Once installed, it is run by using the [Tools](#) -> [Family Tree Processing](#) -> [Gramps Web Sync...](#)

Running Gramps Web Sync



Batch Tool warning

The tool will start with an 'Undo history warning' that suggest that you back up your work.

Gramps Web Sync

You are then presented with the Synchronization Assistant dialog with the stages of Synchronization. The first tab introduces the process.

See the [Synchronize with Gramps' page on the Gramps Web User Guide](#) for further instructions.

Login	
Introduction	Server URL: <input type="text"/>
Login	Username: <input type="text"/>
Progress Information	Password: <input type="password"/>
Final confirmation	
Summary	
Media Files	
Progress Information	
Summary	

Account Login Settings

Notes

See also

Gramps Web support discourse forum: ([About the category](#))

- [Category search for sync](#)
- [Category](#)

Graph View

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following: [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

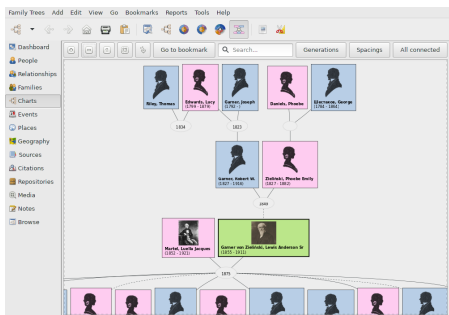
Feature is slow in larger Trees



The larger the number of people in the Family Tree, the longer the chart will take to appear.

e.g.: a test with about 7000 people took 10 minutes.

This can be adjusted by changing the number of generations to be shown.



Graph View - addon - In action showing both ancestors and descendant trees (Gramps 5.1.x version)

Graph View is an interactive [Charts](#) category view addon that presents a navigable ancestors and descendant tree using the current active person as a starting point. Clicking another person in the family tree will make that person the active person and will redraw the family tree based on them.

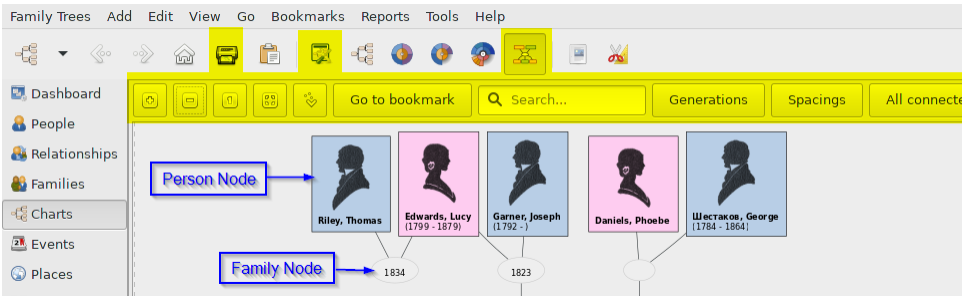
Usage

From the [Charts](#) category view select the **Graph View** icon or select **View > Graph View** from the menu.

In general the Graph View is:

- Interactive, the view redraws in response to changes made to a person or family.
- The active person is highlighted.
- Clicking on another person will redraw the family tree based on that person.
- Clicking the active person will show the parent family of the active person, thereby allowing previous generations to be shown.
- A right mouse click on a person or family node shows the person or family editor as appropriate.
- Able to show both ancestors and descendant trees (adjustable from the Graph View toolbar).
- Graph view can be panned by using mouse click and drag. Select the background of the tree and drag the mouse to pan the view. Also you can use mouse scroll button to pan view in any place of view.

Graph View Toolbar



Graph View has a smaller toolbar of its own with the following options (from left to right):

- **+(Zoom in)** button - Zoom in the view.
- **-(Zoom out)** button - Zoom out the view.
- **1 (Zoom to original)** button to reset the view to the default size.
- **□ (Zoom to best fit)** button to fit the current family tree graph in the display
- **⌘ (Go to active person)**
- **(Go to bookmark)** button - Center view on selected bookmark - also shows "Bookmarks for current graph:" (who are being display) and "Other Bookmarks:" (who are not being displayed) - along with two buttons to "Add active person" to bookmarks and "Edit" the bookmarks.
- **Search...** - typing shows "Persons from current graph:" (who are being display) and "Other persons from the database:" (who are not being displayed) as well as any saved bookmarks. You can use **Ctrl + F** to make search entry active.
- **Generations** - setting to change the generations shown for Ancestor 3 generations by default and Descendants 10 generations by default.
- **Spacing** - changes the vertical(5 default) and horizontal(2 default) spacing between the generations.
- **All connect@d** - Show all connected persons limited by generation restrictions. Works slow, so don't set large generation values. (Limited to 1000 persons, if your family tree has more than that you get the **Incomplete graph** warning and only the first 1000 connected persons are drawn.)

On main Gramps Toolbar

On the main Gramps Toolbar you also have:

- **Ⓜ (Print)** button that does not print but instead allows you to save the currently displayed Graph into a dot format file for a later printing. This will save a **.gv** file and a **.svg** file. You must select a **.gv** file. (**Gramps Print -SVG does not show photo**)
- *** (Configure Options)** button with option shown in the next section.

Configure Options

Select **View > Configure...** from the menu to change the settings on the following four tabs:

- **Layout**
 - **Show images** (checkbox selected by default)
 - **Show avatars** (checkbox selected by default)
 - **Highlight the home person** (checkbox selected by default)
 - **Show full dates** (checkbox unselected by default)
 - **Show places** (checkbox unselected by default)
 - **Placeformat:**
 - **Default**
 - **Full**
 - **Show tags** (checkbox unselected by default)
 - **Time Direction:**
 - **Vertical: Top to Bottom**
 - **Vertical: Bottom to Top**
 - **Horizontal: Left to Right**
 - **Horizontal: Right to Left**
- **Themes**
 - **Person theme:**
 - **Default**
 - **Image on right side**
 - **Image on left side**
 - **Path color to home person:** #000000(default)
 - **Font:** - shows the default that can be changed by selecting from the **Pick a Font** dialog
 - **Avatars style:**
 - **Custom**
 - **Dark Default**
 - **Light**
 - **Cartoon**



Graph View Avatars

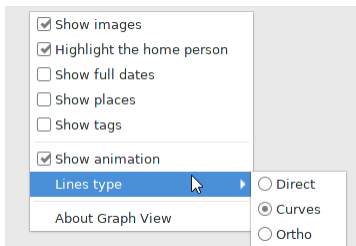
Choose the Custom **Avatars style** adds 2 more popup menus:

- **Male avatar**: *File selector*
- **Female avatar**: *File selector*
- **Active person border size**: 3(default)
- **Person border size**: 1(default)
- Animation
 - **Show animation** (checkbox selected by default)
 - **Animation speed (1..5 and 5 is the slower)**: (default is 3)
 - **Animation count (0..8 use 0 to turn off)**: (default is 4)
- Search
 - **Search in all database** (checkbox selected by default)
 - **Show person image** (checkbox selected by default)
 - **Show bookmarked first** (checkbox selected by default)

Context menus

Graph view has three [context menus](#) that allow the following

Empty section

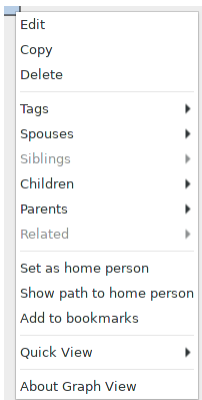


Right click menu shown when selecting an empty section of the chart.

Right-click an empty section of the Graph View to offer the following display options:

- **Show images** - Display thumbnails or avatars
- **Highlight the home person** - set the background of the Home Person to green
- **Show full dates** - format the birth and death date as only the year or as the complete date
- **Show places** - show or hide birth and death places
- **Show tags** - show color markers on tagged Persons and Families
- **Show animation** - after redraws, wiggle the Active Person to draw focus
- **Lines type** - choose the style of lines connecting People and Families
 - Direct
 - Curves
 - Ortho
- **About Graph View** - this help wiki webpage

Person node



Right click menu shown when selecting a Person on the chart.

Right-click a person (node) to show a context menu offering the following options for the indicated person:

-
- Edit
 - Copy
 - Delete

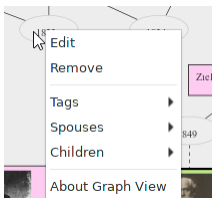
-
- Tags
 - Spouses
 - Siblings
 - Children
 - Parents
 - Related - shows people sharing an event

-
- Set as home person
 - Show path to home person - changes the view to show how these two people connect to their common ancestor
 - Add to bookmarks

-
- [Quick View](#)
 - [Web Connection](#)

-
- About Graph View

Family node



Right click menu shown when selecting a Family (node) on the chart.

Right click a family (node) to add or delete a spouse or child.

- Edit
- Remove

-
- Tags
 - Spouse
 - Children

-
- [About Graph View](#)
-

Prerequisites

Before **Graph View** can be used you will need the following installed:

- Graphviz. If you can run the Gramps [Graph reports](#) then you already have this installed.
- [PyGooCanvas](#) (Gramps3) or [GooCanvas2 or gir1.2-gooCanvas](#) (Gramps4)
- [GooCanvas](#)

Windows

These are already installed if you are using the Gramps All In One installer eg: GrampsAIOxxxxx.exe

Linux

All of these should be available in common Linux distributions.

For example,

Debian

Packages GooCanvas/PyGooCanvas as libgooCanvas3 and python-pygooCanvas.

Note: As of May 2020 the required packages for Debian Testing are gir1.2-gooCanvas-2.0 and libgooCanvas-2.0-9 from the official repositories.

Please make sure to download these for the proper architecture, like amd64 for 64-bit PCs (Intel included).

Fedora

Try package gooCanvas2-devel.

Opensuse

You may need to install *typelib-1_0-GooCanvas-2_0* as mentioned in issue [8076](#).

Issues

You can see related issues at [bug tracker](#).

- [8054#c44291](#) - print options.
- [9806](#) - Subprocess on [GraphView] can generate a memory issue
- [8054](#) - Better label positioning in Graphview
- [8964: Enable filter on GraphView](#) Feature Request
- [\[GraphView\] add custom avatars #459](#)
[Themed avatar discussion](#)

See also

- [Addon:AvatarGenerator](#) - allows you to add and remove one or several images for a selected set of filtered people.

Handle.bash

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following: [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.

This Addon/Plugin system is controlled by the [Plugin Manager](#).

The script `handle.bash` ([downloadable here](#)) can be used to replace all database handles in a `.gramps` file. This makes it possible to work with multiple databases in Gramps, merging select branches manually at will. Without this tool, manual merging of databases derived from one another, or with a common base-database, would not be possible because of handle collision.

Usage

Linux

In order to use this script, you must create a directory and copy the script file to it. Then you export the database you wish to import into a colliding database to a `.gramps` file inside this directory. Then you run

```
$ bash handle.bash filename.gramps
```

where `filename.gramps` is the name of the file you exported into the new directory.

The script will create the files `file.gramps.zcat`, `handle.old`, `handle.new` and `file.gramps`. The file "file.gramps" is the final output, the original "filename.gramps" with all handles replaced.

This script is released under the GNU GPLv2, author: lcc.

HeadlineNewsGramplet

This is a **Third-party Addon**.

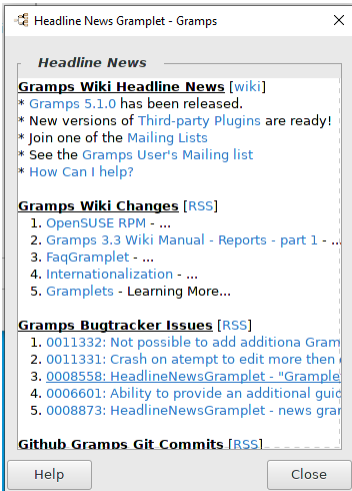


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Internet Access required

The Gramplet reads the wiki [HeadlineNews](#) page once a day.



Headline News Gramplet

The **Headline News Gramplet** reads the wiki [HeadlineNews](#) page once a day. The links from the wiki will appear in the gramplet and clicking them will open the associated webpage in a browser. The Gramplet will get data from:

- Gramps Wiki [Headline News](#)
- Gramps Blog comments
- Gramps Blog posts
- Gramps Wiki changes
- Gramps Bugtracker Issues
- Gramps Git commits

Prerequisites

Because the Headline News Gramplet gets its information from the Gramps wiki (at <https://gramps-project.org/wiki/>) and other places you need to have a internet connection for this to work. If you don't have an internet connection, then the Headline News Gramplet won't show any information.

When you do have an internet connection, the Headline News Gramplet will show you the latest headline news about Gramps.

Issues

- [8558#c41544](#) For Gramps 4.2+: Instead of parsing Sourceforge feeds it will be better to teach him how to parse github feed eg: <https://github.com/gramps-project/gramps/commits/maintenance/gramps51.atom>

HeatmapWebReport

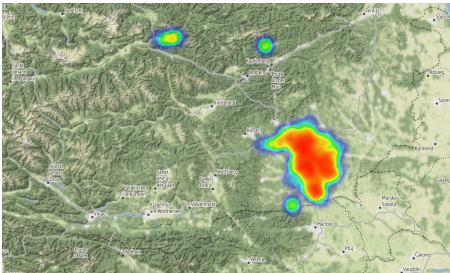
This is a [Third-party Addon](#).



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Heatmap report ([Stamen Design](#) Terrain map tiles)

Heatmap is a web report which creates an [interactive map](#) containing a [heatmap](#) generated from Gramps event place data.

Usage

Once this Report addon has been installed, Heatmap web pages can be generated from the Graphical User Interface or the Book interface. Report only looks for Places found within a subset of the Events related to a group of People.

The webpage contains an embedded list of GPS coordinates for places with the number of Events occurring at each place. The list is set up for output to the Heatmapping overlay feature of a selected [Web map service](#).

The Graphical User Interface

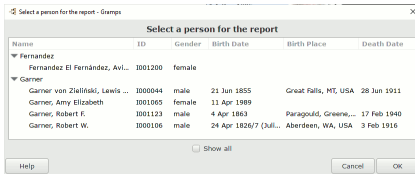
Select Menu **Reports** ▾ **Web Pages** ► **Heatmap...**

The **General** tab

Heatmap Options tab

This tab allows the following options to be selected:

- **Filter:** *defaults* to restrict Person results to match the "Ancestors of <selected person>" filter. Other filters include the "Descendants of <selected person>" or any of the [custom filter](#) for the Person category.
- **Person:** Sets the <selected person> for the filter. This *defaults* to the currently [Active Person](#).



Heatmap Select Person dialog

Select Existing button allows the <selected person> to be re-designated.

The Share list is initially filtered to the current Active Person, Home Person and any bookmarked persons.

Show all checkbox allows choosing from an unfiltered People list.

- **Map tiles:** Changes the Map Service providing the HeatMap overlay processing and the appearance of the map backdrop.

Map Service selections include:

- OpenStreetMap
- Stamen Terrain
- Stamen Toner
- Stamen Watercolor
- CartoDB Positron
- CartoDB DarkMatter

- **Filepath:** The file directory where the Web Page file should be saved.
- **File name:** The file name. (Only allows letters A-Z, a-z, numbers 0-9 and the characters space, underline and hyphen)

The **Advanced** tab

Enable custom start position If selected, the map centers on a specific location and zoom scale.

- **Start latitude:** +90 (north pole) to -90 (south pole). The central latitude for a displayed map.
- **Start longitude:** -180 to 0 for the western hemisphere and 0 to +180 for the eastern hemisphere. The central longitude for a displayed map.
- **Start zoom:** 1 to 18 [8 default]. 1 shows the entire planet surface in about 5 inches square.

The **Limits** tab

Enable map limits If selected, the map is restricted to a range of zoom scales and a viewing window.

- **Min. zoom:** 1 to 18 [1 default]. Limits the zoom out scale that a map rendering will accept.
- **Max. zoom:** 1 to 18 [14 default]. Limits the zoom in scale that a map rendering will accept.
- **Upper left corner latitude:** +90 (north pole) to -90 (south pole). The upper latitudinal limit for scrolling a displayed map.
- **Upper left corner longitude:** -180 to 0 for the western hemisphere and 0 to +180 for the eastern hemisphere. The leftmost longitudinal limit for scrolling a displayed map.
- **Lower right corner latitude:** +90 (north pole) to -90 (south pole). The lower latitudinal limit for scrolling a displayed map.
- **Lower right corner longitude:** -180 to 0 for the western hemisphere and 0 to +180 for the eastern hemisphere. The rightmost longitudinal limit for scrolling a displayed map.

Render custom map limit border If selected, a semi-transparent blue polygon illustrates the limits of the view window box. (Shows as a rectangle for standard Mercator Projection of the globe.)

See also

- GitHub pre-release: New web report (Heatmap) [#470](#)
- [Discourse forum thread](#)
- [Leaflet](#)
- Gramps addons by Matthias Kemmer
 - [Addons web catalog](#)
 - Heatmap Web Report
 - [Avatar Generator](#)
 - [Event Description Editor](#)
 - [Number Of Ancestors Quick View](#)
 - [Family Relationship](#)
 - [Media Report](#)
 - [Double Cousin Report](#)
 - [Set Privacy Tool](#)
 - [Add/Remove Tag Tool](#)
 - [FilterRules](#) : Plugin Manager Rulebook Collection 1
 - People related to <filter>
 - People with events with a selected role
 - Families with Events with a selected role
 - Source matching parameters
 - People Separated less than <N> degrees of <Home person>
 - People Separated less than <N> degrees of <person>
 - Events of families matching a <family filter>
 - Families matching <event filter>
 - People who are part of families matching <filter>

- Filter people by their age at death
- Match associations of <person filter>
- People with multiple parent records
- [FilterRules2](#) : Plugin Manager Rulebook Collection 2
 - Matrilineal progenitrix of <person>
 - Mitochondrial inheritance of <filter>
 - Mitochondrial inheritance of <person>
 - Patrilineal progenitor of <person>
 - X-chromosomal ancestors of <person>
 - X-chromosomal descendants of <person>
 - Y-chromosomal inheritance of <person filter>
 - Y-chromosomal inheritance of <person>

House Timeline Gramplet

This is a [Third-party Addon](#).

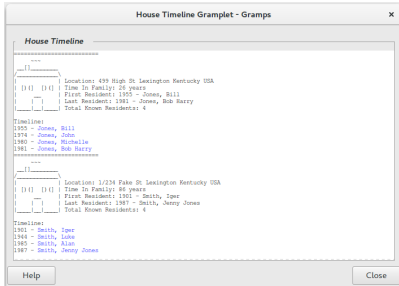


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House Timeline Gramplet

Ever wondered about the history of a particular address? The **House Timeline** Gramplet lets you organize residents of different addresses in a neat timeline. Besides helping you understand the historical context of a property and how/when certain families were grouped there. The **House Timeline** Gramplet is also particularly useful for cross-referencing information during research. If you've ever come across potentially related family records with family-nee names at nearby addresses, this Gramplet lets you organize a person to a specific address and a specific time, giving you a clearer picture of potential relationships that may have formed around an address/house.

- Lists residents of an address in order of Date.
- Lists first known and last known residents at an address.
- Calculates the length of time an address/property has been occupied by family members.
- Calculates the total number of known residents at an address.

Usage

You can add the **House Timeline** Gramplet to the view you require from the [Add a gramplet](#) menu.

This Gramplet uses [Addresses](#) and you will see the following warning message displayed by the Gramplet if you have none:



- "There are no individuals with Address data. Please add Address data to people."

Configuration

- **House Icon Style:**
 - **Standard** (default) - Text draw house.
 - *Small* - Text draw house.
 - *Unicode* - Uses a text character for the house eg: ∆ .
 - *None* - no house is shown.

See Also

- [Addresses](#) - Gramps Wiki Manual - Entering and editing data: detailed - part 3
- [Why residence event and not Address?](#)

HtreePedigreeView

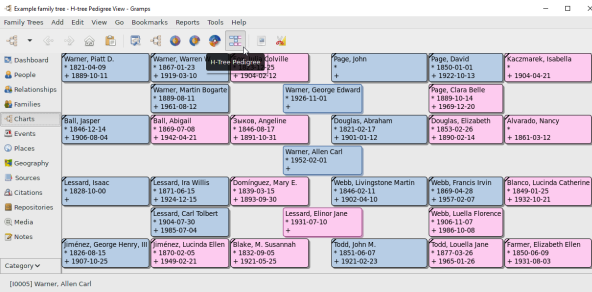
This is a [Third-party Addon](#).



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H-tree Pedigree View - example showing 5 generations(31 people total)

H-Tree Pedigree view is an interactive [Charts](#) category view addon that presents a navigable ancestors tree using the current active person as a starting point. Clicking another person in the family tree will make that person the active person and will redraw the family tree based on them.

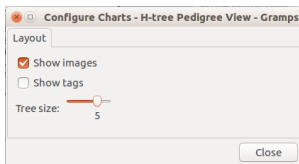
The H-Tree is a structured, space-efficient technique for pedigree visualization (to display ancestral trees).

The H-tree based layout can be used to display ancestral trees. This layout increases the number of displayable generations, via a symmetrically arranged structure, provides the user with an overview that allows them to understand and navigate through the data.

Usage

From the [Charts](#) category view select the **H-Tree Pedigree View** icon or select **View > H-Tree Pedigree View** from the menu.

Configure the active view



H-tree Pedigree View - Layout tab - default configuration options

You can configure the following options on the **Layout** tab:

- Show images
- Show tags
- Tree size: 5(default) range 2 to 6 generations.

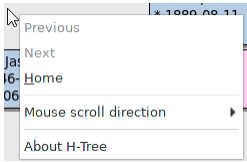
H-tree will display the following number of people if the Tree size is set to:

- 2 generations = 3 people total
- 3 generations = 7 people total
- 4 generations = 15 people total
- 5 generations = 31 people total
- 6 generations = 47 people total

Context menu

Depending where you click two context menus are available.

Blank area

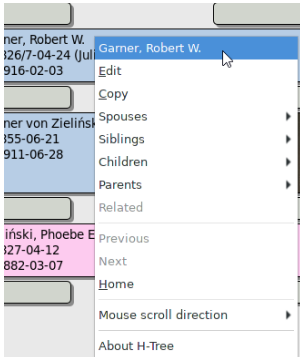


Context menu(right click) Blank area example



This article's content is incomplete or a placeholder stub. Please update or expand this section.

Person nodes



Context menu(right click) Person node example



This article's content is incomplete or a placeholder stub. Please update or expand this section.

Issues

- Drawing issues for "Tree Size" 6 (center three boxes child and parents are too large)
- Add connecting lines to show relationships between people and make the chart clear to read
- Add ability to Print.
- In title bar of Gramps shows "H-tree Pedigree" View instead of "H-Tree Pedigree" View (issue is lower case "t" in "H-tree")

See also

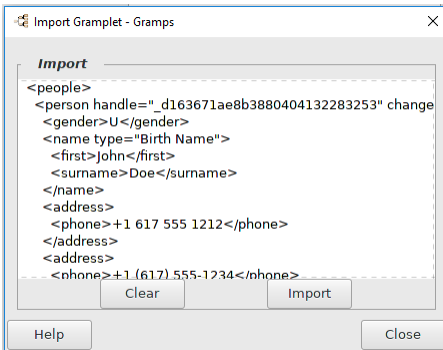
- [GEPS 030: New Visualization Techniques - Gramps: The H-Tree](#)
- Based on the [Pedigree View](#).

ImportGramplet

This is a [Third-party Addon](#).



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Import Text Gramplet - Addon - Showing Gramps XML example

The **Import Text** Gramplet allows you to paste the content of selected file formats and import directly into Gramps without having data in a file.

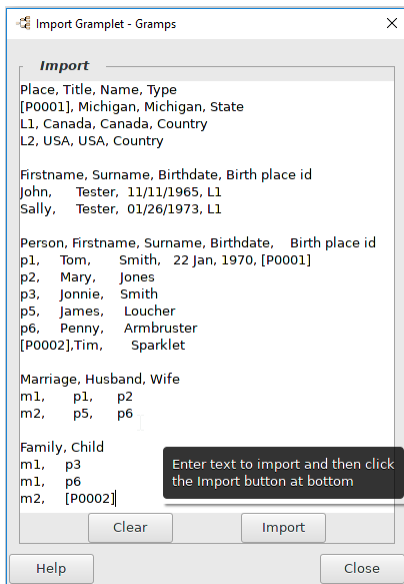
- Gramps XML
- [CSV \(spreadsheet input\)](#)
- [vCard](#) files - The vCard (Virtual Contact File or VCF) import and export currently supports only the version 3.0 format with property types for the name (FN, N, NICKNAME, SORT-STRING), address (ADR), telephone number (TEL), birthday (BDAY), occupation (ROLE), URL (URL), email address (EMAIL), and gender (GENDER, X-GENDER). This is a core subset of the dozens of property types available in the vCard format.

Usage

From the Dashboard use the context menu (right-click) to add the **Import Text** Gramplet.

Example

Import CSV (spreadsheet input)



CSV pasted into Import Text Gramplet

To import a CSV you could:

- Create a new Family Tree to test the following.
- Add the **Import Text** Gramplet to your Dashboard.
- Copy the contents of the [CSV example](#) from User manual
- Paste the contents directly into the text input area of the Gramplet.
- Then select the **Import** button **only once** unless you want the same information imported multiple times.
- Then empty the text input area by selecting the **Clear** button.
- View the imported results in Gramps
- If you want to reverse the imported result because you made a mistake or pressed the **Import** button multiple times you can select **Edit > Undo CSV import** from the Gramps menu as many times as you need.

Troubleshooting a Place list Import

Every text parser has expectations of the format. So it is important to do that testing with a blank Family Tree. Empty Family Trees make it easier to find where each piece of data lands.

Generally, CSV files that contain text strings simply enclose that data with double-quotes to make it seem as a single block of text. Experiments with this parser have shown that any extra spaces after the Comma Separators made it ignore those quotes and the line breaks too.

```
Place,Name,Type,latitude,longitude
[P001], "Columbus, Franklin, OH, USA", City,,
[P002], "Las Cruces, Dona Ana, NM, USA", City,,
[P003], "Dunellen, Middlesex, NJ, USA", City,,
[P004], "New York, New York, NY, USA", City,,
[P005], "Metairie, Jefferson, LA, USA", City,,
[P006], "Hopkins, Hennepin, MN, USA", City,,
[P007], "Camarillo, Ventura, CA, USA", City, 34.2164, -119.0376
[P008], "San Antonio, Bexar, TX, USA", City,,
[P009], "Abilene, Dickinson, KS, USA", City,,
[P010], "Fairbanks, Fairbanks North Star, AK, USA", City,,
[P011], "Miami, Miami-Dade, FL, USA", City,,
```

Notice that the sample place list has placeholder commas when the Latitude and Longitude are missing for 10 of the 11 rows. And this test data has the Place name in the flat form. After importing, you can use the [Generate hierarchy](#) option of the **Place Update** addon Gramplet to convert the flat form into a hierarchy. Then filter for Unknown types and use the Place Type option to set the State and County types to an extended selection of the enclosing Places.

The example above is for importing non-hierarchical Place definitions. You would still have to reassemble the hierarchy. The following example assembles a country enclosing a state having 2 counties. And one of those counties has a city.

You'll notice that the last line does not specify a Place ID. This lets Gramps use the next automatically generated ID. But, the drawback is that if you were to run this import twice, The Import Text addon wouldn't recognize it as an existing place and would create a duplicate Place of the same name, in the same county. This addon **ONLY** compares IDs and uses matching IDs to update/overwrite records rather than create new ones.


```
Place,Enclosed_by,Name,Type,Latitude,Longitude
[P23],,USA,Country,38.9072,-77.0369
[P35],[P23],OH,State,39.9612,-82.9988
[P36],[P35],Franklin county,County,40.0155,-82.9932
[P30],[P36],Columbus,City,39.9612,-82.9988
,[P35],Mahoning county,County,40.9872,-80.7214
```

Issues

- allow import from pasted GEDCOM file [5436](#)

See also

- [CSV Import](#) (the CSV foundation for the interactive Import Gramplet addon)

Import Merge Tool

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.

This Addon/Plugin system is controlled by the [Plugin Manager](#).



Released for Gramps 5.0.x or greater versions

Status	Object	Object Name/Description	Action
Different	Family	F0011 Streiffert, Anna	*Merge into import
Different	Person	B0024 Smith, Gustaf Sr.	Merge into import
Different	Person	B0008 Voss Smith, Anne	Ignore
Selected	Person	B0015 Smith, Gus	Replace with import
Different	Person	B0012 Nelson, Herman Julius	Ignore
Different	Person	B0022 Smith, Helen	*Merge into import
Different	Person	B0029 Smith, Lars Peter	Merge into original
Different	Person	B0037 Smith, Edwin Michael	Ignore
Different	Person	B0038 Hansdotter, Kerstin	*Merge into import

Object and Item	Differences
Person, Birth reference index	Original >> -1 Imported >> 0 Result >> 0
Person, Death reference index	Original >> 0 Imported >> 1 Result >> 1
Person, Event references #1, Event	Original >> your tree Event: [E0012] Death: Smith, Gus Imported >> imported Event: [E0012] Birth: Smith, Gus Result >> imported Event: [E0011] Birth: Smith, Gus
Person, Event references #2	Original >> Event reference Imported >> Event reference Result >> Event reference
Person, Last changed	Original >> 2007-09-15 01:01:00 Imported >> 2007-12-21 01:25:26 Result >> 2007-12-21 01:25:26

The import data will entirely replace the data in your tree. Any referenced items were also marked for replacement or removal.

Merge Original	Replace	Merge Import	Edit Import	<input type="checkbox"/> Show more details
Help	Ignore	Unmark	Done	<input checked="" type="checkbox"/> Automark Families
				<input checked="" type="checkbox"/> Automark Parent Families

Import and Merge tool

The Import and Merge tool will **Import and merge a Gramps XML** family tree derived from your own [Gramps XML family tree](#) backup file.

Purpose of this tool

This tool was specifically written to make importing and merging a Gramps [Tree](#) derived from your own Tree easier.

Make no mistake, merging is *hard!* And this tool is not magic, it does not make the process simple but it *is* easier than the alternatives.



Important Note

This tool this requires that the Family Tree being merged must be a Gramps Family Tree *derived from a version of the currently loaded Family Tree*.

A situation occurs occasionally after giving someone a copy of your tree in our native [Gramps XML](#) format. Then each person makes changes to the copy in their possession using Gramps locally. (You can verify the Trees differ and log those revisions with the [Database Differences](#) addon report.)

Programmers call this a 'fork.' (As in: when travelers come to a 'fork in the road' and each chooses different paths.) But the bottom line is that you now have two tree variants derived from a common Tree and you want share your updated Tree. You can't just give the person a fresh copy of your Tree because then their changes would be overwritten.

At some point, you may want to merge the forks into a common tree... without losing the useful changes from either tree. That synchronization is what this tool is designed to facilitate. It depends on the two Trees sharing common internal handles (not just the user-editable IDs) to simplify ignoring unchanged records. Then the tool focuses you on just the changes.

But say the other user doesn't use Gramps, so you exported with [GEDCOM](#) (or another format) and got it back? Sorry... this tool won't be any easier than a manual merge after a standard import. You'd still need to hand compare every record.

The derived trees need not be limited to those edited by someone else. I often take a copy of my tree on my laptop when traveling and sometimes I make updates while on the road. But then I may forget to copy it back to my home desktop computer until after I've made more updates. This tool helps to merge these back together.



Warning: Data Corruption Risk

Mass changes mean more potential for mangling the data. Back up your current tree BEFORE using this tool to merge.

If something goes wrong, you will have a way to go back and start over. See [make a Gramps XML backup](#).

Usage

The tool can be installed like any other Addon; see [Installing Addons in Gramps](#)

Once installed, it is run by using the **Tools -> Family Tree Processing -> Import and Merge tool...**

Running the Import Merge tool

The tool will start with an 'Undo history warning' that suggest that you back up your work.

You are then presented with the import file dialog, which shows 'gramps' files from your import location.

When you have selected a file to import, the main tool window comes up and some progress meters pop up indicating the import and comparison process. When this is complete you end up with a three part window. The bottom part provides control and 'Action' buttons and a hint that changes depending on what you are doing.

Top Pane

The top pane is a scrollable and selectable view of individual items that were found to be different in your import. Items that were the same (since they were derived from the common Gramps tree) are not shown.

Status	Object	ID	Object Name/Description	Action
Different	Family	F0011	Streiffert, Anna/	*Merge into import
Different	Person	I0024	Smith, Gustaf Sr.	Merge into import
Different	Person	I0000	Vrow Smith, Anna	Ignore
Different	Person	I0015	Smith, Gus	Replace with import
Different	Person	I0012	Nielsen, Herman Julius	Ignore
Different	Person	I0022	Smith, Martin	*Merge into import
Different	Person	I0035	Smith, Lars Peter	Merge into original
Different	Person	I0037	Smith, Edwin Michael	
Different	Person	I0038	Hansdotter, Kerstina	*Merge into import

Object and item	Differences
Person, Birth reference index	Original >> -1 Imported >> 0 Result >> 0
Person, Death reference index	Original >> 0 Imported >> 1 Result >> 1
Person, Event references #1, Event	Original >> your tree Event: [E0012] Death: Smith, Gus Imported >> imported Event: [E0011] Birth: Smith, Gus Result >> imported Event: [E0011] Birth: Smith, Gus
Person, Event references #2	Original >> Imported >> Event reference Result >> Event reference
Person, Last changed	Original >> 2017-07-11 10:10:00 Imported >> 2007-12-21 01:35:26 Result >> 2007-12-21 01:35:26

The import data will entirely replace the data in your tree. Any referenced items were also marked for replacement or removal.

Merge Original	Replace	Merge Import	Edit Import	<input type="checkbox"/> Show more details
				<input checked="" type="checkbox"/> Automark Families
				<input checked="" type="checkbox"/> Automark Parent Families

Help	Ignore	Unmark	Done
------	--------	--------	------

Import and Merge tool

The top pane shows a 'Status' which is one of **Different**, **Added**, or **Missing**. **Different** items were found in both the current and imported trees, but had been changed in some way. **Added** items are found only in your imported tree. And **Missing** items were found in your current tree, but not in the imported tree.

The top pane also shows the *Object* type (**Person**, **Family**, **Media** etc.), its Gramps *ID*, an *Object Name or Description*, and the selected *Action* (more later).

You can search for items by Name by just typing characters to match. The top pane must be active for this to work. For example if you are looking for 'Smith, Magnes' in the 'sample.gramps' tree, you could type 'smi' which would jump the selection to the first of the lines containing these characters, and then use cursor up/down keys to find the 'Smith' you are looking for. Or type 'magn' which is more likely to land on the right place.

You can search for items by 'ID' field by typing '#I' and then the characters to match. For example type '#I0103' to search for the individual with ID I0103.

You can sort the top pane by *Status* (*Object* will be a sub-sort), *Object*, *ID*, *Object Name/Description* (will be grouped by *Object*) and *Action*. Click on the column header to change the sort.

Lower Pane

Import Merge Tool

When an item in the top pane is selected, the lower pane shows the specific differences. If no *Action* is made yet, the pane will show the 'Original >>' and 'Imported >>' state for each sub-object and item that has a difference. If an *Action* has been selected, the pane also includes a 'Result >>' for each sub-object and item that has a difference.

Sometimes it may be difficult to determine enough about the difference to figure out what is going on. If so, you can check the **Show more details** checkbox to see more about the difference.

The lower pane tries to present the information as concisely but informatively as possible. Apologies if the information seems a bit hard to interpret at times. One area that might be confusing is when there are differences in 'lists'. Many of Gramps objects have lists of other objects, families have lists of children, persons have lists of events or notes etc. When a list has changes, the left side will have a list position number preceded by '#'. For example:

```
Person, Event References #1, Event Original >> your tree Event: [E0012] Death: Smith Gus
                                     Imported >> your tree Event: [E0011] Birth: Smith Gus
Person, Event References #2, Event Original >> your tree Event: [E0011] Birth: Smith Gus
                                     Imported >> your tree Event: [E0012] Death: Smith Gus
```

In this example list of event references, the imported tree somehow got the Birth and Death events swapped, compared to the original tree.

Control buttons

Help brings up this wiki.

Edit import allows editing of the selected item. Any changes are temporarily saved in your imported data, and will be kept only if that data is merged into your current tree. If your editing creates new items, they will appear in the top pane list when you finish editing. Changes here cause the 'Action' to be cleared, so be sure to choose an Action when finished.

Unmark clears any current Action. If an item remains unmarked when you are done, it will be treated as if 'Ignored', that is, there will be no changes to your tree for that item.

Ignore sets the action for the item so that there will be no changes to your tree for that item. This is the same as leaving the item unmarked, but makes it clear that you have looked at that item.

Done tells the tool that you are finished marking the various actions. The tool will bring up a confirmation dialog, allowing you to save your work, cancel and return to marking, or abandon it.

The remaining buttons are considered 'Actions' and depend on the Status of the item.

Add appears for items with an 'Added' status. When added, the imported data will be added to your current tree.

Delete appears for items with a 'Missing' status. When selected, the data in your tree for this item will be deleted.

Replace appears for items with a 'Different' status. When replaced, the imported data for the item will completely replace the same data in your current tree.

Merge Original appears for items with a 'Different' status. When selected, the imported data for the item will be merged with the original tree and the IDs of the original item are retained. The portions of the data that cannot be merged will remain as it is in your current tree data.

Merge Import appears for items with a 'Different' status. When selected, the imported data for the item will be merged with the original tree and the IDs of the imported item are used. The portions of the data that cannot be merged will be replaced by the import data.

When you select an 'Action' with one of the buttons, a hint will appear that states the action in more detail.

You can change the 'Action' at any time on any item, it may be instructive to see the results of choosing the various choices in the lower pane.

In general I recommend that you start marking your items with the 'Different' items first. Within these, doing **Families** and **Persons** first will usually minimize the amount of work to merge your tree. This tool starts up with the sort set to put these items first, so starting at the top is easy.

Automatic Mark

This tool includes the ability to automatically mark those items that are 'referred to' by the item you are currently marking. For Example, if you **Add** a person, the events, notes, media, citations and families that the person refers to will also be added. The same process is applied for each of the various 'Action' buttons.

The marks that are automatically generated are shown in the top pane action column with a '*' preceding the action.

Occasionally you may mark items that create a conflict in the automatic marking. For example you **Add** a person that refers to a media, and then later **Ignore** a person that also refers to the same media. In this case, the media item will be marked with a '?' and the action that tends to conserve more data will be used. This means that Adds have priority over Ignore, Ignore over Delete etc.

You should review any items marked this way to make sure that you agree with the program.

Note that families and persons in particular usually have a lot of references to other families or persons. In fact if your imported file contains a whole new branch of your family tree, selecting any one of the people or families in that branch will automatically mark all the new people and families at once. This is usually desirable, but not always.

Automatic mark with Families

This tool is not ideal for selecting only parts of a tree for merging, but it can be done. If you wish to include a person, but not his family (spouse and children) then you can uncheck the **Automark Families** checkbox. This applies to all persons found via the Automark as well. The effect is that

you can get ancestors (if **Automark Parent Families** is checked) included but not all the descendants of those ancestors.

If you wish to get a set of spouses and descendants included when adding a person but not all the ancestors of the spouses, then you can uncheck the **Automark Parent Families** checkbox and leave the **Automark Families** unchecked. If you don't want any family or parent families automatically included, leave both **Automark Parent Families** and **Automark Families** unchecked.

Finishing up

When you have marked up as many items as you want and reviewed the automatic marks to make sure they are what you desire, you can press the **Done** button.

The tool will bring up a confirmation dialog, allowing you to save your work, cancel and return to marking, or abandon it. If you abandon, your markings are lost and no changes are made to your current tree.

If you decide to save your work, the tool will perform a series of checks as it saves your work. These checks make sure that any conflicts that may have been created will not result in errors in your database. For example, if you selected a person to add, but decided to ignore a note attached to that person, the tool will 'clean up' the reference to the note on the person before saving it.

FAQ

Why would I want to use the **Edit import** button?

If you had an item with a difference, where both the current tree and the imported tree made changes. Because of some limitations of Gramps and this tool, you cannot choose between current and imported for every detail within an object. For these details, you can only choose to keep your current data with **Ignore** or **Merge Original**, or use the imported data with **Replace** or **Merge Import**. In either case some changes will be lost. For example, if you have edited a Person and added a Nickname, and the imported tree had edited the same person to add a LDS Ordinance, you can only keep the information for one side. In this case you might want to edit the imported person to change it to add the Nickname so that data will not be lost.

Why does the import file have to be derived from the same original source?

If it is not, then the matching process will not find any items that are the same or even different. Every item in the import file will end up showing as 'Added', and every item in the current tree will show as 'Missing'. You can use this tool to add in part or all of the imported data, but it is not ideal for this purpose. You would be better importing the data into a new tree, using all the Gramps views and filters to find what you do or don't want, make any deletions or edits and export to a new XML before importing that into your tree the usual way.

When would it make sense to use 'Merge Original' vs 'Merge Imported'?

The difference between 'Merge Original' or 'Merge Imported' is which Gramps IDs are kept as the final object. If you would like to keep your starting family tree the way you have set it up, use Merge Original. If you think that the imported tree is better, has better IDs etc, then use the Merge Imported.

Why can't you use a GEDCOM file as the import source?

One of the things that make this tool work is that every 'object' in the Gramps database has a unique ID called a handle (this is different than the ID shown in the GUI for each object). The tool can compare objects with matching handles relatively easily, much more easily than guessing if John Smith in your tree is the one from 1722, 1854, or 2012.

At this time Gramps GEDCOM import and export has no way to save these handles to make this sort of matching possible. A few of the other family tree tools can import and export the so called ' UID' GEDCOM tag (which is not standardized) which might be usable for this, but most tools will simply discard them or modify them to be unusable. Even if these were available and not lost in translation, Gramps data model does not always match with GEDCOM data model. So a GEDCOM export/import, even without any changes made by the user, would have a lot of differences.

Notes

If you are not sure exactly what an imported tree contains, you should use Gramps to examine it before using this tool. Import the tree into a new family tree, and look it over with the various charts (I like the relationship chart myself) to see if there are branches that you don't want. It is frequently easier to use Gramps filters or editing tools to remove items than to use the tool to exclude them, although the tool will suffice for simpler cases. Even then you should take notes on the IDs of people or families that you don't want, to make it easier to find them with this tool.

This is a new tool and fairly complex. Please report any issues or desired enhancements to [paulr2787 at gmail.com](mailto:paulr2787@gmail.com)

I have included a French translation of the tool, mostly as a test of the internationalization code. Since I don't speak French (USA Texas version of English only), please excuse my French.

See also

- [Database Differences Report](#) - allows a mostly complete comparison between the currently opened database (Family Tree) and a Gramps XML file.

InformationGraph

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following: **[these instructions](#)**;

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.

This Addon/Plugin system is controlled by the [Plugin Manager](#).

Note



The InformationGraph plugin only works with Gramps 3.2
For a similar report see the: [Addon:PersonEverything Report](#)



This article's content is incomplete or a placeholder stub.

Please update or expand this section.

InformationGraph is a report plugin to generate detailed Graphviz graphs of a database. It is intended to allow effectively dumping of a database or select parts of the database, onto dead wood (paper).

Installation

Download and [Manually install the Addon](#):

- <http://pk1.net/~node/software/GVInformationGraph.py> (Last updated: 01-Aug-2009)
 - Archived copy [File:GVInformationGraph.zip](#)

Features

- Dump as much information as possible for each person and event into the node:
 - Date and place of birth
 - Date and cause of death
 - All other events (Residences, Graduations, etc)
 - Occupations
 - Notes
 - Date and place of marriage
 - Possibly references to sources of information
- Changing the date stringification to print a more human-friendly date. Eg, "16th December, 1842"; "June quarter, 1912"; "about 1875"
- Include edges for non-primary event participants, eg, Witness, Minister, etc.
- Add labels for non-standard child relationship edges, or modify style in some way to indicate different types, eg, Adopted, Step child, etc.
- Use a method similar to the FamilyLines plugin to specify a list of people to start spidering over the database from. Also include a list of people not to spider beyond. This will allow dumps of one side of a family tree.

Features to be implemented

- Include a legend for edge and node types
- Have the ability to store profiles of spider settings. Eg, "Mum's family", "Dad's family", "Everyone".

See also

- For a similar report see the: [Addon:PersonEverything Report](#)

Interactive Family Tree

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following: **[these instructions](#)**;

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

The Interactive Family Tree addon does not send any data out of your computer.



It is processed locally on your computer. Only the Topola JavaScript Genealogy viewer application is downloaded so that it can run locally.

Interactive Family Tree addon screenshot.

The **Interactive Family Tree** addon allows you to browse the family tree using the [Topola Genealogy Viewer](#).

Usage

Select Menu **Tools > Analysis and Exploration -> Interactive Family Tree...** and then a web page will open with your family tree.

If the person you want to view is not shown you can search for them.

You can click on people to change the focus of the tree.

You can choose between three different views; Hourglass chart, All relatives and Fancy tree(experimental).

You can print or download the chart in various formats.

You can **+** zoom in or **-** zoom out on the chart.

Features

One of the features of this addon is that **the Interactive Family Tree addon does not send any data out of your computer.**

This is something that is not obvious because what you see in the browser is a web application.

Technical details

Here is a technical description of how the addon works.

On the Gramps side, the addon saves a temporary file in GEDCOM format and sets up a temporary local HTTP server inside Gramps that reads the GEDCOM file.

Then, the addon opens your browser pointing to a web application hosted on GitHub pages. That web application contains a GEDCOM parser and viewer that is loaded into your browser. The web application is a "single page application." Once it is loaded from the GitHub server, it does not require further Internet connections to work. This is why you can open it from the browser's cache even with no internet connection. (i.e., WiFi turned off) After the web application is loaded from cache, it reads the GEDCOM file from simple local HTTP server temporarily set up by Gramps. If the cached file expires and is purged, a fresh copy will need to be downloaded again.

**Genealogy Data is not uploaded.**

The data is only loaded locally into the browser's memory and does not leave your computer. It is processed by JavaScript code to produce a visualization of the data.

See also

- [topola-viewer issues](#) on Github

Isotammi addons

The [Taapeli Project](#) (which is a national database of *Suomen Sukututkimusseura ry* : the [Finnish Genealogical Society](#)) curates their own set of "Isotammi lisäosia" : "Big Oak (the mythological World Tree) add-ons" for Gramps. The [Isotammi Project](#) is a platform that coordinates validated merging of remote researcher's independent work into a collaborative genealogical collection.

This group of addons are designed to help Gramps users make their data compliant to [Isotammi](#) project. (Their server also contains tools for cleaning up GEDCOM dialects from other software.)

Isotammi users can import data as .gramps and .gpkg formats and browse it. Isotammi software is built on [Neo4j](#) (a high-speed graph database), Python and [Flask](#) (a lightweight [WSGI](#) web application framework), and increasingly [Vue](#) (a progressive JavaScript Framework for building user interfaces).

The main challenge now is auditing and merging user's candidate material to approved data. Future plans include a live API to Isotammi. The API would allow transferring common identifiers, reference places and sources back to the researchers' Gramps database.

The reason for competing with world-wide services is to get better harmony with Scandinavian name formats and local archives. And, in compliance with regional privacy regulations, to keep the data safely in Finland.

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#) : Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Please note this group of addons require an additional step to install.

Follow the [installation instructions](#) on this page.

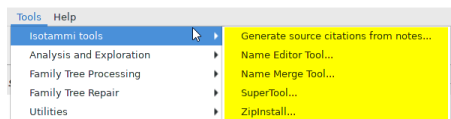


Fig. Isotammi.1 Isotammi Tools menu

Once [installed](#):

- [Gramplets](#) are available from the:
 - Dashboards [add a gramplet](#) right click menu. (Isotammi configuration / Deep Connections Graph / PropertyEditor)
 - Events category [add a gramplet](#) drop down on the bottombar (Dates)
- Tools are available under the [Tools > Isotammi tools -> ...](#) menu.
- New [Rules](#) are available as described below.
- Exporter for [Isotammi XML export](#)

About Isotammi

[Isotammi.net](#) was an [online service](#) provided by the Genealogical Society of Finland (Suomen Sukututkimusseura, abbreviated SSS) made by volunteers that took into account the special characteristics of Finnish genealogical research.

The SSS name is composed of three Finnish words:

- "Suomen" - This is the genitive case of the word "Suomi", meaning "Finland".
- "Suku" - This word means "family", "kin", or "lineage".
- "tutkimus" - This word means "research" or "study".
- "seura" - This word means "society" or "association".

So, the full name "Suomen Sukututkimusseura" literally translates to "Finland's Family Research Society" or "The Genealogical Society of Finland".

The service contains sourced family trees compiled by users, so called HisKi-trees made from materials in HisKi as well as place name databases compiled from communion books. Users are also provided with quality guidelines, recommendations and tools.

The Isotammi team decided to end the Isotammi.net service on May 31, 2024

The [publicly announced reasoning](#) was that the costs are too high compared to the use and that further development of the application would have required resources that we did not have available. The team states that they have reached their goal of promoting good research practice with the ease of references to original sources and the researcher's own quality controls. Isotammi, instructions and Gramps accessories have been made with Finnish development work in the era of transnational giants.



The service's software is still available as open source code, and other publication channels are being sought for its databases (location information, Hiskipuut, common family trees).

The [Isotammi](#) Facebook group and the [Gramps Finland](#) focused Google group still serve. The Isotammi team (Jorma, Juha, Kari, Pekka, Timo) thanks the users and their partner SSS for the past 10 years.

The Society will retain and archive the content of the web service, genealogical data and geographical databases.

Isotammi extensions developed for Gramps will not be affected by the end of the online service.

The Service and its Aims

Isotammi is developed domestically in Finland and this is where it begins its difference from commercial services. It relies on open source software and its own programming. The service is wholly non-commercial and all its public information is owned and controlled by the Society. The Society's role and its being domestically developed means that the service supports the special features of Finnish genealogy.

The user can also edit materials to Isotammi and browse materials uploaded to it online and on mobile devices. With the user's permission some materials are also public for all users. Registration is required to use Isotammi.

The aim of Isotammi is to support the principles of good research practices and to raise the quality of researchers' genealogy materials. The information on family trees should be supported by primary sources. References to them should be to as precise information as possible. Changes to personal names are managed with alternative names. The location of events are specified by attaching a hierarchy to them, i.e. giving information as to what larger whole it to which it belongs. For example, farm-house-village-municipality. Dozens of Place Name Databases in Isotammi help with these hierarchies.

Installation

Beware the false "The addon repository appears to be unavailable. Please try again later." message



Please note the Isotammi server has Finnish, Swedish & English lists. Old versions of the Plugin Manager Enhanced gave a false failure message if Gramps is running in any other language.

Update the Plugin Manager Enhanced if checking the Isotammi server for updates returns the message: "The addon repository appears to be unavailable. Please try again later."

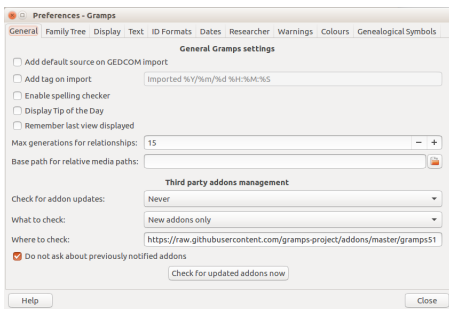


Fig. Isotammi.2 General Preferences (Linux)

Isotammi [addons installation](#) to get started for Gramps 5.1.x go to Gramps preferences (**Edit > Preferences**) and replace the value of **Where to check:** with:

```
https://raw.githubusercontent.com/Taapeli/isotammi-addons/master/addons/gramps52
```

Click **Check for updated addons now** and install all shown addons or at least the [Isotammi configuration](#) Gramplet.

After downloading the Isotammi addons restore the original value of **Where to check:** with:

```
https://raw.githubusercontent.com/gramps-project/addons/master/gramps52
```

After installation go to Gramps Dashboard and add the [Isotammi configuration](#) Gramplet which will allow you to select which source to use for installing addons in the future: Gramps default or Isotammi addons

Isotammi addons

Select	Type	Name	Description
<input type="checkbox"/>	New Exporter		
<input type="checkbox"/>	New Exporter	Isotammi XML export (1.0.2)	Isotammi XML export
<input type="checkbox"/>	New Gramplet		
<input type="checkbox"/>	New Gramplet	Isotammi configuration (1.0.24)	Isotammi configuration Gramplet
<input type="checkbox"/>	New Gramplet	Multimerge Gramplet (1.0.5)	Multimerge Gramplet
<input type="checkbox"/>	New Gramplet	PropertyEditor (1.0.8)	Gramplet to edit attributes of multiple objects
<input type="checkbox"/>	New Gramplet	PlaceTool (1.0.32)	Gramplet to manipulate multiple places
<input type="checkbox"/>	New Gramplet	Dates (1.0.18)	Dates
<input type="checkbox"/>	New Gramplet	Deep Connections Graph (1.0.9)	DeepConnectionsGraph Gramplet
<input type="checkbox"/>	New Gramplet	AddSourcesGramplet (0.8.4)	Gramplet to add sources
<input type="checkbox"/>	New Rule		
<input type="checkbox"/>	New Rule	Events with a valid date (1.0.8)	Events with a valid date
<input type="checkbox"/>	New Rule	Events with an in valid date (1.0.8)	Events with an invalid date
<input type="checkbox"/>	New Rule	Generic person filter (1.0.11)	Generic person filter
<input type="checkbox"/>	New Rule	Generic family filter (1.0.11)	Generic family filter
<input type="checkbox"/>	New Rule	Generic place filter (1.0.11)	Generic place filter
<input type="checkbox"/>	New Rule	Generic event filter (1.0.11)	Generic event filter
<input type="checkbox"/>	New Rule	Generic citation filter (1.0.11)	Generic citation filter
<input type="checkbox"/>	New Rule	Generic source filter (1.0.11)	Generic source filter
<input type="checkbox"/>	New Rule	Generic repository filter (1.0.11)	Generic repository filter
<input type="checkbox"/>	New Rule	Generic note filter (1.0.11)	Generic note filter
<input type="checkbox"/>	New Rule	Generic media filter (1.0.11)	Generic media filter
<input type="checkbox"/>	New Tool		
<input type="checkbox"/>	New Tool	Zinstall (1.0.3)	Install a plugin from a ZIP file
<input type="checkbox"/>	New Tool	Generate source citations from notes (1.0.21)	Generate source citations from notes
<input type="checkbox"/>	New Tool	Name Merge Tool (1.0.1)	Merge names
<input type="checkbox"/>	New Tool	SuperTool (1.0.11)	
<input type="checkbox"/>	New Tool	Name Editor Tool (1.0.2)	Edit names

Fig. Isotammi.3 Available Isotammi addons (Gramps 5.1.3)

From the website

- <https://github.com/Taapeili/isotammi-addons>

Follow the [instructions to install](#) the Gramps Isotammi addons associated with the Isotammi project.

So far, the following three gramplets, two rules, and one tool are available:

Gramplets:

- [Isotammi configuration](#)
- [Dates](#) - This gramplet helps to correct invalid dates...
- [Position tool](#)

Rules:

- Events with an invalid date
- Events with a valid date

Tool:


- Generate source references based on more information

Here are brief descriptions of the above extensions:

Gramplets

Isotammi configuration

Deprecated for Gramps 5.2



The Isotammi Configuration dashboard gramplet is no longer needed. The Isotammi URL functionality was replaced with the Projects portion of the [Addon Manager](#) in the Gramps 5.2 version. The API key feature was never leveraged.

A false "The addon repository appears to be unavailable. Please try again later." message may appear when using obsolete versions of the [Plugin Manager Enhanced](#) addon in an unsupported locale. Please note the Isotammi server supports Finnish, Swedish and English lists. A false failure message can appear if Gramps is running in any other language.

Update the Plugin Manager Enhanced if checking the Isotammi server for updates returns the message: "The addon repository appears to be unavailable. Please try again later.}" [Isotammi configuration](#) Gramplet can be added to the Dashboard to allow you to select from which source the addons are installed e.g. from the default location of Gramps or from the Isotammi addons.

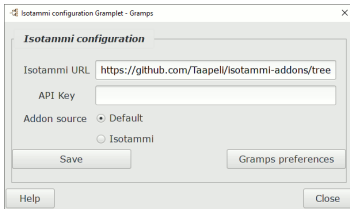


Fig. Isotammi.4 Isotammi Configuration

The Addon source radio buttons switches the **Where to check URL** of the **Third party addons management**.

The 2 supported Repositories are: the Default location (the Gramps-Project repository on GitHub):

<https://raw.githubusercontent.com/gramps-project/addons/master/gramps52>

and the Isotammi (the Taapeli repository also on GitHub):

<https://raw.githubusercontent.com/Taapeli/isotammi-addons/master/addons/gramps52>

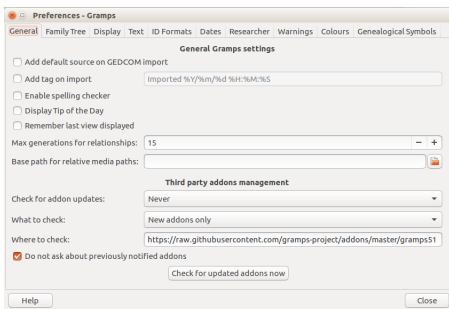


Fig. Isotammi.5 General Preferences (Linux)

The **Gramps preferences** button opens the preferences, allowing the selected Addons repository to be manually checked.

Dates

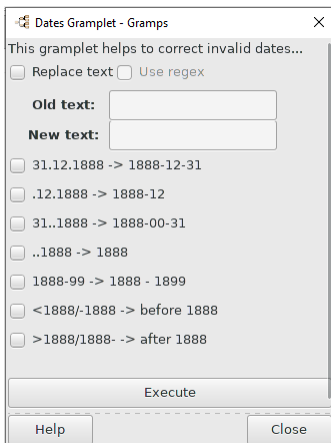


Fig. Isotammi.6 Dates Gramplet - detached

The **Dates Gramplet** is installed in the Events list. It can be used to manipulate event date information, especially to correct dates in the wrong format. First select one or more events to which you want to assign the function and the desired correction function and press **Execute**. This can be used, etc., with the rule "Events with an invalid date" so that it first generates a filter that looks for invalid dates.

Place tool

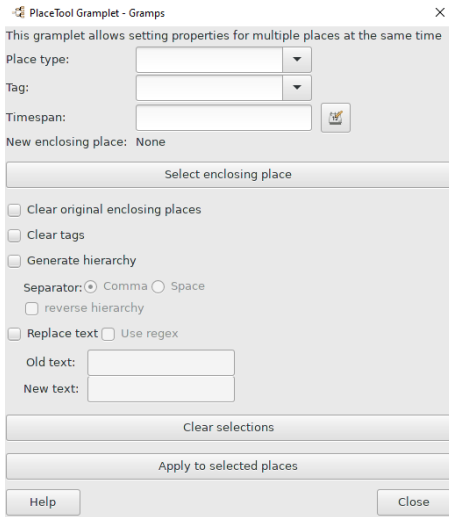


Fig. Isotammi.7 PlaceTool Gramplet - detached

The **PlaceTool Gramplet** can be used to manipulate multiple location data at once. It can form a hierarchy of places from comma-separated place names, the type of places can be changed, it can be used to move places (e.g., villages) inside the right keeper and to correct systematic typos. PlaceTool can be added to the bottombar in the Places category list view.

Deep Connections Graph

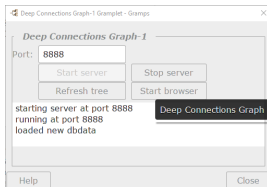


Fig. Isotammi.8 Deep Connections Graph Dashboard category gramplet - detached

The Deep Relationship Chart graph produces a graphical diagram of the relationships between two people - The chart shows not only the relationships, but also, for example, sponsorships and other events connections through Associations and through links in Notes.

The Deep Connections Graph gramplet for the Dashboard category is the control for controlling a locally hosted, browser interface to charts of the [Deep Connections](#) data. It allows a [LocalHost](#) server to be created, the current Tree data to be posted. The server has a Form interface to select two Persons and options for diagramming their direct or indirect connection.

Note that many of the error messages (when the server is unable to generate a graph/chart) are in [Finnish](#).

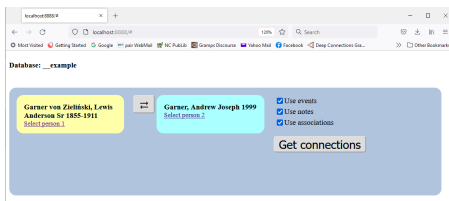


Fig. Isotammi.9 Deep Connections Graph browser interface

PropertyEditor

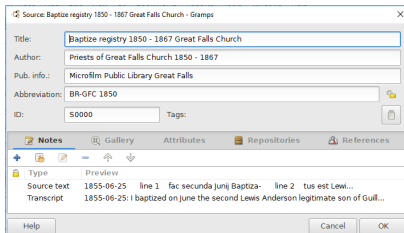


Fig. Isotammi.10 sample Edit Source dialog

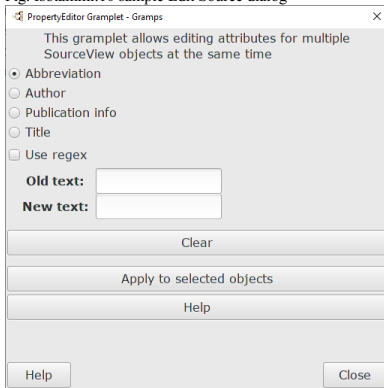


Fig. Isotammi.11 Property Editor source gramplet- detached

The Property Editor is a Source category gramplet allowing "Search and Replace" mass updates to selected subsets of Source records.

This tool was designed for use within the Isotammi collaborative Finnish genealogy project. It simplifies harmonization and merging of Source records.

See also

- [Event Description Editor](#) addon tool - Find and Replace text within the Description of Event records.
- [Set Attribute](#) addon tool - Overwrite text within the Attribute records in any Category.
- [SuperTool](#) addon tool - create custom mass updates when at specialized tool does not exist.

Add Sources Gramplet

This gramplet works together with the "Generate citations based on additional information" tool (generatetcitations).

This gramplet generates the necessary additional information without having to open the event. All you have to do is select the desired events and copy the additional information in the input field of the gramplet and press the button 'Add to selected events'. Co. additional information can be obtained from the digital directory or sshy's page (in the case of sshy, a browser extension is required <https://addons.mozilla.org/en-US/firefox/addon/sshy-selainlaajennus/> or https://chrome.google.com/webstore/detail/sshy_browser_extension/caomdajifdopk1kcajpkaoiaamegkb).

So this does not make source references until the end, but "Create source references based on additional information" must be run at the end anyway.

Direct translation from [AddSourcesGramplet/README.md](#)

Multimerge Gramplet

Excerpted from the [ReadMe.md](#) for the MultiMerge addon in the Isotammi GitHub Repository.

The Multimerge Gramplet allows the merging of multiple objects in a single step. This applies to the following object views:

- People
- Families
- Events
- Places
- Citations

- Sources
- Repositories
- Notes
- Media

[Add the MultiMergeGramplet](#) in the sidebar or bottombar of the corresponding view.

Usage

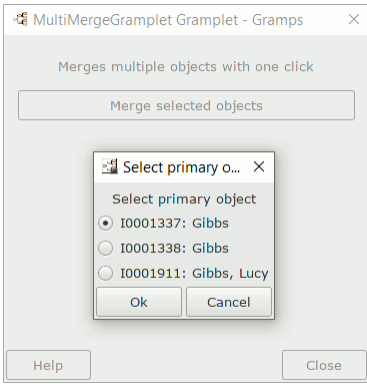


Fig. Isotammi.12 Isotammi MultiMerge Gramplet for 3 selected People

Select the objects to be merged and click the button "Merge selected objects".

The gramplet will ask which of the selected objects should be the primary object. The gramplet executes the standard merge function pairwise for the selected objects. The user can select the primary object but otherwise the merges are performed using the defaults for each case.

All changes are done under a single transaction and they can be undone from the Gramps menu **Edit -> Undo**.

Special handling for families

Two families cannot be merged if the primary family is missing a parent but the other family has the corresponding parent. The gramplet checks for this situation and does not allow selecting such family as the primary family. If there is no suitable primary family among the selected families then the gramplet issues the error "Impossible to merge" and stops.

Special handling for notes:

By default, when merging notes only the text of the primary note is preserved. This gramplet allows saving text from all merged notes by appending the text after the text of the primary note:

Automerge

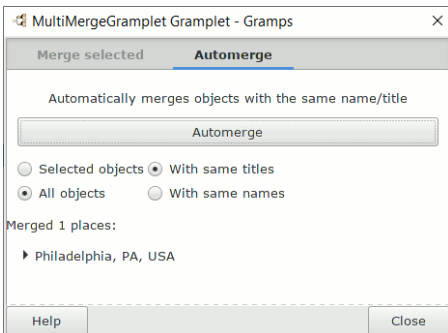


Fig. Isotammi.13 After using automerge for all Places with the same Title

There is also an "Automerge" feature. Automerge is accessible from its own tab when the Multimerge Gramplet is added to the splitbars of the Places, Sources and Repositories category views.

This will automatically merge all objects with the same name (or title for Source and Places). As instructed by the Radio Button choice, this affects

either: only the selected objects; or, all objects. After the operation, a list of merged objects will be displayed.

Filter+

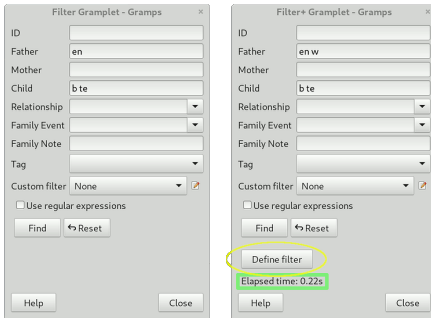


Fig. Isotammi.14 Families category's Filter gramplet compared to the Filter+ addon

It is often desirable to use the Filter gramplet interactively find a subset of records. But since Tools, Reports and Exports do not have the option to restrict themselves to that filtered data, this subset either had to be manually re-built as a Custom Filter (which meant discovering which rules corresponded to filter fields) or to Tag the view contents then create a Custom Filter for that Tag.

Filter+ has the option to create a Custom Filter directly from the Filter parameters.

Filter+ gramplets are designed to look very similar to the built-in Filter Gramplets. But Filter+ add-on gramplets are slightly enhanced versions. These addons do NOT upgrade the built-ins. Just add the Filter+ gramplets to the sidebar of each Category. (It is advisable to remove the built-in from the sidebar as the addons include all the original features.)

The enhancements are:

- There is a new `Define filter` button that automatically creates a custom filter based on the given criteria. This makes it easy to create simple custom filters.
- Selecting the Find button also displays the elapsed time to run the filter.
- The "Father", "Mother" and "Child" allow searching for multiple partial names in the Families Filter+ fields. This behaves the same way as searching Names in the "People" filter. The un-enhanced filter tried to match the entire string exactly. (For example, "en w" matches for the Father in [example.gramps](#) will find 34 families including: "Lawrence Gill" and "Edward Green". Adding a Child "b te" reduces the list to 4 families.) This 5.1 enhancement is already present in the 5.2 [Family category Filter Gramplet](#).
- The Citation Filter+ uses "Very low" as the default confidence level. The regular filter defaults to "Normal" (which might miss some citations).

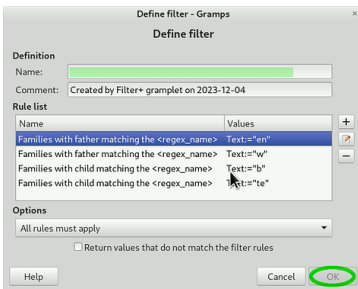


Fig. Isotammi.15 A Families category custom filter defined by Filter+ gramplet

Clicking the `Define filter` button will scrape the Gramplet parameters into rules for a Custom Filter. After you add a name for the new Custom Filter, the `OK` button becomes active.

The Rules used to simulate the Filter Gramplet in each category (except the Dashboard) are illustrated and listed in the [Gramplets](#) section of the wiki:

[People](#), [Relationships](#), [Families](#), [Charts](#), [Events](#), [Places](#),
[Geography](#), [Sources](#), [Citations](#), [Repositories](#), [Media](#), [Notes](#)

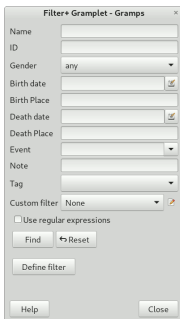


Fig. Isotammi.16 People category Filter+ gramplet with Death Event parameters

The People category Filter+ Gramplet is expanded to include parameters for searching Death Events.

Added Rules:

The Filter+ needed some addon rules to support the same parameter filtering as the Filter gramplet.

- HasEventBase+ : HasEventBase+ - used by Filter+
- HasSourceBase+ : HasSourceBase+ - used by Filter+

Tools

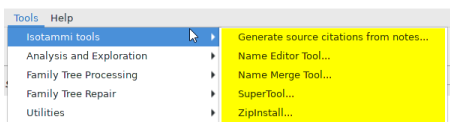


Fig. Isotammi.17 Isotammi Tools menu

Tools are available under the **Tools > Isotammi tools > ...** menu.

- [Tools > Isotammi tools > Generate source citations from notes...](#)
- [Tools > Isotammi tools > Name Editor Tool...](#)
- [Tools > Isotammi tools > Name Merge Tool...](#)
- [Tools > Isotammi tools > SuperTool...](#)
- [Tools > Isotammi tools > ZipInstall...](#)

Generate source citations from notes

The **Generate source citations from notes** tool is a specialized tool that can interpret a source reference obtained from a digital directory or SSHY page, which is stored in Gramps, eg for additional information about an event. The tool then forms the based on the text reference to the source, source, and archive Gramps and deletes the original additional information. The additional information must not contain other text and the source reference must be copied there as it is. The tool processes all additional information in this format at the same time. The SSHY source reference must be retrieved using a special SSHY browser extension (<https://addons.mozilla.org/en-US/firefox/addon/sshy-selainlaajennus/> or <https://chrome.google.com/webstore/detail/sshy-selainlaajennus/caomdajifcdopkikceajpkoaiamaegkb>)

Name Editor Tool

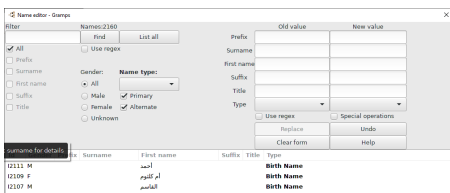


Fig. Isotammi.18 Name editor - tool

The **Name Editor** Tool standardizes family names in the family tree to eliminate random scribe practices and, to make it easier to find duplicates in the family tree and to merge. For example, Gramps' "MultiMerge" and "Family Auto Merge Tool" work more efficiently the more consistent the nomenclature. In addition, the tool maintains the primary and alternative name types of individuals.

Usage

After installing the add-on in Gramps, the tool can be found in the Tools -> Isotammi Tools group

The name editing tool lists the people in the family by line, alphabetically by surname and first name, after a short time. At the top left of the list window is a line of text for filtering. Its value targeting can be refined by name parts and gender as well as name type. Regular expressions (regex) can also be used. At the top right of the list window are the editing preferences, which are described in more detail below.

In the list, the person lines are alphabetically by last name and first name. The information in the line is the person's ID in Gramps (Id), gender (M = male, F = female, ? = Unknown), surname Prefix, actual Surname, First names, Suffix (contains patro / matrimonial information according to Isotammi's practice), Title (person's Title) and Type (birth, marriage, known, etc.).

The following figure, which filters people with the letter "r" in the list, provides examples of the need to edit. The situation is very typical when the family tree is combined with material from several sources, in which case there is no uniform practice.

- the matronymic should be moved to the Suffix
- suffixes (patronyms and matronyms are mixed in Finnish and Swedish
- patronym is abbreviated (Joh.sson)
- the surname deviates from the recommendation of how to mark the unknown part of the name
- first name and patronymic are the same

Use

If the filter text targets a name part, uncheck the "All" box and check the desired part (s). If gender does not matter, leave the "All" option on it, otherwise the sexual. The Regex box is checked when the corresponding rule is in the "Filter" text. Filtering is started with the "Search" button and the list then contains only the person lines that match the criteria. The "List All" button returns to the unfiltered list.

Practically worth it

- look at rows filtered, e.g., by women's first names, because then changes to the rows may not be appropriate for men (e.g., "Christ:" can be safely interpreted as a woman's name, "Christina," but for men, it would be "Christer" or Christian).
- first take care of the abbreviations of the name parts. For their initial filtering, write "Filter" in the text "Filter", for example ";", ".", ";", ".sson" or other string used by scribes to abbreviate parts of names in the congregation.
- targets conversions to people selected from the list bar. The selection can be made on all rows at once or by picking individual rows. The latter method can be tedious if the original filter selected a large number of rows. This will refine the filtering text (e.g. ":" i.e. select all people's abbreviated first names and patronymics, but "men, first name," Henr: "would only list lines where the first name" Henr: "can be safely decompressed to" Henric ").

Name type

Gramps has a number of standardized name types (Birth Name, Avion Name, Known Name, Unknown), in addition to which the genealogist can define his own types (common ones include Military Name, Taken Name, Noble Name, Artist Name). A person can have several names, one of which is selected as the primary and appears in the person list, and the others are set as alternate names. However, each must have a first name and a patronymic and / or surname. See See also Quality Guidelines for Genealogists on naming conventions.

The tool loads all name types in the genealogy from the selection list and rows can be filtered and edited by name type. In the person line of the list, the primary name type is in bold.

Editing rules

At the top right of the list window are fields and buttons for editing. In basic operation, first select the line of the name part to be edited, write the current value ("Old value") and the desired value ("New value"). For example, in men "Joh." in the first name filtered, the current value is written Joh. and the new value Johan.

The edit only affects the rows that are selected in the list. Filtering alone does not select rows!

All rows are selected at once with the key combination CTRL + A.

The replacement affects part of the text. For example, if the first name is "Lars Sim:" and "Sim:" is to be converted to "Simon", write the old value Sim: and the new value Simon. The first name after this is "Lars Simon".

The Regex rule is available by ticking.

Editing can be activated with "Special Functions", the ticking of which opens up possibilities for moving parts of names between them. (examples of use!)

The editing is performed with the "Replace" button. The "Undo previous change" button cancels the last corrections. An incorrect conversion can also be undone by holding the selected rows and performing a counter conversion, e.g. Old = "Henricz"> New = "Henric".

Due to the possibility of cancellation, it is worth learning how to use the tool by boldly trying different variants, eg for one or a few names at a time.

Please note

Clicking on the list bar opens the respective personal editor. Point-specific changes can be made to it, i.e. only the modification necessary for the person concerned, such as transfers between the primary and alternative names, the correction of a very rare surname clerical error, or the transfer of a surname that has crept into the patronymic to the surname.

Gender is an integral part of editing. The name editing tool cannot be used to edit genders, but the "NameMerge" and "SetGender" tools are available. When used in advance or interrupted by the Name Editor, interrupting the gender encoding improves the impact of the Name Editor.

Name Merge Tool

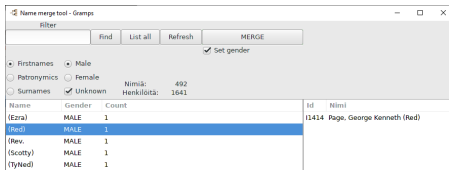


Fig. Isotammi.19 Name Merge tool

The **Name Merge** Tool standardizes family names by combining the same but slightly differently spelled first or last name names so that the names of the people are in the genealogy for the Genealogist's own use or for the recipients of the genealogy, either as printouts or gedcom transfer files. The merger significantly reduces the name editing work with the *Name Update Tool*. The Gramps *MultiMerge* and *Family Auto Merge Tool* also work more efficiently the more consistent the nomenclature.

Some common first names have been written by parish scribes in dozens of different forms, based on Swedish and German naming practices (e.g. the name family Heikki <Henric, Henrik, Heinrich, Hinrich, Hindrick, Hen; ...). The same variation exists in other parts of the names (e.g., v/w/fv and f/ph spellings have been used). There is a similarity in surnames, especially in the registration of long foreign surnames.

Usage

After starting Gramps, the tool can be found in the Isotammi Tools group - NameMerge opens after a short time after thinking about the list of names of all people's first names, with their personal numbers - at the top of the list window there are gender selections,

The list shows the relevant part of the name and gender in alphabetical order. If the same part of the name has known and unknown genders, the same form of name is in the list of two, followed by the number of persons in the cases in question.

At the top is the "Set gender" checkbox, which automatically updates the gender in the merger for each person involved in the merger, if there is a single case of gender that is known to be merged.

Use

To merge names from a list, follow these steps:

To be merged, left-click and CTRL + left-click the last name in successive names. Discontinuous names can be selected and canceled with the left mouse click of SHIFT + - you can remove the name from the selected ones with the left mouse click of SHIFT + (a good way if there are non-merged names among the ones selected in succession)

The merge is performed with the MERGE button at the top. The merge is canceled by selecting Gramps Edit> Cancel. In the picture, three "Adolf" name spellings are selected and the Merge button is pressed. The tool suggests the form with the most people as the primary one.

The Merge button opens a new window Select primary name ". Where the desired name format is selected as the primary (eg "Adolf"e instead of Adolph" in the figure). When you double-click the merged person after merging, the "Show person" window opens, listing all the people involved in the merger. When you select a person from the list, their Personal Edit window can be opened with the Open button.

In the main Gramps window, the cursor moves in the People list, to the selected person, in which case you can open the person's Relationships window (if necessary, remove the filter from the list and the transfer will take place). This is useful if, for example, the person's first name contains information about his or her parents. In this case, it is not possible to form family relationships automatically when forming huskies. Parents can be corrected in the Relationships window. Note that the most direct way to add parents is to select "add a child to an existing family" using the father's or mother's last name as the search key.

After merging, only the selected primary name format, the number of people and the set gender remain in the tool list.

Tip

There are cases at the end of surnames that require other means than merging surnames. The following image shows a few examples of these:

- The last name starts with a lowercase letter (e.g. "barck"). If the number is small, the fastest way is to select the last name from the list, open the person for editing with a right-click and correct the last name directly in the person's name.
- The part of the prefix left in the surname (eg "d." In the name "d. Pahlen") is corrected as above.
- The surname contains information about its type (e.g. "eine geborene", "F.", "Född"). The first, rare situation is corrected as above. There are usually dozens of the latter cases. The correction is made with the "Name Editor" tool at once, replacing the text "F." Or "Född" with the last names. Note that the text to be replaced includes a space and that the text is replaced by leaving the new value blank.

Family Auto Merge Tool

The tool is intended for cleaning the parish's Hiskipiut stock. The tool merges the children of the parents into one family and adds a Marriage event to the family. Only parents whose names are in exactly the same form in the marriage and baptismal events of Hezekiah are directly interpreted as the same family. The tool records how many connected families it formed. The efficiency of the tool can be improved by using the Name Merge Tool and Name Editing tools mentioned above.

The next step is the researcher's own judgment. Family reunion continues in Gramps Families view. It is first sorted by the name of the husband, after which it is easy to identify the families left behind by the tool due to small differences in the name of the wife joining. Merging families in a view is done two at a time with Gramps' "Merge" tool or "Multimerge" tool for merging multiple families at once.

Once the men have been dealt with, the Families list is further sorted by wife's name, allowing families with small differences in husband's names to be combined accordingly.

In the Gramps interface, you should add the "Kids" tab to the Bottom bar and the "Events" tab to the Sidebar. They can be used to check that there are no visible flaws in the reunited family, e.g., the children have too long a time interval or the marriage event does not fit the children's time. These are signs that unrelated families or children have been merged into the same family.

SuperTool

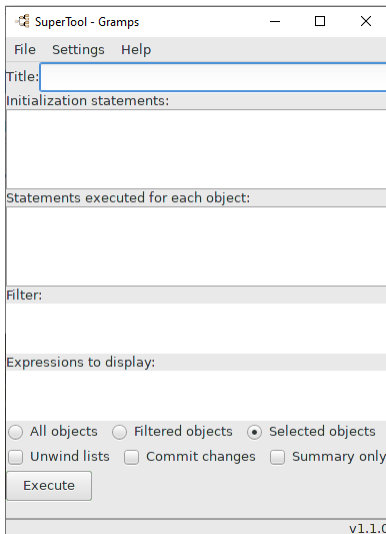


Fig. Isotammi.20 SuperTool

From [SuperTool/README.md](#) on GitHub

This is a general purpose scripting tool that can be used to do "ad-hoc" queries against a Gramps family tree/database. The queries are expressed in the Python programming language so the tool is most useful for programmers. But the intent is also that the tool is easy enough to allow regular Gramps users to make use of it.

The queries can be saved as script files that any user may then load into the tool — without necessarily understanding the details. The queries can also be saved as Generic rule-based Custom Filters that may be used throughout Gramps.

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From the SuperTool user docs on GitHub

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- [User interface](#)
- [Basic examples](#)
- [Pre-defined variables](#)
- [Example](#)
- [Accessing Gramps objects](#)
- [General variables](#)
- [Help feature](#)
- [Options](#)
- [Row limit](#) - 1,000 Gtk toolbox Row limit mitigated in May 2024 — *new for version 1.4.2 of SuperTool*
- [Editing objects](#)
- [Download/copy as CSV](#)
- [Title field](#)
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- [Supported object types](#)
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- [Modifying the database](#)
- [Deleting objects](#)
- [Saving the query as a script file](#)
- [Saving the query as a custom filter](#)
- [Using predefined custom filters](#)
- [Running from the command line](#)
- [Proxy objects](#)
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- [examples](#)
- **Reference**
 - Properties supported by the various object category types.
 - [global variables and functions](#)
 - [Command line options](#)
 - [Sample files](#)

Direct Access to Gramps Functions

Initially, the higher order functions of certain [Python Standard Library](#) modules ([os](#), [sys](#), [re](#), [functools](#), [collections](#)) are available in SuperTool by default. And the Gramps [Primary Object](#) matching the currently active view ([Person](#), [Family](#) etc) are implicitly defined when the tool is started. [Secondary objects](#) (like [EventType](#), [PlaceName](#)) are *not* defined and the script has to explicitly import them (in the "Initialization Statements" section) if they are needed.

This tool works in the Gramps versions 5.x and later. It will be installed in the "Isotammi tools" submenu under the Tools menu.

The tool allows arbitrary Python code so it can also be used to modify the database.

For instructions on how to use this tool please visit the [SuperTool](#) - Instructions on Github.

Generic Rules for Supertool

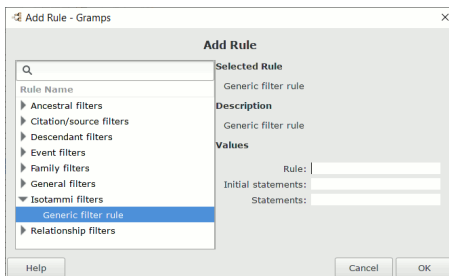


Fig. Isotammi.21 Isotammi Generic Rule

SuperTool simplifies designing a new database query and provides an option to immediately apply that query design to the Tree. However, to use that query design as a limit elsewhere (in a View, with a Tool, on a Report, or when Exporting a portion of your Tree) in Gramps, the query 'initialization' and 'statements' specifications must be inserted into a Generic Rule. And then that Titled (named) Rule can be used in Custom Filters.

- Generic person filter
- Generic family filter
- Generic event filter
- Generic place filter
- Generic source filter
- Generic citation filter
- Generic repository filter
- Generic media filter
- Generic note filter

SuperTool Scripts

If you create library folder with a series of Scripts, it is helpful to [add a Bookmark for that folder to the GTK File Chooser](#). This simplifies navigating to your script library folder.

Discourse support forum threads ([supertool-script](#) and [isotammi](#) category searches)

- Scripting Tutorial: [mark surname origin as Patrilineal](#) if matches father surname
- Scripting Tutorial: [mark surname origin as Taken](#) if matches spouse surname
- Scripting Tutorial adaptation: [Family Nickname propagation to descendants](#)
- Scripting Tutorial adaptation: [monogram placeholders for sorting](#) (French)
- Simple Access Tutorial: [Adapting the example developer snippets in the Gramps Simple Class to SuperTool](#) (link a standard Gramps module)

- [migrate date entered in wrong field](#)
- [Generating a Couverture name \(the "née" form\) as a Primary name](#)
- [Creating Media filter rules with SuperTool](#)
- [Creating Citations filter rules with SuperTool](#)
- [Duplicating Citations](#)
- [Invalid Date re-Formatter](#) with Localization variants
- [make selected object Private](#)
- [Find specific Attributes and tag as Private](#)
- [Set selected people as Private](#)
- [gather a list of registered Gramps Plugins](#)
- [Parse URL and ID numbers from Ancestry CSV](#)

The SuperTool scripts of Patrice Legoux (source and note in French. Coming soon!) [Recommended reference documents for SuperTool](#)

- On Discourse: [Tweaking the Sort Order for Names override](#)
- On Discourse: [Global reset the Sort Order for Names override](#)
- On Discourse: [generate a CSV list of People, dates and Places](#)
- On Discourse: [Calculate an object's creation date from its handle](#)
- On Discourse: [find Citations for tagged persons](#)
- On Discourse: [Set citation URL attribute](#) (requires correction)
- On Discourse: [The boolean at the end of dates returned with obj_date.dateval](#)
- On Discourse: [Merge multiple objects](#)
- On Discourse: [create a Repository research plan](#)
- On Discourse: [set .jpg media paths](#)
- [PLegoux filter library](#)
- [Filtre Supertool automatisant la recherche d'individus ou de familles dont un événement n'a pas de source probante](#) [filter for unsecured Events]
- [Import Gedcom to find points-in-common](#)
- [Supertool et attributs d'événements partagés](#) (updating shared event attributes)

See also:

- [Generic DB Access lib \(AKA libaccess\)](#) add-on - an experimental library that provides generic access to the database and the gen.lib interface (AKA The core library of Gramps objects).

FilterParams tool

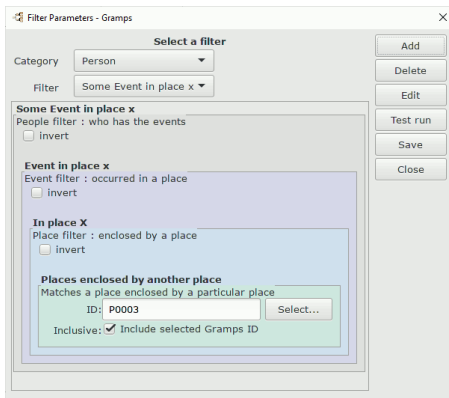


Fig. Isotammi.22 Isotammi FilterParams dialog

The FilterParams dialog flattens the number of steps needed to adjust parameters in a custom filter.

Currently [in beta](#).

Example illustrates the following 3 stage custom filter:

```
<?xml version="1.0" encoding="utf-8"?>
<filters>
  <object type="Person">
    <filter name="Some Event in place x" function="and" comment="People filter : who has the events">
      <rule class="MatchesEventFilter" use_regex="False">
        <arg value="Event in place x"/>
      </rule>
    </filter>
  </object>
  <object type="Event">
    <filter name="Event in place x" function="and" comment="Event filter : occurred in a place">
      <rule class="MatchesPlaceFilter" use_regex="False">

```

```

    <arg value="In place X"/>
  </rule>
</filter>
</object>
<object type="Place">
  <filter name="In place X" function="and" comment="Place filter : enclosed by a place">
    <rule class="IsEnclosedBy" use_regex="False">
      <arg value="P0003"/>
      <arg value="1"/>
    </rule>
  </filter>
</object>
</filters>

```



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ZipInstall

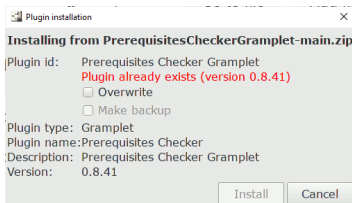


Fig. Isotammi.23 Isotammi ZIPInstall

Tool to install an addon from a ZIP or a .tgz compressed download file.

This is very efficient when downloading GitHub code ZIP files. The ZIPInstall GtkFileChooser dialog has a button to change to the "Downloads" folder. Sort on date and your recent download is on the first line. The install option automatically checks the Gramps Registry and puts the updated code in the correct plugin subfolder.

The ZIPInstall will confirm that you want to overwrite and offer the option to backup the existing addon.

Isotammi [ZipInstall](#) GitHub folder.

Import CSV sources

The "[Import CSV sources](#)" Tool is a specialized tool that can load Gramps sources from a csv (comma separated values) file. For each line of the file, the tool generates an Archive (optional, source, Additional source-related Information (optional) and Property (optional) for Gramps.

The tool is installed in the Gramps Tools> Isotammi tools folder.

The tool is fed with a .csv file that reads the information under the following column headings: - title (pakollinen) - author - abbrev - pubinfo - repository -

Heading titles should be written exactly like that, in lower case. The order of the columns does not matter and not every one needs to be included. Other columns are ignored.

Each line creates a new source and is given a sequential ID numbering: S0001, S0002, etc. Therefore, any gramps-id information in the file is not used. If there are already sources and archives in the database, duplicate ID values may become available (but they can be renumbered later with Tools -> Family Tree Processing -> "Rearrange Gramps IDs" to Select Source and Archive Items)

The contents of the columns title, author, abbrev, and pubinfo are stored as is in the source.

The Repository column has special handling:

- The repository can be empty, so the source is not attached to any archive.
- If the column contains an id in square brackets (format [Rxxxx]), then the source is appended to the corresponding archive if it is already in the database. If archive does not exist, a new archive named "[Rxxxx]" is created and the source is attached to it.
- If there is another value in the column, it is interpreted as an archive name, creating a new archive with that name and appending the source to it. However, if the same name is used multiple times, the tool only creates one archive. If the name is already in a position in an existing archive, the tool cannot associate the new name with it (this can be corrected later by merging the archives in question).

Convert NARC URLs

Convert the obsolete URLs of the Finnish National Archive's digital resources found in the Gramps database into Astia addresses.

Example: Typically converts
<http://digi.narc.fi/digi/view.ka?kuid=nnnnnnnn>
 to
<https://astia.narc.fi/uusiastia/viewer/?fileId=xxxxxxx&aisenold=yyyyyyyyyy>

Uses the conversion service of the National Archives, which unfortunately does not work for all addresses.

Affects the addresses in Notes and on the people's Internet tab.

[Make a backup](#) first. Start from the **Tools -> Isotammi** submenu. The conversion starts immediately, it can be interrupted with the Cancel button. The changes made can be canceled with the **Edit -> Undo** function or the **Family Trees -> Abandon Changes and Quit**.

Rules



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Events with an invalid/valid date

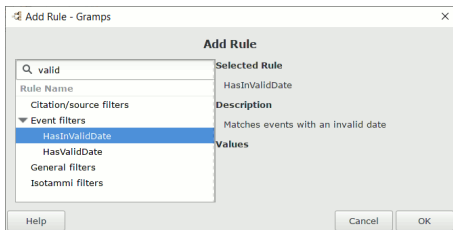


Fig. Isotammi.24 Events with Invalid Date Rule

Events with an invalid date/Events with a valid date are rules that can be used to search for events with incorrect dates. These are not exactly opposites of each other, as the event may also lack date information, in which case it does not match either rule.

Generic <Object> filter

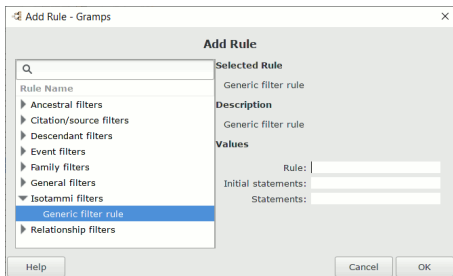


Fig. Isotammi.25 Isotammi Generic Rule

Generic Rules allow a Query to be directly saved as a reusable custom Rule. These Generic Rules were created as an accessory to the [SuperTool](#) query builder, editor, and executing shell. Queries in the SuperTool have a compatible syntax and segmentation with fields of the Generic Rule.

If you prefer to design queries manually, a simple free-form text editor and query execution shell in the [Query Gramplet](#) add-on. However, for use in a Generic Rule the query must be composed in the exact syntax expected. There is no validation nor safety nets in the Generic Filter Rules. For this reason, it is recommended that syntax be tested in SuperTool. Then the Custom Filter be 'Test run' with the [FilterParams](#) add-on tool... which is the *only* custom filter tool with a capability to abort a query in progress.

- Generic person filter
- Generic family filter
- Generic event filter
- Generic place filter
- Generic source filter
- Generic citation filter
- Generic repository filter

- Generic media filter
- Generic note filter

Exporter



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Please update or expand this section.

Isotammi XML export

Fig. Isotammi.26 Isotammi XML export - Export options dialog.
(Options Highlighted)

Exporter for **Isotammi XML export** expands the options available compared to the builtin [Gramps XML \(family tree\) export\(er\)](#).

Choose Menu **Family Trees ->Export...** then select **Next** and select **Isotammi XML export** then select **Next** and choose the file format specific export options you want to use and then select **Next** to choose your filename and location and output the file.

File format specific export options

Listed underneath the "Filters and privacy" section you have the following file format specific export options:

- Use Compression
- Include media
- Description: adds a user description to the output file.
- Material type - describes the internal annotation in the header of the export file. Used by the Isotammi project's automated processing tools to correctly route the data into their master database.
 - Family tree
 - Place Data
 - Hiski Tree - [Hiski Tree - HisKi project includes lists of christenings, marriages, burials and moves for most Finland parishes](#) - HisKi is a [portmanteau](#) of the Finnish term "historiakirjat" (in English, "historical parish books"). HisKi Trees are isolated branches related to a single citation processed by members of the Genealogical Society of Finland. (In their project, if a parish book has separate citation worthy entries for a christening, marriage and funeral; then there might be 3 duplicate Persons and duplicates for each unique associated person in the citation. Merging is processed as a separate operation from data entry.)



This article's content is incomplete or a placeholder stub.
Please update or expand this section.

Using any of these options adds the following unsupported section entries to [Gramps XML](#) output:

```
<isotammi>
<researcher-info>
</researcher-info>
<material_type>Family Tree</material_type>
<user_description>
This is my Family tree test with Isotammi addons
</user_description>
</isotammi>
```

See also

- [Isotammi](#), the national database of the Finnish Genealogical Society.
- [stk-addons](#) - Additional modules and programs for the genealogy application Gramps.
- Search [Matt's Gramps Addon List](#) for Isotammi contributions.
- Inspect the current updates [/listings/addons-en.txt](#) file in the Isotammi Where to check: <https://raw.githubusercontent.com/Taapeli/isotammi-addons/master/addons/gramps51> URL in the [Third party addons management](#) Preferences. (See the [main addons list](#) for the default list.)
- Feature Request [12546](#): Expand Gramps XML to support "Description" tag from Isotammi XML export(er)



Webpage originally duplicated from Isotammi and translated to English and expanded.

Collected 11 May 2021

<http://wiki.isotammi.net/wiki/Gramps-laajennukset>

LastChange

This is a [Third-party Addon](#).

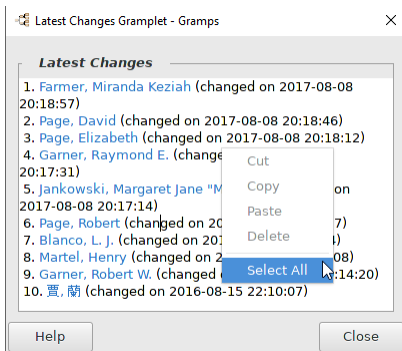


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

This addon has both a [gramplet](#) and a [report](#). Both list the last ten person records that have been changed in the open tree, starting with the most recent change and the report allow you list all eight categories of objects.

Usage

Latest Changes Gramplet



Latest Changes Gramplet - showing context menu

The **Latest Changes Gramplet** is a quick way to list the last ten person records that have been changed in the open tree, starting with the most recent change. The names are linked back to the records they come from, giving you an easy way to get back to where you were working last. You can also copy the content of gramplet using the context menu.

Note the "Add a gramplet" context menu shows this as "Last Change"!

Last Change Report

Last Change Report

People Changed

ID	Person	Changed On
1	I2156 賈 顯	2016-08-15 22:10:07
2	I2155 李 秋	2016-08-15 22:09:28
3	I2149 賈 珠	2016-08-15 22:09:28
4	I2153 賈 探春	2016-08-15 22:08:11
5	I2154 賈 環	2016-08-15 22:07:56
6	I2152 趙 姨娘	2016-08-15 22:07:56
7	I2141 賈 政	2016-08-15 22:07:56
8	I2151 賈 寶玉	2016-08-15 22:06:19
9	I2150 賈 元春	2016-08-15 22:06:19
10	I2148 王, 夫人	2016-08-15 22:06:19

Families Changed

ID	Family Surname	Changed On
1	F0761 賈 and 李	2016-08-15 22:10:07
2	F0760 賈 and 趙	2016-08-15 22:07:56
3	F0759 賈 and 王	2016-08-15 22:06:19
4	F0758 賈 and 王	2016-08-15 22:03:47
5	F0757 賈 and 鄭	2016-08-15 22:01:09
6	F0756 賈 and 史	2016-08-15 21:59:37
7	F0755 賈 and <Unknown>	2016-08-15 21:56:50
8	F0754 賈 and 李	2016-08-15 21:55:24
9	F0753 賈 and 尤	2016-08-15 21:54:30
10	F0752 賈 and <Unknown>	2016-08-15 21:46:23

Events Changed

ID	Eevent	Changed On
1	E3431 Death, 2006-01-11	2016-06-29 04:03:17
2	E3430 Death, 2005-06-28	2016-06-29 03:56:11
3	E3429 Death, 1995-03-02	2016-06-29 03:54:09
4	E3428 Death, 1990-02-02	2016-06-29 03:53:36
5	E3420 Birth, 1973-04-11	2016-06-29 03:52:01
6	E3427 Birth, 1978-11-30	2016-06-29 03:50:26

Last Change Report Sample

The **Last Change Report** expands the types of records you can list all eight categories of objects (People, Families, Places, Events, Media, Sources, Notes, Citations)

You can create the report via the menu **Reports > Text Reports > Last Change...**

By default only People objects are shown on the report.

Command Line(CLI) Usage

For Command Line(CLI) use, the following is an example command that runs the report on 'Family Tree 1' to file 'c:\output.txt' of type 'txt' with all types except media included in the report. Note that this is all on a single line, no line breaks.

```
gramps -O 'Family Tree 1' -a report -p name=LastChangeReport,of=c:\output.txt,off=txt,what_types='True,True,True,True,False
```

The section `what_types=` represent the list of 8 True/False choices is for the eight categories (People, Families, Places, Events, Media, Sources, Notes, Citations) that can be included in the report, at least one of which must be included.

Issues

- The gramplet is found under the "Add a gramplet" context menu as "Last Change" instead of "Latest Changes"!
- Last Change Report's help goes to [\[1\]](#) instead of here.

Life Line Chart View

This is a [Third-party Addon](#).

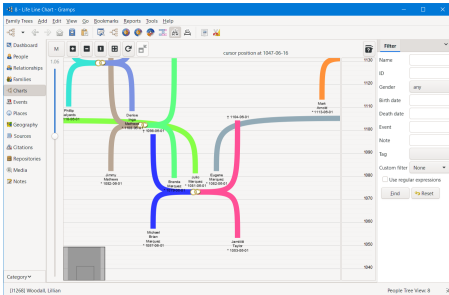


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#).

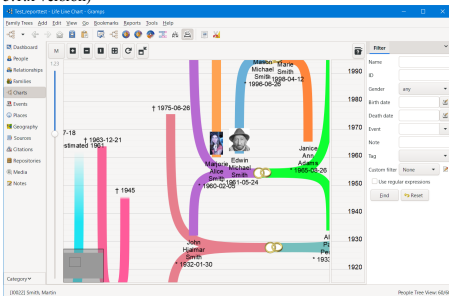
Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



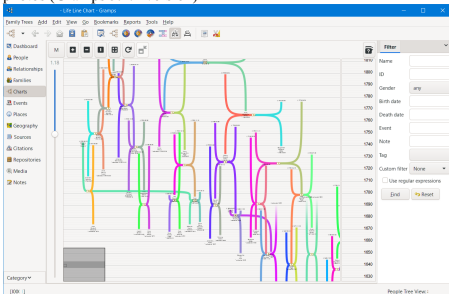
To enable SVG file export use the minimum requirement of Python 3.6 for [svgwrite prerequisite](#)



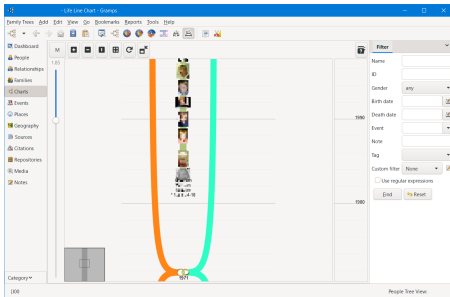
Life Line Chart View - addon - Visualizing an ancestors tree (Gramps 5.1.x version)



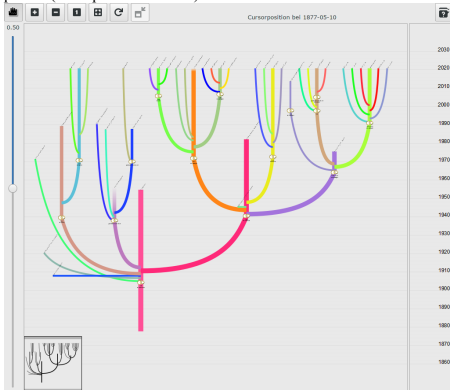
Life Line Chart View - addon - Visualizing a descendant tree with photos (Gramps 5.1.x version)




Life Line Chart View - addon - Visualizing a larger ancestor tree (Gramps 5.1.x version)



Life Line Chart View - addon - Visualizing an ancestor tree with photos (Gramps 5.1.x version)




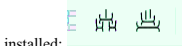
Life Line Chart View - addon - Visualizing a descendant tree in cactus shape (Gramps 5.1.x version)

Life Line Chart View is an interactive  **Charts** category view addon which shows individuals as lines in an ancestor or descendant chart. The length and position of the line depends on the actual life span and the marriages. The pedigree/ancestor collapse is handled. Labels for birth / names, death, and marriages can be added.

The active person on the person tab is starting point in both charts. Birth/christening/baptism, death/burial, and marriage dates need to be available to properly draw this chart. If they are incomplete reasonable guess values are chosen if possible. If not, then these individuals are not shown

Usage

Two new chart icons will appear in the  **Charts** category view tool bar if the addon was loaded successfully and the [prerequisites](#) have been



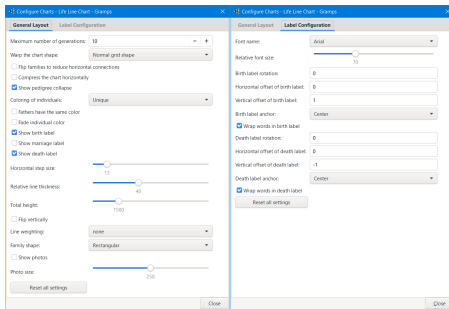
installed:

- Life Line Ancestor Chart View (left icon)
- Life Line Descendant Chart View (right icon)

- The charts can be configured using the [Configure the active view](#) dialog.
- You may zoom (if the chart is focused) with
 - `Ctrl` `+` and `Ctrl` `-`
 - `Ctrl` `+` mouse wheel
 - the GUI control buttons (+, -, fit to view, reset to 1)
- Scrolling is possible (if the chart is focused) with
 - mouse wheel, `⇧` `Shift` `+` mouse wheel
 - `Ctrl` `+` left mouse button (grabbing)
- Context menu enables
 - Opening the edit dialog
 - Change active person
 - Show / hide persons and their ancestors / descendants
 - Showing siblings in the ancestor chart

- You may lock **Ctrl** with the GUI control button "M"
- You may also use the filter to fade out individuals
- A tooltip shows the name, gramps id, birth and death date of the person.

Configure Options



Life Line Chart View - addon - Configure dialog (Gramps 5.1.x version)

The Configure the active view dialog shows two tabs of option that you can configure independently for the charts.

General Layout

- number of generations.
- relative line width.
- vertical and horizontal chart size.
- warping of the whole chart (normal grid, sine, triangle).
- show or hide pedigree collapse.
- unique line color or coloring based on surname.
- line fading represents the uncertainty of dates or the age.
- show or hide labels for birth, death, marriages.
- line weighting (only descendant diagram).
- general chart layout "parents enclose children" or "cactus" (only descendant diagram).
- optimizations (only ancestor diagram):
 - flip family to reduce the cross chart connection lengths.
 - horizontal chart compression.
- softness of the family shape.
- vertical flipping of the whole chart.
- show photos of the person on the line.
- size of the photos.

Label Configuration

- birth and death label.
 - position.
 - rotation.
 - alignment.
 - word wrapping.
 - font name and size.
- marriage label font size and name.

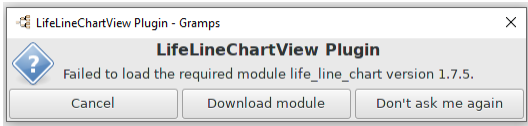
Features

- Photos of the persons can be displayed along the line. Their position is either based on the date that is set in the media object, or displayed in the order of appearance in the family tree.
- Overview map on the bottom left.
- The diagram can be exported as an SVG file using the **Save the Life Line Chart View** button (not available using Python 3.5).
- Layout optimization algorithms.
- Dark theme.
- Handling of [pedigree collapse](#).

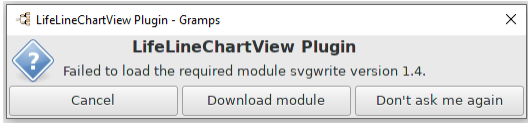
Prerequisites

If the requirements for this addon have not already been installed you will be prompted to download them semi-automatically by selecting the **Download module** button for each.

The addon is based on the Python module [life_line_chart](#), this Python module is required.



To enable SVG file export, the module ([svgwrite](#)) is required (which has a minimum requirement of Python 3.6).



Issues

- "smooth scrolling" is supported since GTK 3.24 ([GTK documentation](#)), the Windows AIO currently uses an older version.
- Touch screens are not properly supported on Windows. This is an unresolved GTK issue ([GTK issue](#))

For current issues see the related tag [LifeLineChartView](#) on the bugtracker.

Lines of Descendency Report

This is a [Third-party Addon](#).

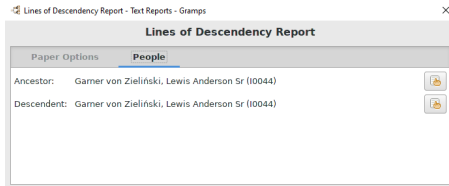


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

All sample reports



that are shown are created using Gramps [Data.gramps](#) file



People tab options

Lines of Descendency from Smith, Ingeman to Smith, Lars Peter

1. line:

1. Smith, Ingeman m. Ericsson, Marta
2. Smith, Martin m. Jefferson, Elsa
3. Smith, Martin m. Hansdotter, Kerstina
4. Smith, Gustaf Sr. m. Hansdotter, Anna
5. Smith, Hans Peter m. Jones, Lillie Harriet
6. Smith, Lloyd m. Green, Janis Elaine
7. Smith, Eric Lloyd m. Home, Darcy
8. Smith, Lars Peter

Lines of Descendency Report - example

The **Lines of Descendency** report prints out all lines of descendency between a given ancestor and a given descendent one after the other in the format shown below (using the Gramps example data). People on the left build the continuous ancestral line and those on the right are their corresponding spouses.

Usage

You can access the report from the following menu **Report > Text Reports > Lines of Descendency Report...**

From the reports **People** tab select the **Ancestor** and **Descendent** using the buttons.

Example output

```
'''Lines of Descendency from Smith, Ingeman to Smith, Craig Peter'''

'''1. line:'''
1. Smith, Ingeman m. Ericsson, Marta
2. Smith, Martin m. Jefferson, Elna
3. Smith, Martin m. Hansdotter, Kerstina
4. Smith, Gustaf Sr. m. Hansdotter, Anna
5. Smith, Hans Peter m. Jones, Lillie Harriet
6. Smith, Lloyd m. Green, Janis Elaine
7. Smith, Craig Peter

'''2. line:'''

(...)
```

Notice that even though the example data of Gramps does not offer a possibility to display this, the report makes no distinction between the male and female line. So a hypothetical output such as the one below is also proper:

```
'''Lines of Descendency from Smith, Ingeman to Nielsen, Augusta'''

'''1. line:'''
1. Smith, Ingeman m. Ericsson, Marta
2. Smith, Martin m. Jefferson, Elna
3. Smith, Martin m. Hansdotter, Kerstina
4. Smith, Margareth m. Green, Hans Gustaf
5. Green, Peter Lloyd m. Jones, Elisabeth
6. Green, Anna Maria m. Nielsen, Edwin
7. Nielsen, Augusta

'''2. line:'''

(...)
```

Development ideas

- Add option for including events, birth, death and marriage.
- Add option to include sources.
- Outdated original code [File:Lines-of-descendency.tar.gz](https://gramps-project.org/wiki/index.php?title=Gramps_5.1_Wiki_Manual_-_Reports#Lines_of_Descendency_Report) from 2009-10-23

Issues

- Help button goes to https://gramps-project.org/wiki/index.php?title=Gramps_5.1_Wiki_Manual_-_Reports#Lines_of_Descendency_Report

MapService-GoogleEarth

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

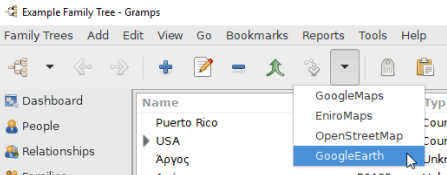
Unless otherwise stated on this page, you can download this addon by following: [these instructions](#);

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



The addon does not recognize if Google Earth Pro is installed and cannot be used

see [11864](#)



"GoogleEarth" - entry showing on map services selection dropdown list

This addon adds an additional [Map Service](#), that allows you to use Google Earth to show where one or more places are located on the globe.

Google Earth

From the Places Category view toolbar select "[GoogleEarth](#)" from the [Select a Map Service](#) drop down list.

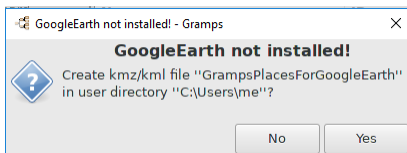
Then select one or more places that have coordinates (latitude/longitude) in the Place View List and to view either right-click and select "Look up with Map Service" or press the [Attempt to see selected locations with a Map Service \(OpenstreetMap, Google Maps, ...\)](#) button.



If a Place does not have a set of coordinates (latitude/longitude)

it will be skipped and a warning can be found in the log.

Prerequisites



"GoogleEarth not installed!" - dialog

You must have [Google Earth](#) installed to show the result.

If Google Earth is not installed the file created is located in the users home directory called **GrampsPlacesForGoogleEarth** (with file extension .km1 for a text file or .kmz for a zipped file) contains details describing the places to be viewed with coordinates, this file can be copied and used on any operating system that has Google Earth installed.



The addon does not recognize if Google Earth Pro is installed and cannot be used

see [11864](#)

Issue

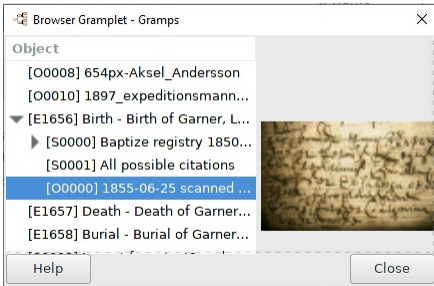
- This Addon/Plugin type does not have a help button
- [11864](#) [Map Services addon]Add support for "Google Earth Pro"

MediaBrowserGramplet

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Media "Browser Gramplet" - detached - example

The Media **Browser Gramplet** addon shows details of a person linked media objects.

Usage

- Appears and under the name "Browser" Gramplet! in the context menu to add a gramplet
- gramplet can be added to the following categories: People, Relationships, Charts, Geography

Issues

- help button goes to https://gramps-project.org/wiki/index.php?title=Gramps_5.1_Wiki_Manual_-_Gramplets#Media_Browser
- Github code [MediaBrowser](#)

MediaMerge

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.

This Addon/Plugin system is controlled by the [Plugin Manager](#).

Title	ID	Path
20181015_092457	00000	d:\users\prc\downloads\try\20181015_092457.jpg
20181015_092457	00005	20181015_092457.jpg
20181015_092457	00006	D:\Users\prc\Downloads\try\DOWNLOADS\try\20181015_092457.jpg
Capture	WXYZ	D:\Users\prc\Downloads\try\Capture.PNG
Capture	ABCD	d:\users\prc\Downloads\try\Capture.PNG
Capture	00010	D:\Users\prc\Downloads\try\Capture.PNG
PlaceCleanupMain	00002	D:\users\prc\downloads\try\PlaceCleanupMain.png
PlaceCleanupMain	00003	D:\Users\prc\Downloads\try\PlaceCleanupMain.png
PlaceCleanupMain	00004	d:\Users\prc\Downloads\try\PlaceCleanupMain.png
PlaceCleanupMain	00007	D:\Users\prc\Downloads\try\PlaceCleanupMain.png
PlaceCleanupMain	00008	\\dadz\d\Users\prc\Downloads\try\PlaceCleanupMain.png
PlaceCleanupMain	00009	\\dadz\d\Users\prc\Downloads\try\PlaceCleanupMain.png
QlaceCleanupMain	00001	d:\Users\prc\downloads\try\PlaceCleanupMain.png



Title	ID	Path
20181015_092457	00005	20181015_092457.jpg
Capture	WXYZ	D:\Users\prc\Downloads\try\Capture.PNG
PlaceCleanupMain	00008	\\dadz\d\Users\prc\Downloads\try\PlaceCleanupMain.png
QlaceCleanupMain	00001	d:\Users\prc\downloads\try\PlaceCleanupMain.png



Media Merge Tool's "Number of merges done" Results dialog and Before(top) and After(Bottom) screenshots of the [Media List View](#)

The **Merge Media** tool can search your database for media file entries that are pointing to the same actual file and when found, they can be merged together.

Usage

Select **Tools -> Family Tree Processing -> Merge Media** from the menu.

The tool will start with an 'Undo history warning' that suggest that you back up your work.

The tool then scans your family tree and depending on the result you are then presented with the:

- **No modifications made** dialog - if no media needs to be merged.
- **Number of merges done** dialog with the result of the automatic merge

Number of merges done

If any duplicate media is found and merged you will see the **Number of merges done** dialog with the resulting number that was merged.

No modifications made

If no duplicate media is found or remain to be merged you will see the **No modifications made** dialog with the result that "no media media items merged".

What is it For?

The **Merge Media** tool searches your database for media file entries that are pointing to the same actual file. This can occur with certain import types, and can occur if the user adds the same media more than once. When found, they are merged together.

The **Merge Media** tool:

- Compares all the media 'pathname' values, converting them internally to a common format for comparison.
- For Windows users, differences in capitalization on the path are ignored, as are differences in the path separators "\" vs. "/".

- For all users paths that are relative (using [Edit -> Preferences -> Base path for relative media paths](#)) are also compared to absolute paths or paths relative to your home directory.
- For all users, paths that contain ". ./" forms are also properly collapsed during the comparison.
- All of the above allows the addon to find variations that actually point to the same file.
- The addon will NOT find variations that include 'links'.
- The addon will NOT find 'UNC' style paths that have been assigned to drive letters (Windows users). For example, if "\\myPC\d" is assigned to the drive letter "D:", and files are entered each way, they will not be matched and merged.
- When merges are done, the media with the shortest pathname is kept.
- If pathnames have equal length, then the one with the lowest 'ID' is kept.

See also

- The builtin [Media Manager](#) which is group of four separate tools that allows you to do the following:
 - [Replace substrings in the path](#)
 - [Convert paths from relative to absolute](#)
 - [Convert paths from absolute to relative](#)
 - [Add images not included in database](#)
- The Third-party Addon [Media Verify Tool](#) is used verify a one-to-one relationship between media objects and files in the media directory.
- [Media Management](#)

MediaReport

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

Expedition



General:

Beschreibung: 1897_expeditionsmannschaft_rio_a
Image type: image/jpeg

Attributes:

Identification Number: 12345
Time: 1897

Tags:

ToDo



Garner, Robert F.

UNKNOWN



UNKNOWN



UNKNOWN



Garner von Zielinski,
Lewis Anderson Sr

UNKNOWN



UNKNOWN

Media Report - example output

The **Media Report** is a text report for images. The report allows custom headings and custom notes as well as the image data like notes, citations, tags, attributes and people references.

Usage

Once this addon has been installed:

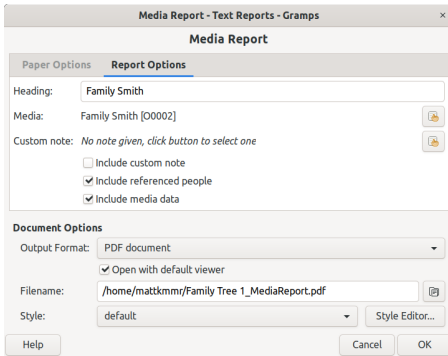
- Select Menu **Reports > Text Reports -> Media Report...**

Undo history warning



Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and [backup](#) your database.

- From the **Undo history warning** dialogue you can choose or .



Media Report - Option dialog

- The **Options** tab is displayed with the following:
 - **Heading:** The heading for the report.
 - **Media:** The media/image file for the report.
 - **Custom Note:** A custom note selector for this report.
 - **Include custom note:** If checked the selected custom note will be added.
 - **Include referenced people:** If checked people referenced on the image will be added to the report.
 - **Include media data:** If checked the media data (attributes, tags, citations) will be added to the report.

Once you have made your choices, you can either choose **Close** or **Execute** to apply the report generation.

Issues

- [11492](#) Media Report reduces image quality

See also

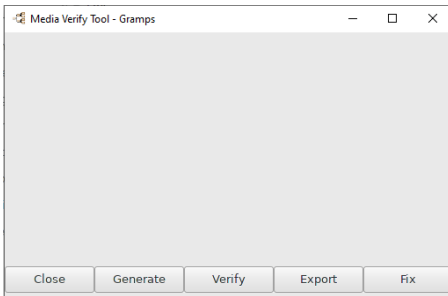
- [Photo Tagging Gramplet](#) addon

Media Verify Tool

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



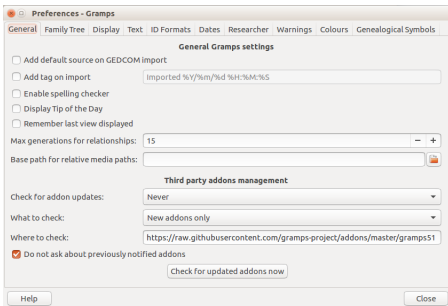
Media Verify Tool - dialog - default

The **Media Verify Tool** is used verify a one-to-one relationship between media objects and files in the media directory.

The main purpose of the tool is to locate files that have been moved and fix the paths.

Gramps generates [MD5 checksums](#) when adding media objects to the Tree. This tool uses those to verify the integrity of files under the media directory. It also allows users to use a file manager of their choice to manage media objects.

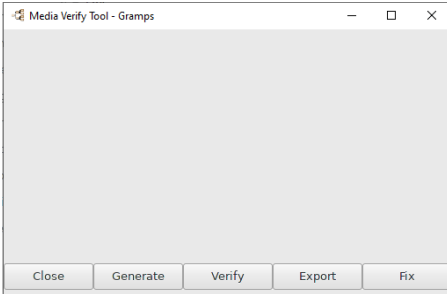
Preparation



Preferences - General tab showing the "Base path for relative media paths" setting

The **Media Verify Tool** tool assumes that you store all your media files under a media directory. You can specify this directory by setting the [Base path for relative media paths](#) in the **General** tab, under the **Edit->Preferences** menu option.

Usage



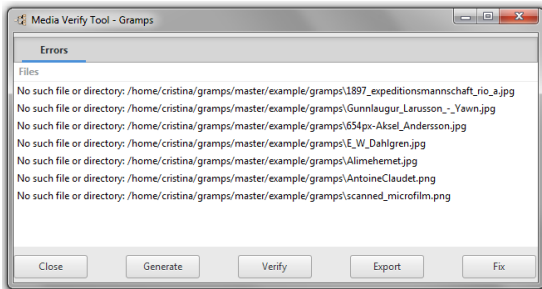
Media Verify Tool - dialog - default

You can access the tool from the **Tools > Utilities > Media Verify...** menu.

The **Media Verify Tool** dialog is display with the following choices:

- The **Close** button when selected will exit the tool.
- The **Generate** button will generate MD5 checksums for all media objects.
- The **Verify** button will perform various checks against your media objects in Gramps and media files under your media directory.
- The **Export** button when selected will export the report as a text file.
- The **Fix** button will fix the paths in the media objects to match the new paths listed in the **Verify** - **Moved/Renamed Files** section tab.

Generate



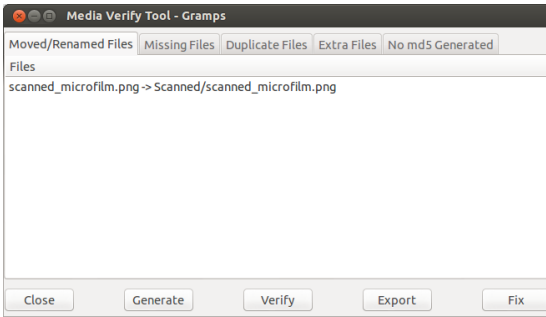
Clicking the **Generate** button will generate MD5 checksums for all media objects. You should run this after you have added or changed any media files. Media objects without MD5 checksums will be listed as part of the media verification. Resulting **Errors** will be displayed in the tab if any.

Verify

Clicking the **Verify** button will perform various checks against your media objects in Gramps and media files under your media directory and display the following section tabs only if that type of issue is present eg:

- **Moved/Renamed Files** -
- **Missing Files** -
- **Duplicate Files** -
- **Extra Files Files** -
- **No MD5 Generated** -

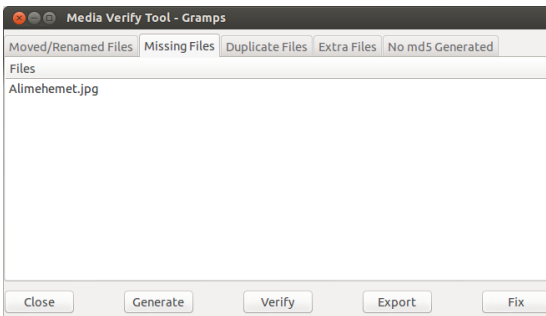
Moved/Renamed Files



Files that have moved or renamed are listed in the **Moved/Renamed Files** tab. Where there are multiple files with the same checksum under the media directory, the first one listed with the same name as the original will be displayed.

Double clicking on a row will edit the associated media object.

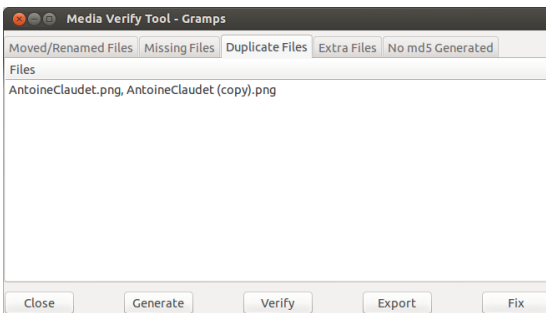
Missing Files



Media objects are listed in the **Missing Files** tab, when there is no file found with a matching checksum.

Double clicking on a row will edit the associated media object.

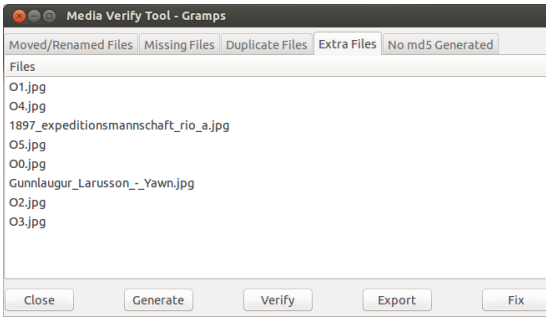
Duplicate Files



Files with duplicate checksums are listed in the **Duplicate Files** tab.

Double clicking on a row will display the image in the default viewer.

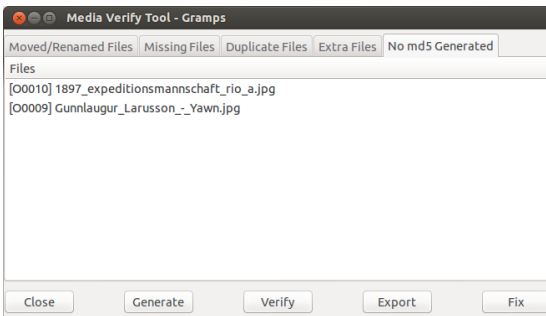
Extra Files



Files that are under the media directory, but not yet in Gramps are listed in the **Extra Files** tab.

Double clicking on a row will display the image in the default viewer.

No MD5 Generated



Media objects with no checksum are listed in the **No MD5 Generated** tab.

Double clicking on a row will edit the associated media object.

Export

Clicking the **Export** button will show the **Export results to a text file** dialog so you can save the report.

Example results text file

The results text file when viewed will show each type of issue displayed in its own section.

```
Missing Files
1897_expeditionsmannschaft_rio_a.jpg
Gunnlaugur_Larusson_-_Yawn.jpg
654px-Akxel_Andersson.jpg
Alimehemet.jpg
E_W_Dahlgren.jpg
AntoineClaudet.png
scanned_microfilm.png
```

Fix

Clicking the **Fix** button will fix the paths in the media objects to match the new paths listed in the **Verify** - **Moved/Renamed Files** section tab.

See also

- [Discourse support forum discussion](#) about strategies when using this tool
- The builtin **Media Manager**, which is group of four separate tools that allows you to do the following:
 - [Replace substrings in the path](#)
 - [Convert paths from relative to absolute](#)
 - [Convert paths from absolute to relative](#)
 - [Add images not included in database](#)
- The Third-party Addon **Merge Media** that searches your database for media file entries that are pointing to the same actual file and when

found, they can be merged together.

- [Media Management](#)

Issues

- Add a help button pointing here
- [7144](#) Media Verify: wrong handling of non-ascii characters
- [6744](#) Add Merge for Media Verify Plugin

Possible future enhancements

This tool could be enhanced to perform other tasks, such as:

- Merging media objects with duplicate files.
- Updating the checksum for modified files.
- Removing unused duplicate files.
- Creating media objects for unused files.

MongoDB

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

For Experts only! This is an Experimental Unreleased addon.



Gramps is not designed to be used by multiple users at the same time. While using a MongoDB server remotely allows multiple users to connect to a database, doing so simultaneously WILL cause database corruption and loss of data. If you chose to set up for multiple user access, please backup frequently, and set up a system of your own to make sure that only one person is using Gramps at one time. Gramps or the family tree MUST be closed before allowing another user to access the database.

The **MongoDB** addon provides experimental MongoDB database support for Gramps 5.x or greater.

MongoDB is an open-source document-oriented NOSQL database.

Prerequisites



Note these instruction assume you are using Linux or development environment.

As the **Gramps AIO & MacOS installers** do not come with the Prerequisites and can not be installed easily. see [10491](#)

Install the following packages:

- mongodb
- python3-pymongo

Start and enable the database service.

Windows & MacOS

As the **Gramps AIO & MacOS installers** do not come with the Prerequisites and can not be installed easily. see [10491](#)

Windows

If you really want to experiment with mongodb, (this is regarded as an extremely advanced activity), you will have to build up a development environment for Gramps under Windows and then add the mongodb prerequisites there. See [Gramps for Windows with MSYS2](#)

MacOS

The Mac bundle is aimed at normal users. Tinkerers can use **MacPorts** and have more-or-less the same environment as on Linux. *Note that Homebrew just downloads the Gramps bundle dmg, so it won't help in this case.* See: [Mac OS X:Build from source:MacPorts](#)

Creating a family tree

In the "**Family Tree**" tab of the Preferences, set the "**Database backend**" to **MongoDB**.

Enter the **Host** and **Port** if using anything other than the defaults.

In the **Family Tree Manager**, click and enter a family tree name.

Click the button.

Create or import some data.

Viewing a database using mongo

From the command line type:

```
$ mongo
```

At the prompt type:

```
> show dbs
```

You should see your family tree listed.

```
> use Family_Tree_1
```

```
> show collections
```

```
> db.person.find()
```

Now you should see some data.

Some query examples

```
> db.person.find({"gramps_id": "I0044"})
```

```
> db.person.find({"primary_name.surname_list.surname": "Garner"}).count()
```

```
> db.person.find({"primary_name.surname_list.surname": "Garner", "gender": 0}).count()
```

```
> db.event.find({"type.string": "Birth"})
```

See also

- [PostgreSQL](#)
- [DB-API Database Backend](#)
- <https://www.mongodb.com/>

Issues

- [10491](#) [Gramps AIO & MacOS installers] Add prerequisites MongoDB [Wontfix][Windows use : MSYS2/ MacOS use: MacPorts]

NetworkChart

This is a [Third-party Addon](#).



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Long chart creation times



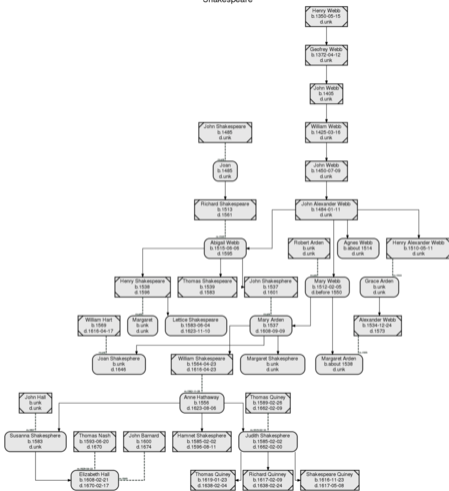
Generating a chart of every individual in a very large database can lead to long chart generation times (See [Performance](#)). Of course, subsets can be selected greatly reducing the chart generation times (See [Trim](#) and [Highlight](#)).

Slight Variations in Graph Layouts



Generated Network Chart graphs may change slightly after Gramps restarts. This is due to the [nondeterministic](#) nature of the Graphviz memory allocation method used in the dot layout engine.

Shakespeare



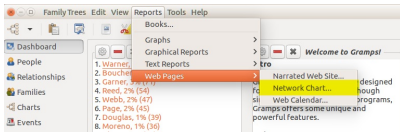
Example Default Output

Network Chart is a Web Pages Report addon for Gramps that can:

- Generate a single graph showing connectivity between individuals
- Has clickable nodes (individuals) that contain a hyperlink for a visual index
- Display connectivity paths and highlight them

The default output is a Scalable Vector Graphics (SVG) file that can be viewed in a browser. Network Chart requires the following [prerequisites](#): the python networkx module to assist in selecting what to display and Graphviz via the pygraphviz module to generate the chart.

Usage



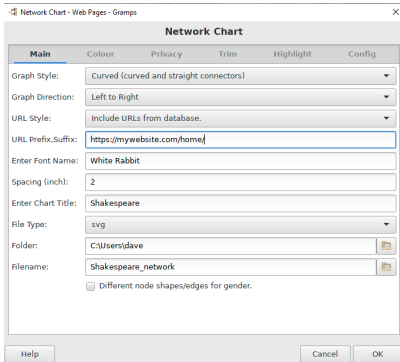
To Start Network Chart

To start the Network Chart add-on use the following menu option **Reports > Web Pages > Network Chart...**

Make sure you have installed the required [prerequisites](#).

Main

The Shakespeare database used for the examples was downloaded from the <http://genealogyoflife.com/> (Gone, try [II](#)) website.



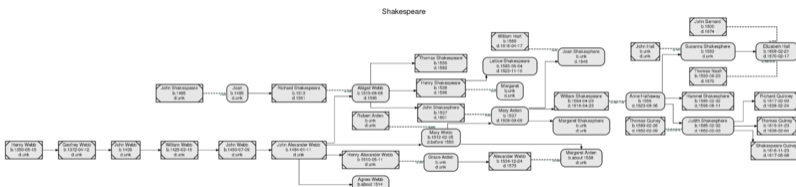
Network Chart **Main** preferences tab

The **Main** preferences tab (see image on left) controls the output Filename, Folder, File Type and chart title. The filename defaults to the database name + 'network' with '.svg'(default) added automatically on output. The Chart Title defaults to the database name and the folder to the top level user default home. Once an entry is changed it will be remembered and used for the next time as well. Clearing the entry will set it back to default. Additionally, name and date formats for the chart can be modified using the Gramps available formatting. The output File Type can be changed to a PDF. The PDF will not have URL links but everything else will display the same as the SVG.

Graph style menu selects the type of connectors with choices being Orthogonal, Straight, and Curved. In the example default output shown on the right, the default orthogonal option was selected resulting in straight connectors with right angles. Graphs with over 1500 people should probably use the Curved or Straight options with noticeable reduction in the time needed for graph generation.

Graph Direction controls which of the four different orientations to use.

URL Style selects one of Database, Dynamic, Static, or None (Don't include). This option selects what hyperlink will be used for individual nodes when the SVG chart is viewed from a browser. The Database option will select the primary URL from the database if one is available or none if it is not. Dynamic will use the URL Prefix, Suffix from the next line in the Menu and the GrampsID of the node. The Example Default Output chart shown includes dynamic URL's. For example, Henry Webb in the database has GrampsID = 10125. So the URL for that node will have the prefix of '<https://mywebsite.com/home/>' and the suffix '.html' yielding a node with a link to '<https://mywebsite.com/home/10125.html>'. The dynamic URL changes for every node. A static URL will use only the URL Prefix and the Don't Include URL or None will not place any link in the nodes.



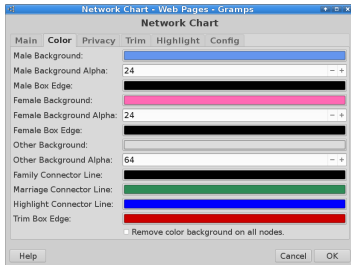
Example Output for Left to Right and Static URL's

The font selection is straightforward. Obtain the name of the font that you wish to use and type it in the entry box. The only requirement is that the font already be installed on your system. If the font is not found then a default font will be used. This is a silent operation and will not warn on a font not found. When the SVG graph is generated that font will be identified for use, however, if someone viewing the chart does not have the same font installed they will see their default font instead. (Embedding fonts in SVGs or making them a local access is possible but not available in this add-on.)

The default font is White Rabbit by Matthew Welch which is an extremely readable font. It can be obtained from <https://www.fontsquirrel.com/fonts/white-rabbit> and the license found at <http://www.squaregear.net/fonts/license.shtml>.

The Spacing option controls the space between "generations" of nodes. It can be anywhere from 0.1 - 5.0 inches. Finally, you can use "Different node shape/edges for gender" to controls the box shapes and makes the Male and Female box shapes different, by default this selection is turned off.

Color

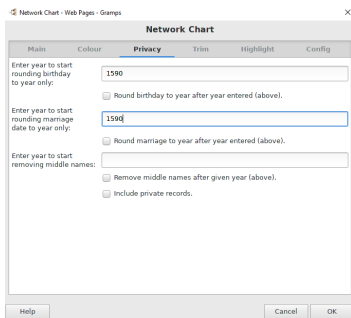


Network Chart **Color** preferences tab

The **Color** preferences tab controls most of the colors on the chart. The Network Chart SVG background is transparent so the background color you see will be the default background color of your browser or if the SVG was embedded in a webpage with a background image you will see that image below the Network Chart SVG. The node backgrounds for Male, Female, and Other can be changed. An [alpha transparency](#) is used for the individual node backgrounds. Setting this to 0 will make the node background completely transparent. Setting it to 255 will make it completely solid (opaque).

Connector lines are just that, the connecting lines from node to node for a family connection or marriage. The Highlight connector line is used for a highlighted path as discussed in the Highlight Menu section. The Trim box edge is used on nodes in the graph that have been "trimmed" as discussed in the Trim Menu section. Finally, all node background colors can be set to none with the Remove Color Backgrounds option.

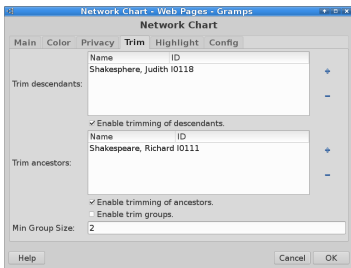
Privacy



Network Chart **Privacy** preferences tab

The **Privacy** preferences tab allows dates for birth and marriage to be made vague. All individuals that have a valid date for either a birth or marriage can have that date rounded to the nearest decade after the year to start entered. Additionally, middle names can be changed to just show initials. Finally, private records for individuals can be included or not. If not, the individual node will contain the words "Private Record" for all those individuals marked private in Gramps.

Trim

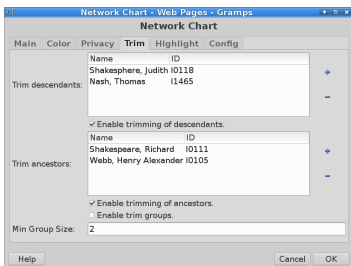


Trim tab Example 1

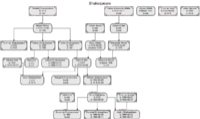


Trim Example 1

The **Trim** preferences tab allows "trimming" of the database to display less individuals in the Network Chart. The Trim Descendants option trims all descendants "below" the selected individuals. The Trim Ancestors option attempts to trim all ancestors "above" the selected individuals. Individuals by marriage will also be removed depending on their location in the network relative to the person trimmed. Both options allow entry of multiple people. The Trim Menu image shows the selection of individual I0118 to trim descendants and I0111 to trim ancestors. The result is shown on the right in the Trim Example 1. Note the nodes of the individuals selected on the trim tab are bordered with a red dashed trim.

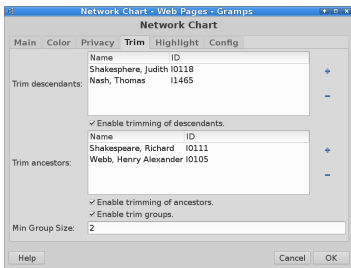


Trim tab Example 2



Trim Example 2

Trim Menu Example 2 shows the selection of additional individuals to trim. However, this example will generate "orphans" or individuals with no connections as a result of the trimming operation. This is shown in Trim Example 2. Note the three isolated individuals in the top right corner including one of the individuals selected in the trim menu.



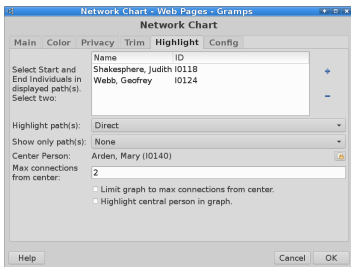
Trim tab Example 3



Trim Example 3

The Trim Groups option will trim smaller groups/trees or individuals that are disconnected. You must enter the minimum number of individuals in a group/tree to display. For databases with more than 1500 individuals this option is required and the minimum number is set to 2. This will force all disconnected single individuals to be removed from the graph. Selecting a number greater than the largest group/tree will return only the largest tree or those trees that are equal in size. For this example the Trim Groups has been selected with a size of 2. The result removes the isolated individuals from the graph as shown in the Trim Example 3 chart.

Highlight

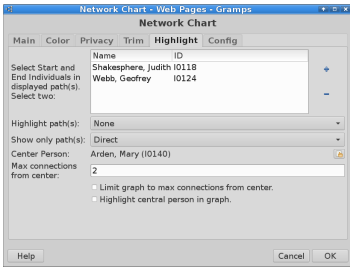


Highlight tab Example 1



Highlight Example 1

The **Highlight** preferences tab. The Highlight Menu highlights paths and individuals in the database. The Highlight Path option choices are "Direct" or "Any". The Direct option will attempt to find a direct path between the two individuals selected and highlight that path. The Any option will attempt to find any path between the two selected individuals and highlight that path. The example shows Highlight Path Direct between the two individuals with the result shown in Highlight Example 1.

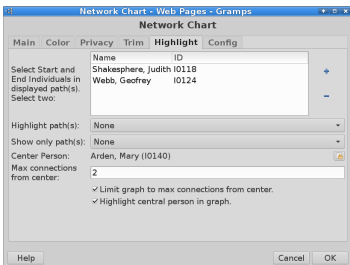


Highlight tab Example 2



Highlight
Example 2

The Show Path Only will display only the path found and remove all others from the chart. The choices are "Direct" or "Any". The Direct option will attempt to find a direct path between the two individuals selected and display only that path. The Any option will attempt to find any path between the two selected individuals and display only that path. The example shows the Show Only Path option with Direct selected. The result is shown in Highlight Example 2.



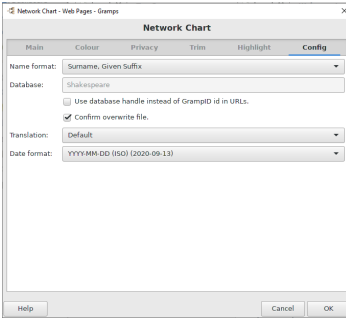
Highlight tab Example 3



Highlight
Example 3

The Center Person option allows one to select a center person for the chart and radius that will isolate the included nodes to just that selected person and anyone within the radius. The radius is the maximum allowable steps or edges between the center person and anyone else in the graph. All others outside of the maximum steps or edges will not be shown. Any connection via parent, child, or marriage counts as a step or edge.

Config



Config tab Example

The **Config** preferences tab allows modification of some basic functionality of the Network Chart addon.

The Name format can be changed.

The GrampsID in a database can change for an individual, however, the underlying database handle for an individual should never change. Thus the Use Database Handle option can be used for the Dynamic URL generation on the main menu to replace the GrampsID with the database handle. This is typically much longer than the GrampsID.

The confirm overwrite option allows one to stop the overwrite warnings and just overwrite the file.

The Translation option allows the selection of the Language.

Finally the date format allows you to change the format.

Prerequisites

Network Chart requires the python networkx module to assist in selecting what to display and Graphviz via the pygraphviz module to generate the chart.

Requires the following to be installed (type pip3 if system default is still python 2):

[networkx](#) version 1.x **Note that Network Graph Report Fails when used with with networkx v2.x See:11471)**

```
pip install networkx
```

or

```
pip3 install networkx
```

To get "libcgraph" for pygraphviz you first need to install the development package of graphviz eg:

```
apt install graphviz-dev
or
dnf install graphviz-devel
```

then run:

```
pip install pygraphviz
```

or

```
pip3 install pygraphviz
```

Troubleshooting^[2]

You can check if networkx and pygraphviz installed correctly by starting python (type python3 if system default is still python 2) and attempt to import both packages eg:

```
python3
import networkx
```

If no error occurs then networkx is fine

then try

```
import pygraphviz
```

If no error occurs then pygraphviz is fine

If you receive any error, [correct the issue](#) and test again.

Performance

Network Chart was intended for smaller databases or subsets and is extremely fast for charts with less than 1500 nodes. However, it can generate very large graphs in reasonable time and should be adequate for those large databases that do not change frequently. Some optimizations for large databases are done automatically. The Trim Groups selection is one. Another method to greatly decrease the time to generate a chart on a large database is to select Straight or Curved for the Graph Style on the [Main](#) preferences tab. Reducing the number of nodes to graph via [Trim](#) and [Highlight](#) tabs will reduce graph generation times. For example, if your database contains 65535 individuals and you trim or highlight to plot only 8191 individuals, it would take closer to 20 seconds to generate the chart (based on the following table). Some performance data is shown below for an Intel(R) Core(TM) i7-2600K CPU @ 3.40GHz with 16GB of RAM and an SSD for storage.

Network Chart Performance (times are HH:MM:SS)

Data File	# Individuals	Graph Style	Trim Groups	SVG File Size	Time to Generate
d03	124032	Curved	2	107.2MB	00:51:04
ENFAN16	65535	Curved	2	95.6MB	00:34:47
ENFAN15	32767	Curved	2	47.8MB	00:07:42
ENFAN14	16383	Curved	2	23.8MB	00:01:23
ENFAN13	8191	Curved	2	11.9MB	00:00:20
Royals ged	3010	Orthogonal	Not Used	4.4MB	00:00:07

Issues

- [11900](#) [MacOS installers] Add prerequisites NetworkChart [Wonfix] [MacOS use: MacPorts](#)
- [10197](#) Network Chart report Running report on second Family tree shows first family trees chosen Gramps id.
- [11471](#) Network Graph Report Fails with networkx v2.x
- Help button goes incorrectly to [\[3\]](#) instead of here.

See Also

- [Web Solutions for Gramps](#)

NoteCleanupTool

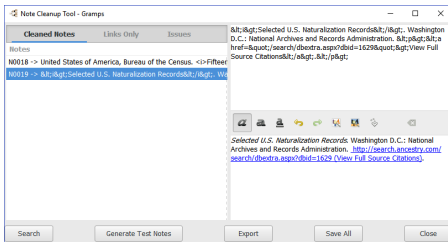
This is a **Third-party Addon**.



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Note Cleanup Tool - example window

What is it For?

The **Note Cleanup Tool** searches your database for notes that contain "HTML tags" and cleans it up. "HTML tags" have meaning to web browsers and other applications, but look like garbage to most people.

The cleanup consists of converting the "HTML tags" to what the Gramps folks call "Styled text" which displays nicely within Gramps and in the various reports that Gramps can generate.

The tool also searches for "links" to web sites and sets them to "Styled Text Links", so that they work properly in reports such as the Gramps *Narrative Web Site*.

Examples of notes that needs cleaning

```
<lt;/>Selected U.S. Naturalization Records</>.
Washington D.C.: National Archives and Records Administration.
</><a href="/search/dbextra.aspx?dbid=1629"></>
View Full Source Citations</a>. </></>
```

```
United States of America, Bureau of the Census. </>Fifteenth Census of the United States, 1930</>.
Washington, D.C.: National Archives and Records Administration, 1930. T626, 2,667 rolls.
```

The first note contains some text with *italics* as well as a link to a web site. The cleaned note is shown in the lower right pane of the image on the cleanup tool above. The second dirty note is much simpler, it only contains a bit of *italics* text; the tool will remove the `<i>` and `</i>` and convert the text in between to *italics*.

Where do the "dirty" notes come from?

The author of this plugin has a lot of data that was imported from <http://ancestry.com> via GEDCOM. It seems that the ancestry.com software doesn't always do a great job of converting their web pages to notes for GEDCOM export. The popular **Family Tree Maker** software, in conjunction with ancestry.com also seems to have a lot of these "dirty" notes in their GEDCOM exports. There are probably other ways that dirty notes get into our data, but this tool can help clean it up.

Usage

- Once this plugin has been installed
- Select Menu **Tools -> Utilities -> Note Cleanup...**



Warning

Proceeding with this tool may make unexpected changes to your data. While it is possible to **Undo** the changes made by this tool, it may be easier to recover from a backup.

- The dialog that pops up when you start the tool provides a warning and a short review of the tool usage. Clicking **Close** will dismiss the

dialog but does nothing else.

- At this point the tool window with three main panes and some buttons should be visible.
- If you want to perform a quick test to see what this tool does, you can press the `[Generate Test Notes]` button. *This is best performed on a test database, since it actually adds some test notes to the active database.*
- Otherwise you can perform a scan of your data by pressing the `[Search]` button. This does not make **any** changes to your data, only performs the search and fills the panes if any dirty notes are found.
 - The left pane will contain lists of the results of the search. If nothing appears here, then none of your data is dirty, or any dirty notes already have been edited and styled. There may be up to three lists in the left pane. A list will only be present if there are notes found in that category.
 - The **Cleaned Notes** list contains notes that have been edited in some way, and may have *styles* applied. This includes converting any web links to a *styled* link.
 - The **Links Only** list contains notes that have not been edited (no textual changes at all) but have had links converted to *styled*.
 - The **Issues** list contains notes that *may* have been edited in some way, but contain *HTML tags* that the tool does not recognize.
 - The top right pane will show the original unedited text of a note that is selected in the left pane. This cannot be changed.
 - The lower right pane will show the proposed changes to the note. If the user wants to make additional changes, they can be made directly in the pane. The editing toolbar directly above the lower left pane can be used to make or correct style changes as well. This toolbar is an abbreviated version of the normal Gramps Note editor toolbar and each icon works the same. Any changes made here are preserved within the tool, but will not affect your data until the `[Save All]` button is pressed (see next below).
- When you have reviewed all the changes made, either by the tool, or manually, you can save your work using the `[Save All]` button. Your data is **not** changed until you press this button, but when you do, all the changes are committed to your database.
- If you do not want any changes to be made to your data, or you are done with the tool, you can simply press the `[Close]` button.
- If you want a record of notes that have been found in the search, you can use the `[Export]` button to save a listing to a text file.

Some Notes

- If any **Issues** are found, the unrecognized "HTML tag" *will* be marked up with a **yellow highlight**. The user may want to manually edit each of these in some way. When done, the highlight can be removed by selecting the highlighted region and pressing the "Clear Markup" toolbar button (last button on the right).
- Pressing the `[Search]` button at any time will scan your data again, discarding any proposed automatic or manual changes and producing new lists.
- Double Clicking on a note in a left pane list will bring up the standard Gramps Note Editor. Any changes in that editor followed by pressing the `[OK]` button **will** update your database immediately. However, if you later press the `[Save All]` button in the still open Note Cleanup Tool, that data will be overwritten by the Note Cleanup Tool.

Issues

NoteGramplet

This is a [Third-party Addon](#).

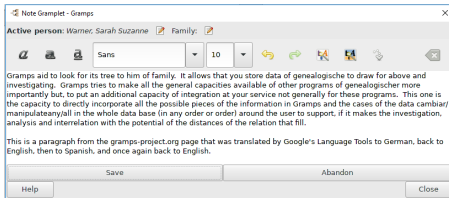


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Note Gramplet - example

The **Note Gramplet** is for data entry, similar to the [Data Entry Gramplet](#). This gramplet will edit the first note of type **Person Note** for the active person. Like the Data Entry Gramplet, once you begin editing a note, it won't leave the current person until you save or abort.

You must save your changes before closing Gramps, or your changes will be lost.

See also

- [Gramps 5.2 Wiki Manual - Gramplets#Notes](#) - Builtin Notes Gramplet showing the active persons notes.
- [Data Entry Gramplet](#) - which is a data entry gramplet, that allows an easy method of editing previously added people, and adding new and related people in your family tree.

NumberOfAncestorsQuickView

This is a [Third-party Addon](#).



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Quick View - Gramps

Number of Garner, Alecia "Allie" Clare's ancestors

Generation	Found	Theoretical	Percent
1	2	2	100.00
2	4	4	100.00
3	4	8	50.00
4	8	16	50.00
5	16	32	50.00
6	19	64	29.69
7	6	128	4.69
8	6	256	2.34
9	8	512	1.56
10	8	1024	0.78
11	8	2048	0.39
12	5	4096	0.12
13	5	8192	0.06
14	4	16384	0.02
15	4	32768	0.01

There were 107 of 65534 ancestors (0.16%) found. Only individual ancestors were counted. Duplicates caused by pedigree collapse were ignored.

Close

Number of Ancestors Quick View

The Quick View **Number of Ancestors** is similar to the text report [Number of Ancestors](#). For each generation of the person's ancestors it tells you the number of ancestors found, the theoretical ancestor number and how many percent of the theoretical ancestors were found. The Quick View only counts individual ancestors, therefore duplicates caused by pedigree collapse are ignored in the calculations.

Usage

You can activate the Quick View by right-clicking on a person's name in the [People Category View](#). Then select **Quick View > Number Of Ancestors**.

Tips

- Quick Views can also be used as Gramplets. ([more information](#))
- The Third-party Addon [Ancestor Fill Report](#) calculates pedigree collapse.

See also

- [Pedigree collapse](#) - Wikipedia

Number of Descendants Quickview

This is a [Third-party Addon](#).



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This Addon/Plugin system is controlled by the [Plugin Manager](#).

Generation	Total	Seen	Outlived	Now alive
children	8	8	0	0
grandchildren	14	0	0	14
great grandchildren	18	0	0	17
second great grandchildren	29	0	0	29
third great grandchildren	3	0	0	3
Total	72	8	0	63

Seen = number of descendants whose birth Garner von Zieliński, Lewis Anderson Sr has lived to see
 Outlived = number of descendants who died while Garner von Zieliński, Lewis Anderson Sr was still alive

Close

Number Of Descendants - Quick View - Sample Output

The Descendant Count Quick View shows:

- The number of descendants of the current active person, separately counted per generation: the number of children, the number of grandchildren, etc.
- How many of them were born while the current person was alive (i.e. how many of his/her descendants did the current person live to see?)
- How many of them died while the current person was alive (i.e. how many of his/her descendants did the current person survive?)
- How many of them are alive today?

Usage

You can activate the Number Of Descendants Quick View by the context menu (right-clicking) on a person's name in the **People Category** (Grouped View or List View), and selecting **Quick View > Number Of Descendants**

See also

- Other [Quick Views](#)

Issues

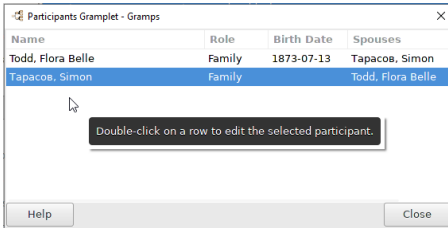
- Quickview on dashboard, no help page link

ParticipantsGramplet

This is a [Third-party Addon](#).



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Participants Gramplet - detached - example

The [Participants Gramplet](#) addon shows the participants in an event.

Usage

You can only add the Gramplet from the Event category as a gramplet option

Double-click on a row to edit the selected participant.

Issues

- Github code [Participants](#)
- help button goes to https://gramps-project.org/wiki/index.php?title=Gramps_5.1_Wiki_Manual_-_Gramplets#Participants

PedigreeChart

This is a [Third-party Addon](#).

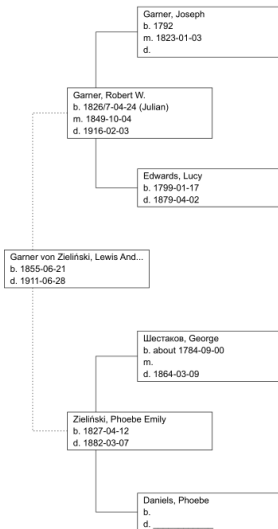


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Pedigree Chart for Garner von Zielirski, Lewis Anderson Sr



2018-02-26
Page 1

Pedigree Chart Report - Addon - example output

This version of the [Pedigree Chart](#) (or [Ancestor Tree](#)) was designed to fit a single sheet of paper and to be suitable for printing or distribution as a PDF. The chart is laid out in a fixed format on the page and works best in portrait mode. Up to four generations (counting the center person) are printed on each page with marks indicating the next page where the ancestry line continues.

Usage

This report is available under the menu [Reports > Graphical Reports > Pedigree Chart...](#)

Prerequisites

- Optional prerequisite of [numpy](#)

PersonEverything Report

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#)

Unless otherwise stated on this page, you can download this addon by following [these instructions](#):

Please note that some Addons have [prerequisites](#) that need to be installed before they can be used.

This Addon/Plugin system is controlled by the [Plugin Manager](#).

All information about Garner von Zielinski, Lewis Anderson Sr	
Garner von Zielinski, Lewis Anderson Sr (b. 1855-06-21 - Great Falls, MT, USA, d. 1911-06-28 - Twin Falls, Twin Falls, ID, USA)	
Person [0044] Gender: male ¹ 2, 3	
Primary name , type: Birth Name ⁴	
Date:	1875-04-01
Given name(s):	Title, Given, Suffix, Call Name, Nick Name, Family Nick Name: Dr., Lewis Anderson, Sr, Anderson, Big Louie, Beauregard
Surname Origin type:	Taken
Prefix, surname, connector:	, Garner, (This is the primary surname)
Surname Origin type:	Inherited
Prefix, surname, connector:	, von Zielinski,
Alternate name , type: Also Known As ⁵	
Given name(s):	Title, Given, Suffix, Call Name, Nick Name, Family Nick Name: , Louis, ...
Note [00001] Note type:	Name Note
Names can notes, too. This is a note for the alternate name of Louise Garner for Lewis Anderson Garner .	
Surname Origin type:	
Prefix, surname, connector:	, Garner, (This is the primary surname)
Alternate name , type: Other Name	
Given name(s):	Title, Given, Suffix, Call Name, Nick Name, Family Nick Name: , Loue, ...
Surname Origin type:	
Prefix, surname, connector:	, Garner, (This is the primary surname)
Address ⁶	
Date:	2000-01-02
Street, City, County, State, Postal Code, Country, Phone number:	1600 Pennsylvania Ave., Washington DC., District of Columbia., USA
Attribute, Nickname:	Big Louie
Attribute, Social Security Number:	123-456-7890 (Private) ⁷
Attribute, Description:	10 Regions, 10 bios
LDS Ordinance : Sealed to Parents ⁸	
Date:	1875
Temple and status: Adelaide, Australia, Uncleared	
LDS Ordinance family [P0018] Relationship: Marriage ⁹	
Father:	[00105] Garner, Robert W.
Mother:	[00107] Zielinski, Phoebe Emily
Place # [143] Place Title:	Aberdeen, SD, USA
Name:	Aberdeen type: City Code:
Parent Place	
Place [P0059] Place Title:	SD, USA
Name:	SD type: State Code:
Parent Place	
Place [P0067] Place Title:	USA
Name:	USA type: Country Code:
Media Reference ¹⁰	
Attribute, Age:	50 ¹¹
Media Object [00109] Mime type:	image/jpeg File ¹²
Attribute, Description:	This seems to be a photo of a relative ¹³
Description and Path:	654px-Aksal_Anderson, 654px-Aksal_Anderson.jpg

PersonEverything Report - Example HTML output

The PersonEverything Report is designed to show **absolutely everything** about one person, including all events, notes, citations, sources, attributes, media and the family information about the families in which they are involved. [\(E&OE\)](#)

Because of the complicated structure of the data in Gramps, the data is output in a very structured way, so it may not be in an elegant narrative format! It could be regarded as an end-user report that can be used for diagnostic purposes, or as a debug report that can also be used by an end-user!

Usage

This report is available under the menu **Reports > Text Reports > PersonEverything Report...**

Options

See also [common options](#)

Report Options

- Center Person: the center person for the report.
- Name Format: Select the format to display the names. Choose from **Default** / Surname, Given Suffix / Given Surname Suffix / Given / Main Surnames, Given Patronymic Suffix / SURNAME, Given (Common)

Relation to other reports

There are a number of reports that output information about individuals, for example:

- The [Summary Report](#) apparently produced a detailed summary on the active person. The report apparently included all the facts known to the

database about that person. This was available in Gramps 2.2, but is no longer available.

- The [Complete Individual Report](#) provides individual summaries similar to that of the Individual Summary Report.
- The [Descendant Report](#) presents the descendants of the Active Person with a brief description in intended style.
- The [Detailed Ancestral Report](#) covers in detail the ancestors of the Active Person, including a range of vital data as well as marriages.
- The [Detailed Descendant Report](#) covers in detail the descendants of the Active Person by generation, following the genealogical tradition of textual descendant reports by generation. It aims to provide all important features expected to be found in these classic descendency formats and has received influence from various sources.
- The [Ahnentafel Report](#) lists the Active Person and his or her ancestors along with their vital data. The people are numbered in an establish standard called 'Ahnentafel'.
- The [Family Group Report](#) creates a family group report, showing information on a set of parents and their children.
- The [Narrated Web Site report](#) generates a web site (that is, a set of linked web pages), for a set of selected individuals.

Because the structure of the data stored in Gramps is complex, there is a necessary trade-off between report style and completeness. All the above reports (with the possible exception of the obsolete and unavailable Individual Summary Report) are selective in the information they output from the database, in order to present it in a way that the report designer considers helpful to the user.

Report implementation design

The report is designed around a recursive `print_object` function. This uses `if` statements to determine whether the object to be printed is an instance or subclass of the class which the `if` statement handles. At the end of each `if` statement, the code just falls through to execute the next `if` statement. The `if` statements are in alphabetic order of the class, and this ensures that the different objects are output in alphabetical order.

The report output is started by functions to output persons, events and families.

As an example, consider the `Person` class. `print_person_summary` outputs page header information with the person's name and birth and death information (all of which are repeated later). `print_person_details` then outputs the name information so that this appears at the start of the output. This uses `print_object`, but we won't describe this further now. `print_person_details` then calls `print_object` for the person.

The person class is defined as:

```
class Person(CitationBase, NoteBase, AttributeBase, MediaBase,
             AddressBase, UriBase, LdsOrdBase, TagBase, PrimaryObject):
```

The alphabetically first class of which `Person` is a subclass is `AddressBase`, so this is the first `if` statement to be true. This recurses, calling `print_object` for each address. On return, the code falls through to the next `if` statement. The next `if` statement to be true is for subclasses of `AttributeBase`. This loops through each attribute in the attribute list, outputting a header containing the attribute type, value and privacy, before recursively calling `print_object` for the attribute. This outputs any citations and notes for the object before returning and falling through to the next `if` statement that is true, for the alphabetically next object of which `Person` is a sub-type.

The code is not as simple as just having each `if` statement output the data for that class, because the use of intermediate 'ref' classes would result in the main information about each class being separated from the header for that class.

A new `Bibliography` class is needed in order to output all the information for Citations and Sources. The number in the text and the notes at the end of the document follow the Humanities style of the Chicago manual of style (see [1], but without the bibliography). Specifically the style of numbering and footnotes is based on [2]. This format has the properties that:

- the superscript numbers for the citations in the body of the document are all in strict numerical order in the document.
- when a source is used more than once in the footnotes,
 - **ibid.** is used when the footnote refers to the same source as the immediately preceding footnote,
 - **op. cit.** is used to refer a previously cited source, but using a different page number,
 - **loc. cit.** is used to refer a previously cited source using exactly the same page number.

The style of the notes themselves is based on a structured presentation of the data that is stored for Citations and Sources, rather than one of the specific document types in the Chicago Manual of Style. There is no separate bibliography (i.e. no separate summary of all the documents that are references).

Known issues

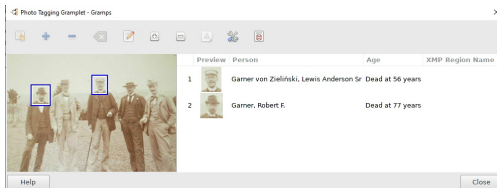
- The Gramps report document infrastructure may not always generate images in some of the document formats. This is not a problem with the addon, but rather a problem with the infrastructure. The HTML output format seems to be the most reliable in outputting images.
- Images are not displayed.

Photo Tagging Gramplet

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



The Gramplet window consists of the toolbar, the selection area (center-left) and the list of tagged people (center-right).

The **Photo Tagging Gramplet** facilitates tagging people in photographs, i.e. associating regions of images with Gramps persons.

Features

- Image preview with scrolling and zooming
- List of persons tagged in the current photograph
- Adding and modifying regions and associations
- Supports showing XMP Region Name if there are no regions already defined in Gramps for an image.
- Optionally detect faces in photo automatically.*

Usage

Select the **Media** Category View and from the Sidebar add the **Photo Tagging Gramplet**.

The Gramplet window consists of:

- the [toolbar](#)
- the [selection area](#)
- the [list of tagged people](#) in the image

Selection area

The selection area displays the image and highlights the regions that have been associated with person in the Gramps database.

The mouse wheel can be used to zoom in and out of the image. Alternatively, you can use the corresponding toolbar buttons.

Left click inside of one of the regions makes this region active. Right-click causes the context menu to be displayed.

To tag a person, select a region of the image by pressing the left mouse button in one of its corners and dragging the pointer across the desired area. A rectangular frame will mark the selected region. Use the toolbar to select an existing person or add a new person to be associated with the region.

Drag'n'Drop as an alternative to the Person Selection dialog



The most obvious option for selecting a Person for a tag is the Person Selection Dialog. But you can use [Drag'n'Drop](#) as an alternative and more efficient method.

Drag a Person from the Clipboard to drop on the selected row in the Gramplet to complete a Tag. Or, detach ([undock](#)) the Photo Tagging Gramplet and use the Relationship View to tag multiple members from a Family group. Or use filtering in the People View to select from a subset of the family tree.

It is important to select the target row *before* beginning any drag.

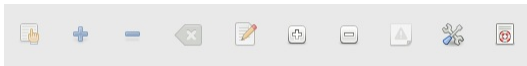
To modify a region, first make it active by clicking inside the region. Move the mouse pointer to one of the borders or corners of the selection box. A grabbing handle will appear that you can drag to modify the shape of the box.

To change the person associated with the region, use the toolbar buttons or the context menu.

To associate a region with a different person, click within the region and use the toolbar buttons to select or add a person. In this case, the previous association is discarded.

Toolbar

The toolbar contains ten buttons that are made active in accordance with the current state of selection.



Use the toolbar to modify the associations of the current image.



Displays the Gramps 'Select Person' dialog. Once selection is made, the person is tagged in the current box.



Creates a new person and displays the Gramps 'Person' dialog.



Removes the tag from the current box.



Removes the current box together with the tag.



Displays the Gramps 'Person' dialog for the person tagged in the current box.



Zooms the image in.



Zooms the image out.



Runs the face detection algorithm. (Only if the [optional prerequisites](#) have been installed)



Displays the Gramplet [settings](#) dialog.



Goes to this help page.

List of tagged people

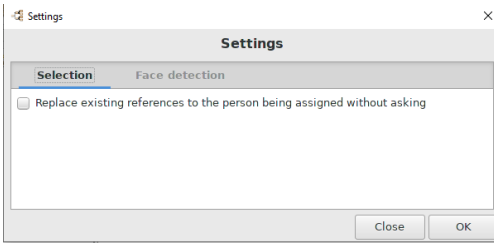
The list contains the people tagged in the current image, as well as the selection boxes that have not yet been associated with a particular person. A thumbnail image of the corresponding region of the image is displayed in every row.

By default, the view displays the **Row Number** (not labeled), **Preview**, **Person**, **Age**, and **XMP Region Name [1]** columns for each tagged image.

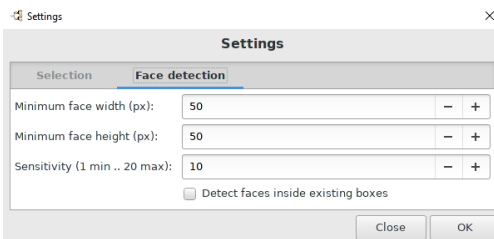
Left-clicking on a row in the list selects the corresponding region in the image. The context menu allows you to **Set as active**, **Select**, **Add**, **Clear** or **Remove** the image.

Double-click on a row with a person opens the Gramps 'Person' dialog for this person. This is equivalent to pressing the 'Edit' button in the Gramplet toolbar.

Settings



- **Selection** tab
 - Replace existing references to the person being assigned without asking** (checkbox unchecked by default)



- **Face detection** tab
 - **Minimum face width (px) :** (50 default) Size in pixels
 - **Minimum face height (px) :** (50 default) Size in pixels
 - **Sensitivity (1 min .. 20 max) :** (50 default) Size in pixels
 - Detect faces inside existing boxes** (checkbox unchecked by default)

Installation Prerequisites

If the OpenCV is not found, the automatic face detection feature will be unavailable, but the Gramplet should otherwise function correctly.

Automatic detection of faces requires the following to be installed:

- [OpenCV](#), its dependencies and Python bindings. This library should be available in common Linux distributions. For example, Debian package python-opencv provides the Python bindings for the library. It will require the core library packages (libopencv-*) and the
- [python-numpy](#) package.

Issues

- [10913](#) Face detection does NOT work in the[Microsoft Windows] AIO bundle(s). As near as I can tell, the required cv2 (OpenCV) and numpy prerequisites would approximately triple the size of the AIO download and installation. So they are not included.

Feature request

Some of the ideas to be implemented in future versions of the Gramplet:

- Detection of faces across multiple images ???
- Integrate with Picasa [5674#c31715](#) ([Moving on from Picasa - Google has decided to retire Picasa in order to focus on a single photo service in Google Photos](#))

Initial announcement:

- [Face-Detection-Gramplet](#) - 2011
 - The Face-Detection-Gramplet [\[2\]](#) was redeveloped into this Gramplet.

See also

- [Media Report](#) text report addon (a labeled tag region report)

PlaceCleanupGramplet

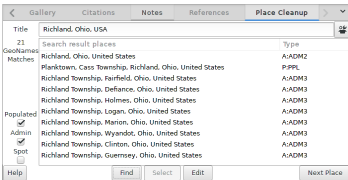
This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Released for Gramps 5.x + versions



Place Cleanup Gramplet

The **Place Cleanup Gramplet** addon uses the Webservice feature from the [GeoNames.org geographical database](#) to lookup as many as 2,000 placenames per day. (See [GeoCodes](#).) Selected parts of the validated information can then be pushed into Gramps to correct and improve incomplete [Place](#) records.

Purpose of this Gramplet

This was written to assist in cleaning up **already existing** places. You *can* use it while adding a new place, but the place must be created with the normal Gramps **Add -> Place** and select the new place in the top window prior to using the Gramplet.

When starting with GEDCOM imported trees, the Places that are created are often incomplete or simply don't take full advantage of Gramps features. The place names and/or titles are often left with strings of comma separated names.

Even when transcribing events from census or other sources, Place data might have been ambiguous about which administrative area enclosed a locality and were, in turn, enclosed. Sometimes, Places may have been entered with the proper enclosure hierarchy... but without the Latitude/Longitude coordinates needed to plot Events on the maps of the Gramps Geography view.

Rather than interfere the flow of data or research workflow to validate each Place, it can be more efficient to come back to handle these deficiencies collectively.

Cleaning up these shortfalls previously required a lot of manual work to clean up.

The Gramplet assists in merging new places with already present places; when you do a search, if the Place you are looking for is located elsewhere in your Gramps database, and is completed, then you can merge your current place with the completed place.

The Gramplet makes use of the GeoNames database via the web to get information to fill out the Places.

Warning: Automated records updates are risky!



As always, back up your current tree BEFORE using any tool that automates data entry or editing. While it is usually possible to Undo changes individually within a session, you may decide that you need to restart from an earlier state. See [make a Gramps XML backup](#)

Usage

Installing the Place Cleanup Gramplet

The Gramplet can be installed like any other Addon; see [Installing Addons in Gramps](#)

Once installed, make the Gramplet visible in the **Places** category View and on either the **Place Tree** or **Places** view (which ever you usually use), and load the Gramplet in the bottom bar by clicking the **V** (*Down Arrowhead* button also known as the **Gramplet Bar Menu**) at the far top right of the bottombar titles, and then using the **Add a gramplet** menu item.

GeoNames account prerequisite

Add free WebServices at the Login screen

The first time you attempt a search, you will be reminded to obtain and set a GeoNames user ID, which is required for use of their data. You can sign up for the ID at the following link: <http://www.geonames.org/login>.

The account signup requires responding to a confirmation eMail.

Just having a basic GeoNames account isn't quite enough. The Gramplet needs to access to the Web Services. Return to the login screen once you've validated your account, then enable the Free Web Services by clicking the link in the section of their login screen. It is shown in the screen capture to the right.

Once you've logged into the GeoNames website, requests from Gramps on the same machine will be part of the same session. If the session log-in expires or you exceed the number of requests allowed in a day, the Gramplet will report failing to find matches for placenames being searched. If a suspiciously high number of failures occurs, try logging in again.

Once you have an ID, you should set it into the Gramplet via the Preferences button, see below.

Preferences



Place Cleanup Gramplet - Preferences

The Gramplet Preferences is accessed via the Preferences button (located in the top right of the main view of the Gramplet, next to the Title field). The button should appear in the far upper right of the Gramplet.

The preferences dialog has the following settings:

- **Keep Web Links** checkbox. The GeoNames database contains various URL links to other web data, associated with each place. For example, many places have a Wikipedia link. If you check this setting, the Gramplet will save these web links with the place data. They will appear in the 'Internet' tab of the Place Edit dialog.
- **Add citation and source to Place** checkbox. If you check this setting, a Citation will be added to each place, citing the 'GeoNames' Source and Repository, with the Citation having a 'Volume/Page:' value with the GeoNames ID number. There will be a Citation for each Place, but only a single Source and Repository.
- **GeoNames User ID** field. This contains the necessary GeoNames user ID. You can sign up for the ID at the following link: <http://www.geonames.org/login>.
- **Alternative Names Languages to keep** field. This contains a space separated list of the [ISO-639-1](#) 2-letter language code: en de fr it es, et cetera. As you work with the Gramplet, you will see a list of alternate names available for most places, with the language code for the names. If you want these names automatically checked off for inclusion in your Gramps place, add the code to this field.
- **Currently Enclosed Places**. When you use the button after selecting a GeoNames place, the Gramplet may have to deal with a place enclosure. If you are modifying a current place, and your place is already 'Enclosed by' another place the Gramplet has two choices on how to handle changes to the enclosure.
 - **Keep current Enclosure** radio button selector. If you select this setting, and your place is already 'Enclosed by' another place, then no changes to the 'Enclosed by' place value will be made, even if your current enclosing place differs from that provided by the GeoNames data.

approval.

- o **Replace with GeoNames Enclosure** [radio button selector](#). If you select this setting, and your place is already 'Enclosed by' another place, then the current enclosure is replaced by the enclosing place from the GeoNames data. If it did not exist before this, it will then be created, and selected for approval.

While this ensures that the enclosure matches GeoNames, it is possible that the previous enclosing place will no longer be used, and will remain in your database.

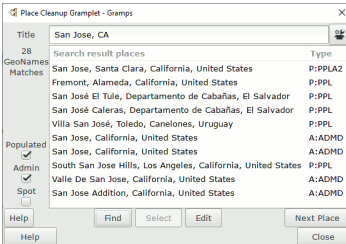
Main view

Use extra caution when changing the Title field



The place data found and pushed to update the Place view will depend on the contents of this field. If you change it in inappropriate ways, you could end up with mismatched place data.

For example, if the originally active record in the Place view is "Berlín, Usulután", and you manually type in a Place title of "Berlin, Germany" to search, when you find *and accept* the Berlin place, your originally selected Place view record for the municipality in El Salvador will be changed to Europe!



Place Cleanup - finding a particular place title

The Main view has several buttons, a 'Title' field, a small 'xx Matches' status, and a 'Choices' or match results list.

- **Title** field. This field shows the Place that is currently under investigation. It provides the search terms that are used for finding a place. It changes automatically to the place title when the Gramps Place view has an active selection. The field can also be modified by the user, just set the cursor in it and edit as normal. This is generally only needed when trying to find a place in GeoNames that might have unexpected abbreviations, or historical hierarchy or other issues which can make finding a match in the GeoNames database difficult. (As an example, your Gramps place hierarchy has "west berliner, west germany". There are no matches and you wonder if GeoNames only has post-unification names. Then you notice that there is a typographical error with a trailing 'er'. So you change it to successfully search for "west berlin, west germany" instead of that elusive donut.)
- **Matches** status. This small status block is located on the left side of the Gramplet, just below the 'Title' label. It indicates the number of matching places found when searching the local Places list or the GeoNames database. The status also indicates where the matches were found, either 'Local', or 'GeoNames'.
- **Search result places** list. This area lists the found matches. The user should select the correct match for the place under investigation, and either press the [Select](#) or double-click, press 'Enter' or 'Space' to move to the result/edit screen.

There are two columns in this list, the names, and the 'Types' columns. The names are comma separated places in the hierarchy, as found in the local database, or in GeoNames. The 'Type' column in the Places view shows the Gramps Type, when showing places from the local database, and shows [GeoNames Feature Codes](#) that includes a Feature class letter followed by a colon, then a type) when showing results from the GeoNames search.

Avoiding rework




If you search GeoNames for a place in that is already in your database, the search results may return some entries annotated with a red strikethrough. This indicates that those places are already enclosed by the current place and cannot be selected.

The Type column is provide for informational use only, to help the user determine a bit more about the found place. The GeoNames Feature Codes are not always obvious; the type [type format](#) starts with a 'class'; one of 'A' (Administrative place), 'P' (Populated place), or 'S' (Spot). (Of the 9 GeoNames classes, searching H, L, R, T, U, V is not supported.) You can restrict the returned search matches to desired categories with the matching Checkboxes (see below). The remaining part of the type field for GeoNames can be decoded from <http://www.geonames.org/export/codes.html>, if desired.

- **Populated** checkbox. If you check this setting, 'Populated Places' (typically cities, towns, villages etc.) will be returned for a GeoNames search. This setting does not affect a local database search. This is initially enabled, as it allows the search to return what most people expect for a city type search.
- **Admin** checkbox. If you check this setting, '[Administrative Divisions](#)' (countries, states, regions etc.) will be returned for a GeoNames search. This setting does not affect a local database search. This is initially enabled, as it allows the search to return what most people expect for a county, state, country type search.
- **Spot** checkbox. If you check this setting, 'Spots' (typically farms, buildings, graveyards, churches etc.) will be returned for a GeoNames search. This setting does not affect a local database search. This is initially disabled, as most place searches don't go to this level of detail.

- **Help** button. This brings up this web page.
- **Find** button. This performs a search for the placename indicated in the **Title** field. The search is performed in two stages:
 - Initially, the local Gramps place list is examined for a match. The local match is only searched among 'Complete' places, those with Latitude/Longitude coordinates and Place Type data filled in. Only the initial segment of the place is used for searching. For example, if you search for 'Paris, FR', and your local Gramps Place Tree data has both 'Paris, Lamar, Texas, United States' and 'Paris, Paris, Île-de-France, France', both will be shown. Alternative names in the local Gramps places are also searched.
 - The second stage is the GeoNames search. It is performed automatically if the first stage doesn't find any matches. If the first stage did find one or more matches, but none of them were correct, the user can press the **Find** button again to do the GeoNames search. Note that the Web Service of the GeoNames search can return only ten results at a time. If the place you want is not in the first subset of results, press the **Find** button again to see the next ten.

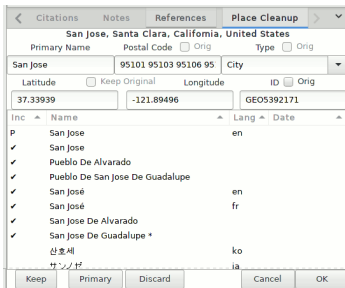
Find shops locally before resorting to the net



The 'Find' button changes to 'Find GeoNames' after a local database search where something was found. This is a reminder that you can search that online database if the local search did not return what you wanted.

- **Select** button. After the user selects one of the matches in the 'Choices' list, this causes the result/edit screen to be shown.
- **Edit** button. If no suitable places are found, the user can use this to advance directly to the result/edit screen. This can occur if the place you are searching for is too detailed, for example 'My Estate, Paris, TX' or '123 Mains St., Paris, TX'. Since such detailed information is not going to be found in the GeoNames search, you have to edit it manually.
- **Next Place** button. This causes the Gramplet to advance to the next incomplete Place in the Gramps Places list. Incomplete places are missing any of the Latitude/Longitude or Place Type data. If a place is found that is not used by any Event or encloses another place, you will get a dialog popup message suggesting that the place be deleted.

Result/Edit view



Inc	Name	Lang	Date
P	San Jose	en	
✓	San Jose		
✓	Pueblo De Alvarado		
✓	Pueblo De San Jose De Guadalupe		
✓	San Jose	en	
✓	San José	fr	
✓	San Jose De Alvarado		
✓	San Jose De Guadalupe *		
	산호세	ko	
	サンジョ	ja	


Place Cleanup Result View

This view presents the found place data for review and potential editing.

At the top of this view is the full title of the Current place, in **bold** text.

- **Primary Name** field. This field is displayed based on the name chosen as primary from the list of available names. It is not editable.
- **Postal Code** field. This field displays the postal code(s). It can be edited. There is a small **Orig** checkbox just above this field, if checked, the Original postal code from the place is used instead of the found postal code. Note that this checkbox is disabled if there is no original postal code.
- **Type** field. This field displays the place type. It can be edited. There is a small **Orig** checkbox just above this field, if checked, the Original place type from the place is used instead of the found place type. Note that this checkbox is disabled if there is an 'Unknown' original place type.

NOTE



The GeoNames database does NOT provide Gramps Place Type data. This Gramplet uses the available data to make a 'best guess' at the correct Place Type. You should always check and make sure that the value is correct, and fix it if necessary.

- **Latitude and Longitude** fields. These fields displays the Latitude and Longitude. They can be edited. There is a small **Orig** checkbox just above these fields, if checked, the Original Latitude and Longitude from the place is used instead of the found Latitude and Longitude. Note that this checkbox is disabled if there is no original Latitude and Longitude.
- **ID** field. This field displays the Gramps ID. It cannot be edited. There is a small **Orig** checkbox just above this field, if checked, the Original ID from the place is used instead of the found ID. Note that this checkbox is disabled if there is no original ID.
- **The Names list.** This list contains the names associated with the found place. Each name has an associated Language and Date. There is also an 'Inc' column which displays the include status of the name in that row. If there is a 'P' in the 'Inc' column, that name is used as the Primary name. If the column has a checkmark '✓' the name will be included in the final Place alternative names list. If you double-click, press 'Enter' or 'Space' on a selected row, that will toggle the include status.
- **Keep** button. If one or more of the places in the names list is selected, pressing this button will cause the associated names to be marked for inclusion in the final Place alternative names list.
- **Primary** button. If one or more of the places in the names list is selected, pressing this button will cause the topmost associated name to be

marked as the Primary name.

- button. If one or more of the places in the names list is selected, pressing this button will cause the associated names to be unmarked so they will not be included in the final Place alternative names list.
- button. Pressing this button returns the view to the main search view. No changes are saved.
- button. Pressing this modifies the selected place with the new values. In addition, the next level of the place hierarchy will be set into the place. If that next level is already present in the local Gramps place list, and has a matching GeoNames ID, the modifications are completed. If not, the next level in the place hierarchy is shown in the results view.

FAQ

- GeoNames data is primarily intended for present day usage. It contains little historical information. I have heard that it is pretty complete for United States, Canada, and less so for Europe, although it seems to have all the European cities I have tested so far. If you find an error or omission in the GeoNames data, you may want to tell GeoNames about it <http://www.geonames.org/manual.html>.
- GeoNames finds multiple places: Example, 'Santa Rosa, CA'. GeoNames finds both 'Santa Rosa, Sonoma, California, United States' and 'City of Santa Rosa, Sonoma, California, United States'. The way the GeoNames database is structured, they have a 'Populated Place', which generally has lots of Alternate names and postal codes, and an 'Administrative subdivision' for the same place. The 'City of' version is the Administrative subdivision, which generally doesn't have postal codes and alternate names. I personally prefer the first version, which should appear first in the 'Choices' list.
- Timeouts: When using the GeoNames web database with a free account, you will sometimes get a timeout. The Timeout is set to 20 seconds for each request, unfortunately some actions take several requests, so the user may see unresponsive Gramps for up to 40 seconds. You can always try the request again by pressing the last used button. According to the GeoNames web site, if you pay for an account, you may get better performance, as the paid accounts use more lightly loaded servers.
- Not Found: While the GeoNames database contains some historical names, it mostly tries to be up to date with the current times. Many places in a typical family tree are described as of the time the event occurred. So it is entirely possible that the described place no longer exists. It may now belong to a different country, or other administrative subdivision. Or it may have been subsumed within another larger place. Initially you should try removing the intermediate place data, leaving only the initial segment and the country. You may get a lot of matches, but that may give you a better clue as to the current situation. Or you may have to do some research outside the Gramplet to figure out what it might be called now.
- Place Types: Since GeoNames does not have place 'type' data, the same way that Gramps does, this addon uses an algorithm to attempt to pick an appropriate place type. If a country is known to have a rigid administrative place type structure, such as the United States with its City/County/State/Country, then the various parts of the place hierarchy are typed accordingly.

If the structure is not always known or used, then the algorithm attempts to assign place types by looking at the place name. For example if the place name includes a word that matches a place type, such as "Harris County" or "Smith Township", then the place type is set accordingly. To do this, all the various place alternate names are scanned, in case the primary name does not include a suitable word. If you know that a particular country has a rigid (or even mostly rigid) hierarchical structure, and this addon seems to be getting it wrong a lot, please let the author know at paulr2787@gmail.com. I can modify the code to make it work better if I understand the correct country structure.

- IDs: When GeoNames is the source of place data, the normal place ID ('P0001') is replaced by a GeoNames specific ID ('GEO12345'). The number portion of this ID is the GeoNames identifier for the place. By using this type of ID, the addon can easily identify when enclosing places are already present in your database, which means that the user doesn't have to do a local search for and selection of each level of enclosing place.
- GetGov, how does this interoperate with the data from GetGov? At this time it does not integrate with that data. If you already have places loaded from the [GetGov](#) addon, then the ID field will have a GovID. If you want to do a lookup with GeoNames for that place, you should probably set the Place Cleanup preferences for the enclosure to keep the current values. In addition, you should probably use the 'Orig' checkbox for the ID to keep the original Gov ID.

Issues

This tool is fairly complex. Please report any issues or desired enhancements to paulr2787@gmail.com.

I have included a French translation of the tool, mostly as a test of the internationalization code. Since I don't speak French (USA Texas version of English only), please excuse my French.

PlaceCoordinatesGramplet

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Internet Access required

The **Place Coordinates** Gramplet reads geolocations from the internet.

Addon Place Coordinates Gramplet - detached

The **Place Coordinates** Gramplet simplifies setting the coordinates of a place and also provides an additional geography view.

Usage

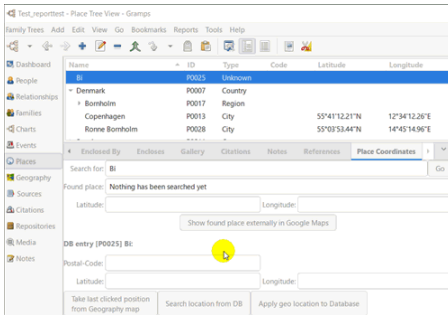
Add the Gramplet to the bottom bar of the Places Category.

Options

Searching geolocations of places from the DB

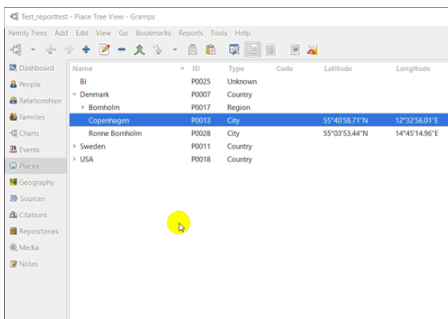
Place Coordinate Gramplet

Searching place names from geolocations from the DB



Place Coordinate Gramplet

Additional geography view with a context menu



Place Coordinate Gramplet

It also provides a geography view **Place Coordinate Gramplet View** with a context menu that enables:

1. Adding cities as new places
2. Adding addresses as new places
3. Linking existing places with geolocations

Prerequisites

Requires GeocodeGlib be installed.

[GeocodeGlib/geocode-glib](http://geocodeglib.org/) is a convenience library for the geocoding (finding longitude, and latitude from an address) and reverse geocoding (finding an address from coordinates). It uses [Nominatim](http://nominatim.org/) service (from openstreetmap.org) to achieve that. It also caches (reverse-)geocoding requests for faster results and to avoid unnecessary server load.

Issues

- On linux an older version of libgeocode-glib0 (3.18.2) causes segmentation faults when pressing the search button.
 - Please update to a newer version of that library. For example:

```
wget http://archive.ubuntu.com/ubuntu/pool/main/g/geocode-glib/libgeocode-glib0\_3.25.4.1-4ubuntu0.18.04.1\_amd64.deb
apt-get install ./libgeocode-glib0_3.25.4.1-4ubuntu0.18.04.1_amd64.deb
```

- Help button goes to https://gramps-project.org/wiki/index.php?title=Gramps_5.1_Wiki_Manual_-_Gramplets#Place_Coordinates instead of this page

PlaceUpdate Gramplet

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

PlaceUpdate Gramplet - Data entry - detached view

The **PlaceUpdate** Gramplet allows you to manipulate and change properties of multiple places at the same time.

The properties that can be changed are:

- Place Type
- Tag
- Enclosing Place

Place names can be edited by substituting sub-strings with new values.

The gramplet can also generate a place hierarchy from place names or titles.

Usage

The gramplet should be installed on the sidebar gramplet pane of the Places Category view.

The Place list is then used to select which places are affected.

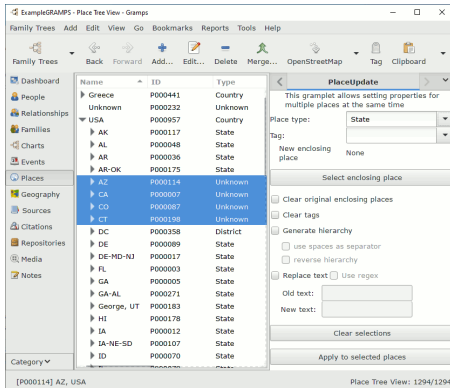
Setting enclosing place

For the enclosing place first select the place that should enclose the other places and click the **Select enclosing place** button. The **Select Place** selector will be displayed and you can select your place. Then select any number of places that should be enclosed by the first one and click the **Apply to selected places** button.

A place might already have an enclosing place. In that case the new place will be added and the place will end up being enclosed by multiple places. This is quite ok but you can also remove the previous enclosing places by checking the box **Clear original enclosing places**. This can e.g. be used to "move" the places under another place.

Attempts to set a duplicate enclosing place or a loop (so that a place contains itself) are quietly bypassed.

Setting place type or tag



You can also set the type of the selected places or assign any tag if needed. The operations can be combined so that e.g. the place type and enclosing place can be set at the same time. Type and tag can be selected from pre-existing ones or you can type a new name if needed.

Any existing tags can also be first removed if the **Clear tags** checkbox is marked. Otherwise the new tag is added to the set of the tags for the places.

If the enclosing place, type or tag is not specified, then the corresponding setting is not changed.

Generating a place hierarchy

If a place name contains comma separated names then the gramplet can change this to a place hierarchy. For example if the name is of the form "place1, place2, place3" then two new places, place2 and place3 (with type "Unknown") are created, the name of the original place is changed to place1 and the places are put in the hierarchy "place1 < place2 < place3".

Duplicate place names at the same level are automatically merged. The original names can also be separated by spaces instead of commas - but then you must be careful that the names do not contain spaces.

The hierarchy can also be generated in reverse, e.g. the result can also be "place3 < place2 < place1" if the corresponding checkbox is marked.

The place type and tag setting affects only the original place.

If the original place is under another place or a new enclosing place is specified then the new hierarchy is placed under the enclosing place.

Editing place names

The **Replace text** function allows substituting a specified text string in the place names with another. Regular expressions can also be used.

Example

Select "United States" as the new enclosing places and select the three states. Set the **Place type**: to "State":

Setting enclosing place

Click **Apply to selected places**. The result is:

Setting enclosing place

Notes

The **Clear selections** button will clear the form.

All changes are done under a transaction and they can be undone from the Gramps menu **Edit > Undo Setting place properties**.

This gramplet does not have direct support for filters. The "Filter" gramplet can be used to search for the places that need changes.

This gramplet can only be added on the Places view and it requires Gramps 5.x.

Author: [\[email protected\]](#) (19 Jan 2020)

Issues

- Help button goes to https://gramps-project.org/wiki/index.php?title=Gramps_5.1_Wiki_Manual_-_Gramplets#PlaceUpdate

Place completion tool

This is a **Third-party Addon**.



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



This tool is of limited use for Gramps 5.x series.

Please read the [Issues](#) section. You should consider using the [Place Cleanup Gramplet](#) instead.

The **PlaceCompletion** tool addon can import places into your Gramps database in accordance with the Gramps requirements: batch add country, county; look-up latitude-longitude; set description (title); ...

This tool helps you fill in the place attributes like county, country, ..., by allowing you to select the places you work on, and do changes on all these places with one button click.

The general aims are:

- Place/Location is a newer concept in Gramps. Many older databases only have a Place title field which is a descriptive text containing city, state, country. This should be parsed to insert the values in the correct attribute fields.
- Latitude and longitude are important to show data on a map. However, doing a look-up of this data on the internet is slow and time consuming. The tool allows to search in the free resources on the net.
- Setting of an attribute of a set of places in one go.
- Conversion of latitude and longitude to a fixed data format. On import one might obtain latitude and longitude in several different formats. A conversion tool to store them all in the same format is useful.
- Construction of a uniform title/description field, from the data in the place object.

Follow the installation details in the [Download](#) section for your version of Gramp.

Usage Instructions

The place completion tool provides a lot of functionality. These usage instruction should help you to understand how it works.

Download resources



This article's content is incomplete or a placeholder stub. Please update or expand this section.

The place completion tool can look up for you latitude/longitude, add county information (USA), ... For some of this functionality, you must download data files of the countries you are interested in. Right now you have three options:

1. Download geonames country files. You can do this [here freely](#). Geonames parses fastest, so is the advised format to use.
2. Download geonames USA state files. You can do this [here freely](#). This is advised for USA searches, as the data in the USA country file contains many doubles, which can be avoided by searching state per state. State info also contains county information.
3. Download GNS Geonet country files (not available for usa). You can do this [here freely with ftp](#).

Watch out, some of these downloads are **VERY** large, especially USA data. Only download what you need! If the download is a compressed zip file, you will need to extract the data file before you can use it.

Note:



The Geonames data of popular places is in English, so e.g. municipalities in Italy will be found, but Roma not, as this is Rome in English. To find data with these you need to search in the localised variants of the name (see below)

Warning:



DO NOT USE ON YOUR RESEARCH DATA. EXPORT DATA FIRST TO HAVE A BACKUP.
Before use [backup](#) your Family Trees.

Starting the tool

You will find the plugin under **Tools > Utilities > PlaceCompletion...**

The dialog explained

The Dialog consists of 4 parts:

Part 1. Selection of places

First you need to choose with which places you want to work. You can use several methods to define your places:

1. Use a place filter. You can use two preset filters: *All places*, which returns all places, and *No Latitude/Longitude given*, which returns all places of which the latitude or the longitude is not set. You can also create a custom place filter in the place view, test it with the filter sidebar, and then use it in this tool. All custom filters you made will be available
2. To prevent the need to make a filter for every city, ... in your data, you can set country, state, county, city or parish of the places you want to search on. This works just like in the filter sidebar in the places view.
3. Use a latitude, longitude rectangle. Eg, suppose you have the latitude and longitude of all places in the UK, and now want to add in the state attribute *Wales*, for all places in Wales. You can look on a map, note down the centre of Wales in latitude and longitude, as well as roughly the width and height of this rectangle. This will allow you to obtain all places in Wales (and some in England), allowing to much faster set the state information.

Part 2. Completion of places

1. The first possibility is to look up in a datafile the latitude and longitude of your places. For this you must have downloaded the necessary resources, see section above. You can select with a file dialog the file you want to search, and set how this data must be parsed. The following parsing options are available:
 1. *GeoNames country file, city search*: use the city attribute to look for lat/lon in a GeoNames country file. This is the fastest search.
 2. *GeoNames country file, city localized variants search*: use the city attribute to look for lat/lon in a GeoNames country file using the localised (non-English) known names in the GeoNames file. Eg, Roma will be found with this option (as Roma is the Italian local variant of the English name Rome)
 3. *GeoNames country file, title begin, general search*: Use the start of the title field to search in a GeoNames file. With start it is meant everything before a comma, . This allows to find landmarks, squares, ... Eg, if the title of your place is: *Piazza Navona, Rome*, using this search will find you the latitude and longitude of this famous square in Rome.
 4. *GeoNames USA state file, city search*: Looking for places in the USA file is almost worthless: it takes a long time and every name exists several times. Hence, it is worthwhile to use state by state. If a USA state file is selected for doing a search, you **must** select this option.

The city attribute is used for the search.

5. *GNS Geonet country file, city search*: use the city attribute to search in a GNS file (slower than GeoNames search!).
 6. *GNS Geonet country file, title begin search*: use the start of the title of a place to search in a GNS file. With start everything appearing before the first comma is meant.
2. A second option is to parse some existing data in your places.
1. You can parse the title attribute to extract information from it. Eg a title like *Albany, NY* can be used to set the city attribute to *Albany* and the state attribute to *NY*.
 2. You can set the title of all the selected places to a uniform way. This is interesting if due to imports you have different styles for the title field, which can be annoying in reports. At the moment there are two options:
 1. Set title field to *City[, State]*: This means the title of your places will contain the city, and if the state field is present, the state will be appended with a comma.
 2. Set title field to *Tilestart[, City][, State]*: This means the present start of your title will be kept. If this start is not the city, then the city will be appended. If state is present, also state will be appended. An example: suppose your title is *Piazza Navona, Italy*, the city is *Rome* and the State is *Lazio*. Using this option to set the title would change the title attribute into *Piazza Navona, Rome, Lazio*.
 3. Convert latitude and longitude to a uniform way. Again due to import, copy/paste, you might have latitude and longitude entered in different formats. This is annoying on reports. This options allows you to set for all selected places the lat/lon to one form. The options are:
 1. All in degree notation: use the classical degree notation with degree, minutes and seconds.
 2. All in decimal notation: use the decimal system to denote lat/lon.
 3. Correct -50° in 50°S: a much seen error is to use - for the classical degree notation, which is wrong, and which Gramps will not be able to interpret. With this option this error is looked for and corrected.

Part 3. Overview of the results

After having entered all data in Part 1 and 2, you click find for Gramps to search all changes that will occur. This part of the dialog shows all changes that will occur.

▼ Piazza Navona, Rome (City: Rome, State: Lazio, Country: Italy)

lat/lon :41.9/12.4833333 -> 41.8989550648461/12.473087310791

▼ Rome (City: Rome, Country: Italy)

lat/lon : -> 41.9/12.4833333

state : -> Lazio


▼ Rome (City: Rome, Country: Italy)

lat/lon : -> 41.9/12.4833333

state : -> Lazio

All selected places are shown. If changes will be done all changes are listed as subentries of the place. Every change will be a subentry.

If the change will **overwrite** an existing entry, the subentry is **shown in orange**.

 **Warning**

TO AVOID PROBLEMS, GO OVER ALL CHANGES QUICKLY, AND CHECK ALL ENTRIES IN ORANGE!

The following actions are possible in the result screen:

1. press delete to delete the entry, making sure that this change will not occur. You can delete the entry to delete all changes, or select one subentry, to only delete that specific change
2. double-click on an entry to open the place dialog. If you double-click on the entry, **all changes will be preentered**. If you double-click on a subentry, only this specific change will be preentered in the place dialog.
3. press tab to open in a browser window google maps. Pressing tab on a subentry showing a **new** lat/lon entry will open google maps on this new lat/lon position. Pressing tab on the top place entry will give open google maps with the old lat/lon position, or if that is not known the title/city field is used for the search.

Part 4. Actions

After you have checked the changes in **Part 3**, you can apply them by clicking the button.

Selecting will bring you to this page, clicking will close the *Place completion tool* window and clicking when an entry is selected in the results field has the same effect as pressing tab on an entry (see above).

Example

Open the example file from the examples where latitude and longitude are empty: [example.gramps](#).

We will now show how the places in this file can be completed. The best thing to do is to create a new Family Tree, give it a name, and import the [example.gramps](#) file. This file has 852 places, which would mean a lot of manual edits if you do not use this tool!

Now, open the place view. You will see all places are of the form:

Aberdeen, WA

This value is the `Place Name` attribute (the title or description of the place).

Step 1: City and State data

Our first step will be to split this field into a `City` value (here Aberdeen), and a `State` value (here WA).

We open the *Place completion tool*:

Place Completion by parsing, file lookup and batch setting of place attributes - Gramps

Selection of the Places you want to complete:

Place filter: **All Places** Country: State: City: Parish: County: Places in a rectangle: Center latitude: Center longitude: width: Height: 1. Look up latitude and longitude: Search in: (None) Parse as: 2. Conversion of existing title or position: Convert lat/lon as: Change title into: **City[, State]** Or define a simple title format: Available variables: city, street, locality, parish, county, state, country, postal_code Find

Aberdeen, SD (City: Aberdeen, State: SD, Country: USA)
Aberdeen, WA (City: Aberdeen, State: WA, Country: USA)
▼ Acadia, LA, USA (State: LA, Country: USA)
title :Acadia, LA, USA >, LA
Ada, OK (City: Ada, State: OK, Country: USA)
▼ Adams, IL-MO, USA (State: IL-MO, Country: USA)
title :Adams, IL-MO, USA >, IL-MO
▼ Adams, IN, USA (State: IN, Country: USA)
title :Adams, IN, USA >, IN
Adjuntas, PR (City: Adjuntas, State: PR, Country: USA)

Delete to delete a row, Double-click on the row to edit place with changes pre-entered.
Press Tab on a row or Google Maps button to see place on a map. Press Apply to do all changes automatically

Help Close Google Maps Apply

Here we have selected **All Places**, and we **Change the title into as `City [, State]`**. Click on **Find**, quickly scan the data if all looks ok, and then click on **Apply**. You are notified that 443 place records were modified. This is one less that the number of places. Indeed, one place does have a different type of title: *Puerto Rico* has no state information.

Step 2: Look-up latitude and longitude

We have downloaded the GeoNames datafiles for the USA states, and will now use that to complete the latitude and longitude of the data. At the same time, this will fill up the county field.

Place Completion by parsing, file lookup and batch setting of place attributes - GRAMPS

Selection of the Places you want to complete:

Place filter: All Places Country: State: AK City: Parish: County: Places in a rectangle: Cgnter latitude: Center longitude: Width: Height: 1. Look up latitude and longitude: Search in: AK_DECL.txt Parse as: GeoNames USA state file, city search 2. Parsing and Conversion of existing title or position: Parse title: Change title into: No changes Convert latlon as: No latlon conversion 3. Set attributes of all selected places: Country: State: County: City: Parish: ZIP/Postal Code: Find

▼ Anchorage, AK (City: Anchorage, State: AK)
lat/lon :> 61.2180556/-149.9002778
county :> Anchorage
▼ Fairbanks, AK (City: Fairbanks, State: AK)
lat/lon :> 64.8377778/-147.7163889
county :> Fairbanks North Star
▼ Juneau, AK (City: Juneau, State: AK)
lat/lon :> 58.3019444/-134.4197222
county :> Juneau
▼ Ketchikan, AK (City: Ketchikan, State: AK)
lat/lon :> 55.3422222/-131.6461111
county :> Ketchikan Gateway

Delete to delete a row, Double-click on the row to edit place with changes pre-entered.
Press Tab on a row or Google Maps button to see place on a map. Press Apply to do all changes automatically

Close Google Maps Apply Help

In the screenshot, you see we have selected All Places with State=AK. In the second part of the window we give that we want to search in the AK_DECL.txt file downloaded from GeoNames, using the parsing method: *GeoNames USA state file, city search*.

Note that if you want to change AK into Alaska, this would be possible. Just set state=Alaska in the set attributes section of the window.

Place completion tool

Do this now for all the states. Always check for doubles. Eg, for state *AL*, going over the changes, we encounter:

county : -> Morgan
▼ Dothan, AL (City: Dothan, State: AL)
lat/lon : -> 31.2232313/-85.3904889
county : -> Houston
▼ Enterprise, AL (City: Enterprise, State: AL)
lat/lon : -> 31.3151708/-85.8552161
county : -> Coffee
lat/lon :31.3151708/-85.8552161 -> 32.7348509/-86.6180364
county :Coffee -> Chilton
▼ Florence, AL (City: Florence, State: AL)
lat/lon : -> 34.79981/-87.677251
county : -> Lauderdale
▼ Gadsden, AL (City: Gadsden, State: AL)
lat/lon : -> 34.014264/-86.0066386

We see that the first time 'Enterprise' is found, it is in county *Coffee* in lat/lon:31.31/-85.85. The second hit is for county *Chilton* with lat/lon:32.73/-86.62.


You can now use the Google Maps button (or press TAB key) while the lat/lon subentry is selected to see where this city is in both cases. From this it will be clear for example that one is a hamlet, not really a city, while the first is a real city. So now, select the second lat/lon entry, and delete it by pressing the DEL key. Do the same for the second county entry.

In case google maps did not allow you to determine which is the correct city, you can double click on the city to open the Place Dialog (**Warning: this will preenter the data of the Place Completion tool. So hit cancel here if you want to exit without these changes done**). In this dialog the references tab allows you to navigate to all events coupled to this place. This will give you extra information you might use to decide which of the two found places is the correct place.

Step 3: Problem entries

While updating all places in step 2, you will have noticed some errors in the state information: Some places have a dubious state: eg OH-AL

You can obtain these states by choosing *All Places* in setting the state search box to -. Clicking Find will give you all these problem places. You can use google maps or the place dialog to sort them out. You can also use the USA country GeoNames file to search these places in the entire USA.



Note:

You will need sufficient memory for this, or you will obtain a MemoryError (see [below](#))!

Step 4: Lat/Lon not found

After the above, still some 45 places have no latitude/longitude found. You can now select these places by setting the Place filter to 'No Latitude/Longitude', which will find you all places with no coordinates.

It will be clear that many of those can be quickly corrected: abbreviations, eg the city field contains *St.George*, which should be *Saint George*; double names, eg Waterloo-Cedar Falls, IA means Waterloo near Cedar Falls, changing the city to Waterloo and redoing the search using Google Maps will allow to quickly find which coordinates for Waterloo are needed.

Advanced usage

This is for advanced users who know how to use [regular expressions](#).

The parsing fields have entry fields allowing you to give your own parsing. Parsing uses regular expressions. You can use this to parse your title, and to parse a lat/lon file in your own way. For reference, here an overview of the parsing codes used for the predefined parses:

Parse title details

In 'Parsing and Conversion of existing title or position', 'Parse title' and 'Change title into' provide some pre-defined options for extracting location values from a Place Title. Otherwise regex parsing is needed.

Write your regex in 'Parse title'. Click on 'Find', which shows the proposed changes. Then click 'Apply'.

Example 1

For France, some [practical rules](#) could be useful for seizing place. It needs :

- the city name + [INSEE code](#) (at option). This code is unique and can identify with certainty a common (with the county, district, township and municipality). It can identify with a common insurance even if it has changed its name. This code is used in Archives. *Using postal code is not advisable ...*

- a subdivision: identifies a parish or a place called within a municipality
- the state (at option) *or county but is already on [INSEE code](#)*
- the country (at option). Ideally it should still take the country. It is understandable that this is tedious. *Maybe do not enter the country if the genealogy is mostly of one country and seize enter the country for events outside the country's main. Everyone will appreciate.*

e.g. Avignon,84000,Vaucluse,Provence-Cote-d'Azur,FRANCE,

where some fields may be missing:

e.g. Woerth,,Alsace,FRANCE,

the regex:

```
\s*(?P<city>[^,]+)[,]\s*(?P<zip>\d*)[,](?P<county>[^,]*)[,](?P<state>[^,]*)[,](?P<country>[^,]*)[,]*$
```

treating the comma character as an end-of-string delimiter, will distribute Avignon to City, 84000 to ZIP, Vaucluse to County, Provence-Cote-d'Azur to State and France to Country

and in the case of missing fields, as long as the first is not empty, will distribute Woerth to City, Alsace to State and FRANCE to Country.

It allows initial whitespace and an optional comma after the Country

Example 2

In many 16th and 17th century English IGI records the situation is more complicated.

The Place Title takes the form of 3 strings (Town, County, Country) or 4 strings (Parish, District, County, Country) for example:

- Chester le Street, Durham, England - 3-string
- Of Middleton-in-Teesdale, Durham, England - 3-string
- Bishoply, Stanhope, Durham, England - 4-string
- Of St. Margaret's, Stanhope, Durham, England - 4-string

For the 3-string record the following regex, treating the comma character as an end-of-string delimiter, will distribute the 3 strings correctly to City, County, Country locations, leaving 4-string records untouched.

Regex A:

```
\s*(Of[,]\s*)*(?P<city>[^,]+)?[,]\s*(?P<county>[^,]+)?[,]\s*((?P<country>[^,]+)?){1,1}$
```

For 4-string records the following regex will distribute the 4 strings correctly to Parish, City, County, Country locations, leaving 3-string records untouched.

Regex B:

```
\s*(Of[,]\s*)*(?P<parish>[^,]+)?[,]\s*(?P<city>[^,]+)?[,]\s*(?P<county>[^,]+)?[,]\s*((?P<country>[^,]+)?){1,1}$
```

"Bogus" 4-string records: a not uncommon error in these old records is for 'Of' to be followed by a comma, e.g.

- Of, Houghton-le-Spring, Durham, England

Regex A will parse 3-string records correctly and Regex B 4-string records. However Regex B will attempt to treat a 3-string record with 'Of,' as if it were a 4-string record. This would give the 3-string record a non-existent Parish called "Of" !

To avoid this, when using Regex B click on 'Find' to display the records proposed for change and delete all the 3-string 'Of,' records before clicking 'Apply'.



take care when pasting a Regex (for example, after testing in a regex editor) into the Parse title details field. Pasting adds redundant spaces before or after the Regex that will prevent it working properly in the Place Completion Tool

The predefined regex expressions are as follows, where for brevity we use some variables defined lower.



Regex Help

For those new to Python and Regex please review the HOWTO here:
<http://docs.python.org/dev/howto/regex.html>

1. "City [,] State" is parsed by: `r'\s*(?P<'+city_translated +r'>.?)\s*[,]\s*(?P<'+state_translated +r'>.?)\s*$'`

limited memory. You can try to close as many programs running at together with Gramps, and try the tool again.

See also

- [Addon:GetGOV](#) - download place information from the [GOV gazetteer](#).
- [Addon:GeoName](#) - downloads place information from the [GeoNames gazetteer](#).
- [GeoCodes](#)

Design specification

- See [Place completion tool specification](#)

Place/Location is a newer concept in Gramps. Many older databases only have a Place title field which is a descriptive text containing city, state, country. To distribute these values into the correct attribute fields, see Parse Title Details below

Download

- If you use Gramps 5.0 , then use the [automatic installation](#).
- If you use Gramps 4.2 , then use the [automatic installation](#).
- If you use Gramps 4.1 , then use the [automatic installation](#).
- If you use Gramps 3.4 , then use the [automatic installation](#).
- If you use Gramps 3.3 , then use the [automatic installation](#).
- If you use Gramps 3.2 , then use the [automatic installation](#).

Manual install

For the following older versions of Gramps you will need to do a Manual install of the files.

Extract the three files that are in the download. Put the .glade and .py files in the plugins directory. For linux:

- local install: place in `~/gramps/plugins`

If you still use Gramps 3.1.x, then you will need version 1.2 of the Place Completion Tool. You can find it at [placecompletion_1_2.tar.gz](#).

If you still use Gramps 3.0.x, then you will need version 1.1 of the Place Completion Tool. You find it at [placecompletion_1_1.tar.gz](#).

If you still use Gramps 2.2.5+, then you will need version 1.0 of the Place Completion Tool. You find it at [placecompletion_1_0.tar.gz](#).

Issues

- None of the Actions in the tool work for Apple Mac [10004](#) in 4.2 release. This is fixed in 5.x release.
- For Gramps 5.x series please see notes [here](#)
 - The most concerning is that this tool is quite outdated in our current place structure (for Gramps 5.x). While it works, the title change capability is of little utility for those users who use the automatic place title function. The new place hierarchy largely eliminates the need for this tool. Information is no longer duplicated, so we no longer get inconsistencies which need fixing. Also changes to all titles lower in the hierarchy can now be made by changing the name of a single place.
 - The whole tool is useless unless the user has already manually enclosed his places.(for Gramps 5.x)
 - The user can still use it for Lat/Long creation and update.(for Gramps 5.x)
- Maybe replace GoogleMaps button (eg, <http://open.mapquestapi.com/nominatim/>)

Plugin Manager

This is a **Third-party Addon**.

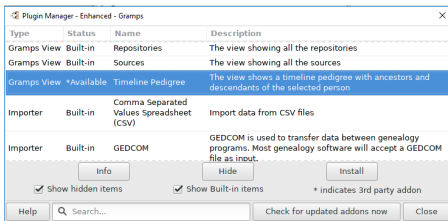


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



Warning this Replaces the standard built-in [original Plugin Manager](#)

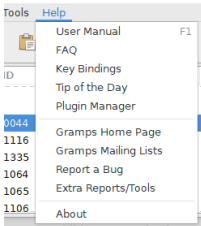
If you want to return to the original plugin manager, use **Plugin Manager Enhanced** to uninstall itself, listed as "Plugin Manager Enhanced".



Plugin Manager Enhanced - showing example Addons listing

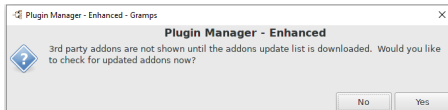
The **Plugin Manager Enhanced** addon provides a single unified dialog that combines the Registered and Loaded plugins with all the available 3rd party plugins replacing the [original plugin manager](#)

Usage



Replaces the built-in "Help > Plugin Manager"

Accessed by using the standard menu [Help->Plugin Manager](#).



Request to retrieve the current 3rd party addons list to initialise the addon

The first time you use the addon, it will request permission to connect to the internet and retrieve the current 3rd party addons list select the [Yes](#) button to confirm.

Features

- Single unified dialog combining Registered and Loaded plugins with all the available 3rd party plugin addons.
- Status column indicates status of Addon, Available, Installed, Built-in, Update Available, and hidden (via strike-through). A Failed addon also

displays 'Failed' status in red.

- All of Available, Installed, and Built-in plugins can be hidden from the dialog list, and if installed, hidden from the normal user interface.
- A "Show hidden items" checkbox allows the user to see addons that have been hidden.
- A "Show built-in items" checkbox allows the user to see built-in addons if desired.
- 'Available' and 'Update Available' addons can be installed from Addons pane, the "Install" button becomes active when this is possible.
- Installed addons can be un-installed from Addons pane; the "Uninstall" appears when this is possible.
- `[Info]` button provides information on all addon types; includes 'Loaded' and failure type and stack traceback, when applicable.
- In 'debug' mode, the `[Reload]`, `[Load]`, and `[Edit]` buttons appear; load and edit are greyed out when addon is not installed.
- After updates of View mode plugins or Gramplets, or uninstalls, the user is reminded to restart Gramps.
- The `[Check for updated addons now]` button will refresh the list of addons from the Gramps repository on the internet, so that updates and new addons will be listed. The usual Edit/Preferences settings for updates will also refresh the list.
- A Search box is available which will filter the dialog to only those addons which have a row or filename which include all the search terms.

Technical details

The `Plugin Manager Enhanced` addon uses the the plugin system to replace the [original plugin manager](#). It installs itself as a "Plugin lib" early in the Gramps startup sequence. It patches itself into the Gramps Help Menu and into the Addons update routine so that any addon update, via its own button, or the `Edit->Preferences` General tab [Third party addons management](#) sections `[Check for updates]` button, or automatic [Check for addon updates:](#) as configured in the same section.

PostgreSQL

This is a [Third-party Addon](#).



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For Experts only!



Gramps is not designed to be used by multiple users at the same time. While using a PostgreSQL server remotely allows multiple users to connect to a db, doing so simultaneously WILL cause database corruption and loss of data. If you chose to set up for multiple user access, please backup frequently, and set up a system of your own to make sure that only one person is using Gramps at one time. Gramps or the family tree MUST be closed before allowing another user to access the database.

Be sure to [backup](#) your Family Trees frequently.

The **PostgreSQL** addon provides PostgreSQL database support for Gramps 5.x or greater.

PostgreSQL is a powerful open source relational database frequently used to create, read, update and delete Python web application data. Psycopg2 is a PostgreSQL database driver that serves as a Python client for access to the PostgreSQL server.

This following explains how to install and use PostgreSQL on Ubuntu.

Prerequisites



Note these instruction assume you are using Linux or development environment.

As the **Gramps AIO & MacOS installers** do not come with the Prerequisites and can not be installed easily. see [10491](#)

Install the following packages:

```
sudo apt-get install postgresql libpq-dev postgresql-client postgresql-client-common
```

Then install [Psycopy](#) (the PostgreSQL adapter for the Python programming language. Which fully implements the Python DB API 2.0 specifications.) on Ubuntu either using:

```
sudo apt-get install python3-psycopg2
```

or if that does not work install from you can install from [pip](#) using:

```
sudo apt install libpq-dev python3-dev python3-pip
```

and then

```
pip3 install psycopg2
```

Setting up a user and db

We now have PostgreSQL installed and the PostgreSQL service is running in the background. However, we need to create a user and a database instance to really start using it. Use the sudo command to switch to the new "postgres" account.

```
sudo -i -u postgres
```

Within the "postgres" account, create a user from the command line with the createuser command. PostgreSQL will prompt you with several questions. Answer "n" to superuser and "y" to the other questions.

```
createuser yourname -P --interactive
```

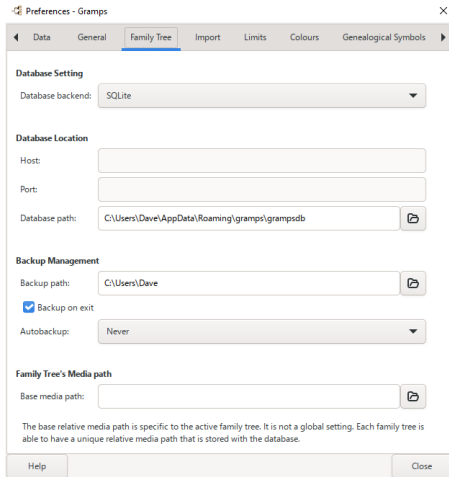
Creating a database for Gramps to use

Create a new database for your family tree. You can name it "Family Tree 1" or whatever you want.

```
createdb "Family Tree 1"
```


Now we can interact with Gramps.

Using PostgreSQL on Gramps

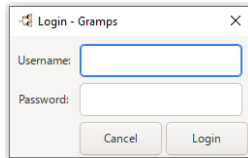


Menu: **Edit>Preferences...** - "Family Tree" - tab - example - defaults

Make sure that you have installed your PostgreSQL Addon.

In Gramps select **Edit > Preferences** from the menu and then select the **Family Tree** tab, select the **PostgreSQL** entry for **Database backend**:. That should allow you to enter the **Host** and **Port** settings. If you have the PostgreSQL server installed on the same machine as Gramps, you use localhost or 127.0.0.1 as your host name. If you are using a remote server, use that server's ip address or name. The default "port" for PostgreSQL is 5432, use that or the port configured for your PostgreSQL server.

Use the Gramps Family Tree Manager to create a new tree, it must have the same name as the one you created on the server.



PostgreSQL addon - login - dialog - example

When you try to load a family tree, you will be shown the **Login** dialog where you can enter the user name and password, these are the same values used in the `createuser` command above.

At this point, you should be able to use Gramps normally.

Remote Server: Configure PostgreSQL to allow remote connection

By default PostgreSQL is configured to be bound to "localhost". We have to make a few changes on the remote server to allow remote access.

```
$ netstat -nlt
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      0 0.0.0.0:443             0.0.0.0:*               LISTEN
tcp        0      0 127.0.0.1:11211        0.0.0.0:*               LISTEN
tcp        0      0 0.0.0.0:80             0.0.0.0:*               LISTEN
tcp        0      0 0.0.0.0:22             0.0.0.0:*               LISTEN
tcp        0      0 127.0.0.1:5432         0.0.0.0:*               LISTEN
tcp        0      0 127.0.0.1:3737        0.0.0.0:*               LISTEN
tcp6       0      0 :::22                  :::*                     LISTEN
```

As we can see above port 5432 is bound to 127.0.0.1. It means any attempt to connect to the postgresql server from outside the machine will be refused. We can try hitting the port 5432 by using telnet.

In order to fix this issue we need to find postgresql.conf. On my Ubuntu it was located at /etc/postgresql/9.5/main/postgresql.conf

Open postgresql.conf file and replace line listen_addresses = 'localhost' with listen_addresses = '**'

Configuring pg_hba.conf

The system also is configured to limit remote logons for specific user(s). In order to fix it, open pg_hba.conf and add following entry at the very end. On my Ubuntu it was located at /etc/postgresql/9.5/main/pg_hba.conf host all all 0.0.0.0/0 md5 host all all ::/0 md5 Now restart postgresql server.

```
sudo /etc/init.d/postgresql start
```

and use netstat to see if we are set up for remote access.

```
netstat -nltn
```

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	127.0.0.1:11211	0.0.0.0:*	LISTEN
tcp	0	0	0.0.0.0:80	0.0.0.0:*	LISTEN
tcp	0	0	0.0.0.0:22	0.0.0.0:*	LISTEN
tcp	0	0	0.0.0.0:5432	0.0.0.0:*	LISTEN
tcp	0	0	127.0.0.1:25	0.0.0.0:*	LISTEN
tcp	0	0	127.0.0.1:2812	0.0.0.0:*	LISTEN
tcp6	0	0	:::1:11211	:::*	LISTEN
tcp6	0	0	:::22	:::*	LISTEN
tcp6	0	0	:::5432	:::*	LISTEN
tcp6	0	0	:::1:25	:::*	LISTEN

Here we can see that "Local Address" for port 5432 has changed to 0.0.0.0.

On a remote machine it should be possible to set up Gramps with the IP address or hostname of the PostgreSQL server and the port number (default value is 5432).

Debugging

You may find the /var/log/postgresql/postgresql-9.5-main.log file to be useful.

See also

- [DB-API Database Backend](#)
- [MongoDB](#)

Issues

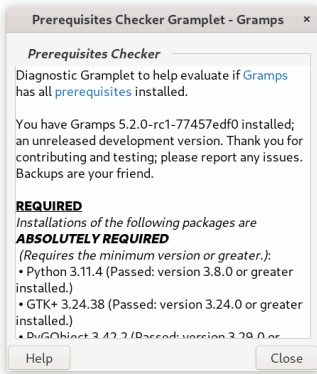
See issues attached to the [PostgreSQL](#) tag.

Prerequisites Checker Gramplet

This is a [Third-party Addon](#).



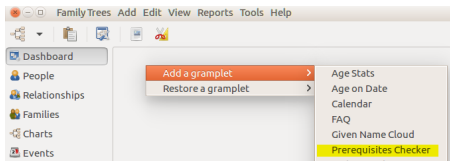
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The **Prerequisites Checker** Gramplet is a Dashboard diagnostic tool to help work out if instances of Gramps have the required [prerequisites](#) installed as well as the latest version of core software.

Also helps in OS's like Windows (Microsoft) and macOS (Apple) where it is less common for users to start programs via the [command line](#) interface. The gramplet is a GUI alternative to getting information on Gramps via the `gramps -v` [version option](#) from the Command Line!

Usage



- Load your Family Tree and then select an empty area on the Dashboard and from the **Add a gramplet** menu select **Prerequisites Checker** Gramplet.

You may use the context menu (right click) and `Select All` to copy the text to be added to a bug report if requested by a developer.

Once you have finished with the Prerequisites Checker Gramplet, remove it from the Dashboard. Otherwise, it slows down Gramps by refreshing every time you change views!

Prerequisites

None. This gramplet tests for the presence of them.

Issues

See and raise issues using the [PrerequisitesCheckerGramplet](#) tag.

Development details

Created 2018 for Gramps 5.0.x

- [PR109 Add new PreRequisites Checker Gramplet](#)

See also

Expanded descriptions of listed prerequisites are available in the Gramps README.md on GitHub:

- [requirements](#)
- [strong recommendations](#)
- [optional prerequisites](#)

Wiki articles describing Gramps logging of diagnostics, Warnings and errors:

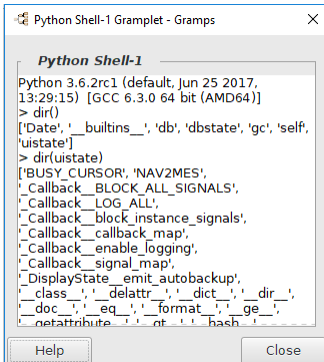
- "gramps -v" [version option of the Command Line](#)
- Error and Warning reference : [Status bar warnings](#)
- [Debugging Gramps](#)
- [Logging System](#)
- GEPS request #38: [Enhanced Transaction Log](#)

Python Shell Gramplet

This is a [Third-party Addon](#).



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Python Shell Gramplet - Interactive shell example output

The **Python Shell** Gramplet brings up an interactive Python Shell for interpreting python expressions.

Options

You can type most any (single line) Python expression.

In addition, the environment has been populated with some useful variables, including

- **self** - (this Python gramplet)
- **Date** - a date object constructor, that can be used for date arithmetic.
- **db** - Interact with the Database
- **dbstate** - Information about the Database
- **gc** - the Python "garbage collector" preloaded with the same flags as the Debug Tool.
- **uistate** - Interact with the GUI

When the **Python Shell** Gramplet is detached you can select the **Help** button to see this page.

Usage

Output of `print()` commands issued in the Python Shell will be directed to the Gramps console window, so be sure to keep that window open.

Use the [database API](#) to retrieve objects and use object library to find the information you require. If you want to write GUI code, then knowledge of Gtk3 is also required.

Examples

Dates

The **Date** entry is a date object constructor, and can be used for date arithmetic. For example, you might be interested in questions like:

What was the date 56 years before a given date:

```
> Date(2007, 12, 31) - 56
1951-12-31
```

How old was someone on Sept 3, 1955 who was born on June 7, 1922:

```
> Date(1955, 9, 3) - Date(1922, 5, 7) 33 years, 3 months
```

When did they turn 21 years old?

```
> Date(1922, 5, 7) + 21
1943-05-07
```

You can also add years, months, and days:

```
> Date(1980) + (0, 0, 25)
1980-01-26
```

You can convert one date into another calendar, which returns a new date object:

```
> Date(1703, 6, 1).to_calendar("hebrew")
5463-10-17 (Hebrew)
```

Displayers

Use utility code to make things easier. For example, you will probably want to use the name, date and place displayers rather than formatting the data yourself. To print the name of the default person, use the following code:

```
> from gramps.gen.display.name import displayer as nd
> person = self.dbstate.db.get_default_person()
> print(nd.display(person))
```

To find the type of a variable use:

```
> type(person)
```

Developers

Another use for this Gramplet is for debugging. This gramplet makes a nice interface to the running Gramps system. You can inspect, and alter the system by entering Python commands. As a simple example, you can:

```
> self.clear_text() # clear the text in this window
> self.set_wrap(False) # turn word wrap off
> self.set_wrap(True) # turn word wrap on
```

The Python Gramplet also has the Python "garbage collector" preloaded with the same flags as the Debug Tool. To use:

```
> gc.collect()
23
> gc.garbage[0]
<cell at 0x9f9089c: function object at 0x9f89dbc>
> gc.get_referents(self)
[...]
> gc.get_referrers(self)
[...]
```



This article's content is incomplete or a placeholder stub. Please update or expand this section.

You can use the Python Shell to interact with people from your database and test Gramps functions:

Gramps 3.x	<pre>> person = db.get_person_from_gramps_id("I01284") > from Utils import probably_alive > probably_alive(person, db, Date(1776, 7, 4))</pre>
Gramps 4.x	<pre>> person = db.get_person_from_gramps_id("I01284") > from gen.utils.alive import probably_alive > probably_alive(person, db, Date(1776, 7, 4))</pre>
Gramps 5.x	<pre>> person = db.get_person_from_gramps_id("I01284") > from gramps.gen.utils.alive import probably_alive > probably_alive(person, db, Date(1776, 7, 4))</pre>

You can also interact with the GUI:

This following returns the Gtk Frame of the first Gramplet in the first column.

Gramps 3.x	<pre> > uistate.viewmanager.pages [<DataViews.GrampletView.GrampletView instance at 0xa0bd0ac>, <DataViews.PersonView.PersonView instance at 0xa8f542c>, <DataViews.RelationView.RelationshipView instance at 0xa8f562c>, <DataViews.FamilyList.FamilyListView instance at 0xa8f5f8c>, <DataViews.PedigreeView.PedigreeView instance at 0xa8fc5cc>, <DataViews.EventView.EventView instance at 0xa8fc88c>, <DataViews.SourceView.SourceView instance at 0xa8fcdcc>, <DataViews.PlaceView.PlaceView instance at 0xa9070ec>, <DataViews.MediaView.MediaView instance at 0xa9074ac>, <DataViews.RepositoryView.RepositoryView instance at 0xa9077ac>, <DataViews.NoteView.NoteView instance at 0xa907d8c>, <DataViews.GeoView.GeoView instance at 0xa90d0cc>] > uistate.viewmanager.pages[0] <DataViews.GrampletView.GrampletView instance at 0xa0bd0ac> > uistate.viewmanager.pages[0].columns[0].get_children()[0].get_children()[0] </pre>
Gramps 4.x	
Gramps 5.x	<pre> > uistate.viewmanager.pages[:] [<dashboardview.DashboardView object at 0x000000008c9f4e0>, <persontreeview.PersonTreeView object at 0x00000000000>] </pre>

This following returns a reference to a loaded Gramplet object on the Event view - useful when developing Gramplets. Note that the Events view must be navigated first, as main views are lazy loading in Gramps 4.

Gramps 4.x	<pre> > evtview = uistate.viewmanager.pages[uistate.viewmanager.page_lookup.get((5,0))] > # list all TabGramplet objects loaded for Events view > [child.get_title() for child in evtview.bottombar.get_children()] ['Gallery', 'Citations', 'Notes', 'Attributes', 'References', 'Event PlaceTitle Compare Gramplet'] > # get a reference to my custom Gramplet object > eptcGramplet = evtview.bottombar.get_children()[5].pui </pre>
-------------------	--

See also

- [Python Evaluation](#) window (debug tool)

QueryGramplet

This is a **Third-party Addon**.



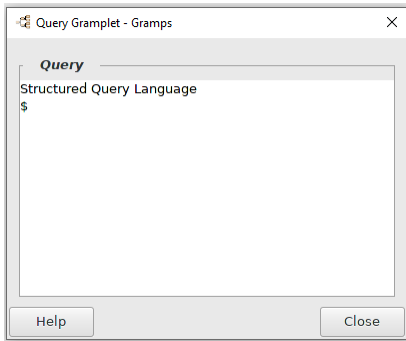
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Advanced use only



Manually install only. The contributor has marked this preliminary addon as "partially working with some functionality, but much more work is needed; needs testing"

Back up your family tree or use on a copy only.



Query Gramplet - default prompt

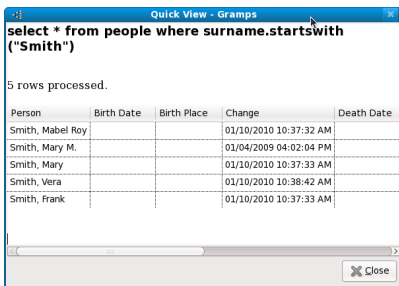
The **Query Gramplet** takes SQL-like queries and shows the results in a Quick View.

Usage

Once [installed manually](#), you can access the **Query Gramplet**:

- On the Dashboard by right clicking and selecting **Query Gramplet**
- Any of the categories by adding a Gramplet and selecting **Query** from the drop down list.

Enter your [SQL-like Query](#) and a Quick View result window should be displayed.



Example result

Examples

QueryGramplet

The **Query Gramplet Q** in Gramps 5.0 can SELECT, UPDATE, and DELETE. Some examples (keywords are shown capitalized, but the SQL parser is case-insensitive; fields that are capitalized are *macros* and must be capitalized, see below for more information):

```
DELETE FROM person WHERE GIVEN == "Travis";

SELECT * FROM person LIMIT 10;

SELECT gramps_id, GIVEN, SURNAME FROM person;

SELECT event_ref_list[0].ref FROM person;

UPDATE person SET GIVEN="Gary" WHERE GIVEN == "Travis";

SELECT gramps_id FROM person where ROWNUM < 10;

SELECT gramps_id FROM person LIMIT 5;

SELECT gramps_id FROM person LIMIT 20,30;

SELECT gramps_id, father_handle.SURNAME, mother_handle.SURNAME from family;

UPDATE gramps_id SET tag_list = Tag("Betty") FROM person WHERE "Betty" in primary_name.first_name;
```

Hints:

- You may want to do a general SELECT first ("SELECT * FROM table")--- that will show you the names of fields
- The query will automatically outer-join tables (use FLAT to not join)
- Assigning to a list will append onto it
- Use Tag("name") to lookup or create a new tag
- Use Date(year[, month[, day]]) to create a date
- Use TODAY for a date create for today
- You have access to these libraries/functions: _ (for translations), re, random, db (database)

Other options:

- FLAT - do not create extra rows via a JOIN
- EXPAND - do automatic JOINS
- RAW - no extra processing
- NORAW - follow handles, etc

This API is made possible through the generic struct/json interface. It is very little code, because it relies on these generic structures. It should be able to be made solid enough to expose to users (say as a generic filter). The parser can be made more user friendly... it may just throw an error currently.

I'd be interested in any limitations you find, or enhancement ideas.

SQL

Here is the grammar for the subset of SQL supported. The SELECT, UPDATE, DELETE, and LIMIT clauses may be in any order. The WHERE clause (if used) must be last.

```
SELECT expr1 [as var1][, expr2 [as var2], ...] FROM table [LIMIT number1[, number2]] [WHERE expression];

UPDATE table SET field1=expr1[, field2=expr2, ...] [LIMIT number1[, number2]] [WHERE expression];

DELETE FROM table [LIMIT number1[, number2]] [WHERE expression];

... [FLAT | EXPAND] ...

... [RAW | NORAW] ...
```

table is one of:

- [person](#)
- [place](#)
- [repository](#)
- [event](#)
- [citation](#)
- [source](#)
- [tag](#)
- [media](#)
- [family](#)

Other items:

- **expr** is a field, *, or expression
- **var** is an alias
- **number1** by itself is maximum number of rows to select
- **number1** with **number2** is start, stop (first row is zero)
- **expression** is any valid Python expression

expression and **expr** may use:

- random.random() (or other random method)

- ROWNUM (zero-based counter)
- col[N] (alias to column)
- aliases
- **object** - the primitive gen.lib object (such as Person, Family, etc)

RAW/NORAW: does not turn the results into strings, but leaves the selected values as raw Python. The default is NORAW. Once set, the new setting will remain the default for this session.

FLAT/EXPAND: if FLAT, then the rows are not cross-product JOINED with other multi-valued columns, but rather left as LISTS. Default is EXPAND. Once set, the new setting will remain the default for this session.

The following shortcuts (also called "macros") can be used in expressions and as a field:

- **SURNAME**, short for "primary_name.surname_list[0].surname"
- **GIVEN**, short for "primary_name.first_name"

A *macro* is a low-level text replacement system. We could add other macros, and even allow users to define their own.

Pre-Defined Functions and Libraries

The following are defined for use in your queries:

- Tag(name) - Create or lookup a tag by its name
- re - The Python regular expression library
- random - The Python random library
- db - the current Gramps database
- sdb - Simple Database API to the database
- Today() - a Gramps Date object set to today's date
- Date() - creates a Gramps Date object
- lib - to access gramps.gen.lib object definitions
- _(text) - for translations

Examples:

```
SELECT gramps_id, primary_name.surname_list.surname
FROM person
WHERE any([re.match("Sm.*th", name) for name in col[1]]);
```

Searches all primary_name surnames to find names that start with "Sm" and end in "th". col[1] is primary_name.surname_list.surname, which is a list of surnames.

```
UPDATE person SET tag_list=Tag("Smith") WHERE SURNAME == "Smith";
```

Lists

When an attribute is a list, you can select elements from items in the list, and also filter the list. For example, consider a person's parent_family_list. You can select only a single component, say private, of the parent family like:

```
SELECT parent_family_list("private") FROM person;
```

This would select only the private component from the parent families.

Likewise, you can filter the list to, say, only show those families that are private:

```
SELECT parent_family_list(private=True) FROM person;
```

This will only show (in the finally selected people) the parent families that are private.

Finally, you can both limit, and select from a list:

```
SELECT parent_family_list("gramps_id", private=True) FROM person;
```

That will limit the list to be a list of family gramps_id for private families.

You can delete an entire list by assigning None to it:

```
UPDATE note_list=None from person;
```

You can delete an item in a list by assigning None to it:

```
UPDATE note_list[0]=None from person;
```

Notes

Some notes on use:

- 1) Most SQL clauses (UPDATE table, FROM table, SELECT ..., SET field=value, ..., LIMIT ...) can appear in any position, any order
- 2) ...except the WHERE clause: it must be last; this is because the WHERE clause is not parsed, because:
- 3) The WHERE clause uses any valid Python expressions. It imports some libraries (such as random), to have ready possible expression needed.

```
SELECT * from person WHERE random.random() < .1;
```

This selects records where each has a 10% chance of being selected.

4) The SELECT fields use the bracketed notation for list references. Use "event_ref_list[0]".

5) JOINS are not necessary, because it automatically looks up all relations through the handles. In a SELECT, columns with multiple values in a list will appear as an outer-join with other values in the row.

6) UPDATE will work on any field, through a joined object or on the primary object. For example, you can update the birth date of an event through the person's referenced events.

7) Tables are lowercase, single (not plural) form (eg, person, tag, event).

8) Implemented "LIMIT number", "LIMIT start, stop", and "WHERE ROWNUM < number" (ROWNUM can be used in any expression).

9) Field names are the actual names of the fields of the gramps.gen.lib objects, verbatim, no differences. You might need to look up what you need... no help yet from this interface (although I am working on defining a built-in Schema that could help)

10) .handle or .ref automatically look up their references.

11) Shortcut: you can use col[N] in the WHERE clause to reference a column selected. N is zero-based.

```
SELECT gramps_id, private FROM person WHERE not col[1];
```

That will select all people where private is not True. That would include None (non-existent record) and False values. To select only False values, use:

```
SELECT gramps_id, private FROM person WHERE col[1] == False;
```

That will not select None values.

12) If an object doesn't match any selected field, it just doesn't show. For example, to find all of the people with at least two surnames on their primary name, use:

```
SELECT primary_name.surname_list[1] FROM person;
```

or

```
SELECT gramps_id, primary_name.surname_list[1] FROM person WHERE col[1];
```

13) You do not need to reference a field before you can use it in the WHERE clause.

14) The semicolon is optional.

15) Be careful selecting all fields from all records... that could take up a lot of memory, and bring down Gramps.

16) This should be fairly fast, but it does call eval(). This might make things a little slower, but made the code much easier to write. And it does use the full power of python.

17) You can use parentheses in an "UPDATE table SET field=value" value. Something like:

```
UPDATE table SET field=(field + 1);
```

but that hasn't been well-tested. (Speaking of testing, there is a Vassilii-inspired unittest with the QueryQuickview... will add more there).

18) The primary_name... stuff is really long and verbose. See "shortcuts" above.

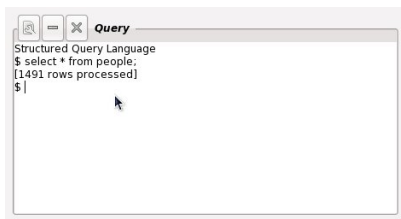
19) Fields that contain other objects, or lists of objects, will show as dictionaries and lists of dictionaries. You can refine those fields by further specifying subparts. Maybe we should not show these, or show in another form...

20) If a selected field does not exist in a record, then it will have a value of None. For example, if you are selecting those people that have a second surname on their primary name, and there are some people who do not have a second surname, it will appear as None. If all columns are None, then the item will not be selected at all.

21) If you know that only one value will match, then a "LIMIT 1" may be a way to speed up the query.

Older documentation for the QueryGramplet in Gramps 3.4

This has different table names (people rather than person), and other names that are different (surname vs primary_name.surname_list[0].surname).



SQL-like:

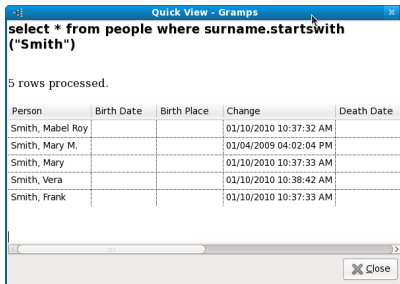
```
select FIELDS from TABLE where PYTHON-BOOLEAN-EXPRESSION;
```

TABLES: FIELDS:

1. people: given_name, surname, suffix, title, birth_date, death_date, gender, birth_place, death_place, change, marker
2. families:
3. sources:
4. events:

Examples:

```
$ select * from people where surname.startswith("Smith")
```



Person	Birth Date	Birth Place	Change	Death Date
Smith, Mabel Roy			01/10/2010 10:37:32 AM	
Smith, Mary M.			01/04/2009 04:02:04 PM	
Smith, Mary			01/10/2010 10:37:33 AM	
Smith, Vera			01/10/2010 10:38:42 AM	
Smith, Frank			01/10/2010 10:37:33 AM	

```
$ select given_name, surname from people;
```

```
$ select * from sources;
```

```
$ select * from events;
```

```
$ select * from families;
```

Issues

- [11671](#) QueryGramlet: Plugin error (from 'QueryQuickview'): No module named 'gramps.gen.lib.handle'

See also:

Original announcement about "Query Gramlet" from developer "Doug Blank"(2013)

- [\(Gramps-devel\) SQL-like API for Gramps gen.lib](#), From: Doug Blank - 2013-12-24 16:22:09
 - Which mentions feature request [6513](#) *tool option needed to edit database*
- [GRAMPS - Dev - query.py](#) 2009

Because Documentation about data structures becomes quickly outdated, the following cross-references have a parenthetical notation of the vintage - plus the most recent major revision.

- [Gramps Data Model \(v4.1\)](#) - version 4.1 data diagram (2014)
- [GEPS 032: Database Backend API](#) (proposed 2013, implemented 2015)
- [GEPS 010: SQL Backend/Relational Backend](#) (proposed 2008, superseded 2013)
- [SQLite Export Import](#) - a *third party addon* which expands the **Family Trees** ⇒ **Import.../Export...** menu options (2009, revised 2019)
- [Gramps SQL Database](#) - documents the format of a SQL database version of the [Gramps BSDDB](#) datastore. (2009, revised 2015)
- [SQL Schema](#) - (2016)
- [Pickle Python Tutorial](#) - *not specific to Gramps* (2018)

Quilt Chart

This is a **Third-party Addon**.



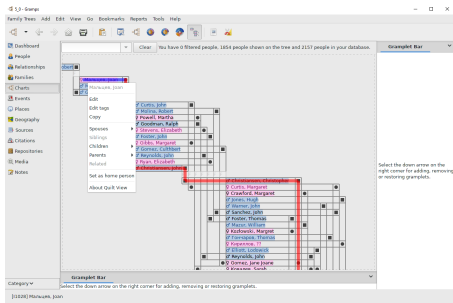
Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).



The larger the number of people in the Family Tree

The longer the chart will take to appear.

The **Quilt View Chart** is an interactive **Charts** category view addon that presents your family tree in the form of a grid. Quilts allow the visualization of large genealogies up to several thousand individuals, by using a diagonally-filled matrix, where rows are individuals and columns are nuclear families.



Quilt Chart view

Usage

From the **Charts** category view select the **Quilt Chart** icon or select **View > Quilt Chart** from the menu.

Available actions

Move the mouse hover people

If the "Center the selected person" is not selected, one path is drawn for the person below the mouse.

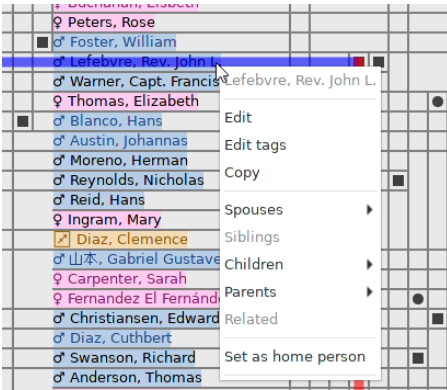
Move the mouse hover families

If the "Center the selected person" is not selected, one tooltip with the family name is shown below the mouse.

Click on one person

With the left button

The popup menu for the person selected is displayed.



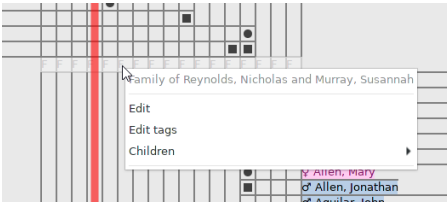
With the right button

The person editor is called.

Click on one family

With the left button

The popup menu for the family selected is displayed.



With the right button

The family editor is called.

The search bar

When you have a big tree, it is difficult to find a person. This bar is used to select people and show the filtered name(s) in a drop down menu.

The clear button

This button is used to clear the entry filed for the dropdown menu.

The message

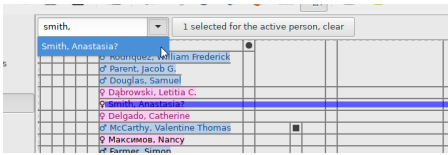
On the label string, you have three values :

1. The first one is the number of the selected persons. The lower this number is, the smaller will be the list.
2. The second one is the number of people show on the tree. This number depends on the active person.
3. The third and last is the number of people in the current database.

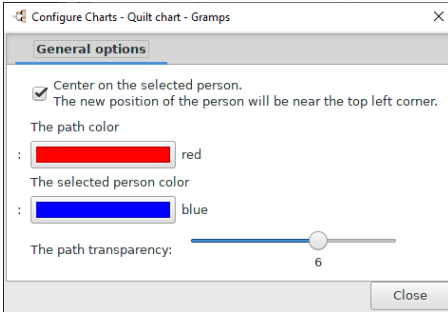
The results



Another image which show the dropdown menu.



Configure Options



Select **View > Configure...** from the menu to change the following:

General options tab:

- Center the selected person.** The new position will be near the top left corner (checkbox selected by default). If this option is selected, you don't see the paths and you have no tooltips when hover families.
- **The path color:** red(default)
- **The selected person color:** blue(default)
- **The path transparency:** slider that defaults to 6 out (1 to 9).

See also

- [Quilts - GEPS_030: New Visualization Techniques](#)
- Based on [GeneaQuilts](#)
- Anastasia Bezerianos, Pierre Dragicevic, Jean-Daniel Fekete, Juhee Bae, Ben Watson. **GeneaQuilts: A System for Exploring Large Genealogies.** *IEEE Transactions on Visualization and Computer Graphics*, 2010, 16 (6), pp.1073-1081. 10.1109/TVCG.2010.159. inria-00532939 [[pdf](#)]

RelatedRelativesGramplet

This is a [Third-party Addon](#).

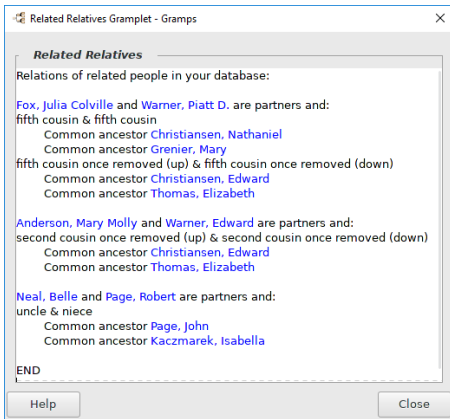


Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following: [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

Hint



If you select a common ancestor for a relationship with a relative and create a [Hourglass report](#) for this person you often can easily spot the related relatives by looking for lines that are crossing the other lines.



Related Relatives Gramplet - results window example

The Related Relatives Gramplet shows all persons in your database that have or had a relationship with a relative.

Usage

For each found relationship with a relative the relationship is named and the common ancestors for the relationship are listed. The persons in the relationship and the common ancestors are shown as links. You can select either by a single click.

RepositoriesReport

This is a [Third-party Addon](#).



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New York Public Library (Library)

- World of the Weird (Photo) : what-321-ever
- Import from test2.ged (Film) : CA-123-LL-456_Num/ber

Aunt Martha's Attic (Collection)

- World of the Weird (Manuscript) : nothing-0

Public Library Great Falls (Library)

- Baptize registry 1850 - 1867 Great Falls Church (Microfilm) : 32Z-345

Example output from the *Repositories Report*

This is a set of Text reports to list repositories and their related sources information, such as the call number or the type. Repositories stores sources. These reports are useful for displaying some sources information before going to a repository (like an archive).

- [Repositories Report](#)
- [Repositories Report Options](#)

Repositories Report

Once installed, you can access this report via menu **Reports > Text Reports > Repositories Report...**

See also [common options](#)

Repositories Report Options

Author: John Joseph PringleKamerbuch
 Abbreviation: NYPL
 Publication information:
 Date: 2001-01-01
 His name is my name, too.

Public Library Great Falls (Library)
 Ask librarian for key to the microfilm closet of Great Falls church, it is closed normally

Address: Bookstore street 5, Great Falls, NY, USA	1. Baptize registry 1850 - 1867 Great Falls Church (Microfilm)	1. Baptize registry 1850 - 1867 Great Falls Church
Author: Priests of Great Falls Church 1850 - 1867	Author: Priests of Great Falls Church 1850 - 1867	Findplace: Priests of Great Falls Church 1850 - 1867
Abbreviation: BR-GFC-1867	Abbreviation: BR-GFC-1867	Findformat: BR-GFC-1867
Publication information: Microfilm Public Library GFC	Publication information: Microfilm Public Library GFC	Publication information: Microfilm Public L.L. Data
Date: 1855-06-25	1855-06-25	1855-06-25
line 1 fac secunda Anni Baptiza	line 1 fac secunda Anni Baptiza	line 1 fac secunda Anni Baptiza
line 2 fac et Lewis Anderson	line 2 fac et Lewis Anderson	line 2 fac et Lewis Anderson
line 3 filius legitimus Guillelmi	line 3 filius legitimus Guillelmi	line 3 filius legitimus Guillelmi
line 4 Garner et Elisabetha	line 4 Garner et Elisabetha	line 4 Garner et Elisabetha
line 5 Becki Suscepores fuerunt	line 5 Becki Suscepores fuerunt	line 5 Becki Suscepores fuerunt
line 6 petrus Arts et Catharina	line 6 petrus Arts et Catharina	line 6 petrus Arts et Catharina
line 7 van de Voorde	line 7 van de Voorde	

1855-06-25: Inquid on June the second Lewis Anderson legitime son of Guillelmi Garner et Elisabetha Becke. Goldparents were petrus Arts and Catharina Van de Voorde

Example output from the *Repositories Report Options*

Once installed, you can access this report via menu **Reports > Text Reports > Repositories Report Options...**

See also [common options](#)

This report extends the *Repositories Report*, and provides user-options for additional source information (*author, publication information, abbreviation, data*), pre-formatted notes for source or repository, primary media on source, also allows to hide private records (*repository, source, note, media*) and supports multi-language.

Development

Limitations

- As this is a textual report, there is no changes on database. It just retrieves information from database. No need to make a backup before using this report.
- As code is not very complex, it should not introduce mistakes on output. If there is an error, then there is a valid email address at the end of the plugin.
- RepositoriesReport.py (3.1.x) was inspired by [Place Report](#).

See also the [Repository References quick view](#), which does the same thing on active repository called. Thanks to *Alex Roitman*, who generated the "technical part" of the code ...

Generated with :

Coding way is not very quick or standard but is easy to understand and plugin does the job.

- It has been generated under [Geany](#)
- and checked with [Pylint](#).

Feel free to improve it for your own need !

SQLite Export Import

This is a [Third-party Addon](#).

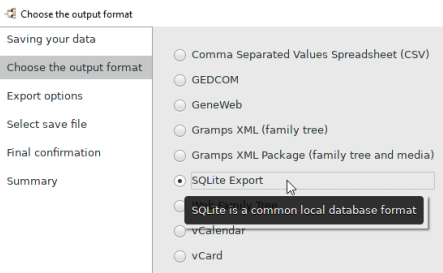


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This pair of addons are used together and do not provide generic SQL support for import from an unknown format.

See: [11447](#)



A Gramps [SQLite exporter and SQLite importer](#) that can export most of the Gramps genealogical data.

SQL stands for "[Structured Query Language](#)" and is pronounced "sequel" (it is a joke: as it came after QUEL, it is its sequel). SQLite is a common local database format

Installation

Install both the [SQLite Export](#) and [SQLite Import](#) addons.

Usage

Export SQLite

You can export most of the Gramps genealogical data through an SQL Export using the Export Assistant. This does not export other Gramps data, such as bookmarks, researcher information, etc.

- From the menu select: [Family Trees > Export...](#)
- From the [Saving your data](#) wizard dialog select [Next](#)
- From the [Choose the output format](#) wizard dialog select the [SQLite Export](#) option and then select [Next](#) twice
- From the [Select save file](#) wizard dialog either name the file and default location or change it and then select [Next](#)
- From the [Final confirmation](#) wizard dialog select [Apply](#) and then [Close](#)

Import SQLite

You can also import the previously exported Gramps genealogical data via SQL import.

- **It is recommended that you create a new Family Tree before import.**
- From the menu select: [Family Trees > Import...](#)
- From the [Import Family Tree](#) file dialog selector, select your previously created SQL file (eg: `Untitled_1.sql`) and then select the [Import](#) button

Using export with external programs

After you use the SQLite Exporter to export your Gramps data into a file such as `Untitled_1.sql`, you can then use SQL queries using any program that can access your database (postgresql, sqlite, etc). For example, on Linux with sqlite:

```

$ sqlite3 Untitled_1.sql
SQLite version 3.5.9
Enter ".help" for instructions

sqlite> .tables
dates          family      names       people      repository
events        media       notes       places      sources

sqlite> .headers on
.headers on

sqlite> select * from people;
handle|gramps_id|gender|death_ref_index|birth_ref_index|change|marker0|marker1|private
b247d7186567ff472ef|I0000|1|-1|-1|1225135132|-1||0

sqlite> select * from names where surname like "%Smith%";
private|first_name|surname|suffix|title|name_type0|name_type1|prefix|patronymic|group_as|sort_as|display_as|call
0|Test|Smith||2||||0|0|

sqlite> .exit
$

```

```


$ sqlite3 Untitled_1.sql
SQLite version 3.6.12
Enter ".help" for instructions
Enter SQL statements terminated with a ";"
sqlite> .tables
address        event         location      note          repository_ref
attribute      event_ref    markup        person        source
child_ref     family       media         person_ref    source_ref
datamap       lds          media_ref     place         url
date          link         name          repository

sqlite> .headers on
sqlite> .mode columns
sqlite> select * from person;
handle          gid          gender death_ref_handle  birth_ref_handle  change  marker0 marker1 private
-----
b5dc6d9aa5766513709 I0010      0      b5dc6d9aa07279205ad b5dc6d9aa3e7b41bf1 1249739601 1      Complete 1
b5dc6d9add708e5ba9e Amla achba 0      b5dc6d9adc539e3085e          1249739601 2      ToDo      0
b5dc6d9cd9c134a0c39 I0017      1          1249739602 -1      0
b5dc6d9dfd3719d4e00 imgoabim Miulka 1      b5dc6d9dfca6a342e45          1249739603 1      Complete 0
b5dc6d9f38779e2275b I0024      0          b5dc6d9f37b685b9607 1249739603 -1      0
...

```

If you change the data, you can then read it back using the SQLite importer into Gramps to see the changes.

NOTE



You should only attempt editing textual fields or fields for which you know the meaning. For example, in the above, do not change the handle fields, but you can change one's gender.

Indexed data

A user reported that their experiments with the SQLite export created records of Events where the Event type is a numeric index. There was no text label of the Event type. They were unable to find the table being referenced.

The events type are referenced in [gramps/gen/lib/eventtype.py](#)

The following code will get the string value corresponding to the index:

```

event_type = [tup for tup in EventType_DATAMAP
               if tup[0] == index][0]
evt_id = event_type[0]
evt_name = event_type[1]

```

See also

- [GEPS 010: SQL Backend](#) *withdrawn in favor of GEPS 032*
- [GEPS 032: Database Backend API](#)
- [Gramps_SQL_Database#Older_version](#)

Gramps bug report MantisBT database:

- [11447](#): Sqlite3.DatabaseError: file is not a database
- [9148](#): SQLite export followed by re-import not idempotent
- [12620](#): Include type descriptions in SQLite Export addon
- [12765](#): Include name_group table in SQLite Export
- [12766](#): Add table of constants to SQLite Export

Gramps community support [Discourse forum](#):

- [SQLite export clarification?](#) - Dec 2022
- [Extracting constants from python code](#) - Dec 2022

SetAttributeTool

This is a [Third-party Addon](#).

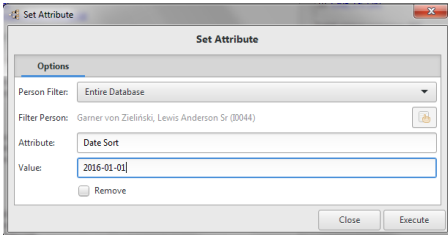


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Only applies Attributes to People Attributes only

(and not Families/Events/Sources/Citations/Media Attributes)



The **Set Attribute** Tool allows you to set/add a named [attribute](#) on a set of people or remove them.

Usage

Once installed select the menu **Tools->Family Tree Processing->Set Attribute...** This brings up the **Undo history warning** dialog select either the **Stop** to exit or the **Proceed with the tool** button which will show the **Set Attribute** window, where you can fill in the required information to either add or remove the attribute with the selected value.

- **Person Filter:** - Select the filter to restrict people to eg:'Entire Database' (default)
- **Filter Person:** - The center person for the filter
 - o **Select a different person** button
- **Attribute:** - Attribute type to add or edit (Will remember entry between use)
- **Value:** - Attribute value to add or edit (Will remember entry between use)
- **Remove** - (Unchecked by default) If checked will remove attribute value to add or edit entered

To exit without using the tool use **Close** button. Select the **Execute** button to add or remove the Attribute.

Issues

- [3682](#) Set Attribute Tool should be able to (add and remove) attributes for Families/Events/Sources/Citations/Media etc
- No help url to here.

SetPrivacyTool

This is a [Third-party Addon](#).



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The **Set Privacy Tool** allows you to manage the privacy status of people, events and media from the year range that you select. Items marked as [private](#) can be hidden in Gramps e.g. in report generation or ignored e.g. when exporting the database.

Usage

Once this plugin has been installed:

- Select Menu **Tools > Family Tree Processing -> Set Privacy Tool...**

Undo history warning



Proceeding with this tool will erase the undo history for this session. In particular, you will not be able to revert the changes made by this tool or any changes made prior to it. If you think you may want to revert running this tool, please stop here and [backup](#) your database.

- From the **Undo history warning** dialogue you can choose or .

Version 1.0.8

Available through the [Third party addons management](#) section of the [General Tab in Preferences](#).

- The **Option** tab is displayed with the following:
 - **Persons**: If checked, all persons with a birth date in the given time range (Years) will be set private
 - **Events**: If checked, all events with a date in the given time range (Years) will be set private
 - **Media**: If checked, all media with a date in the given time range (Years) will be set private
 - **Always private if no date**: Checkbox option, if checked all objects without a valid date will also be set private
 - **Years**: The number of years back from today which should be considered as private

Once you have made your choices, you can either choose or to apply the change.

Version 1.0.9

Posted 6 July 2021 and only [available through the Pull Request system on GitHub](#). Currently queued for code review and release via the Plugin Manager.

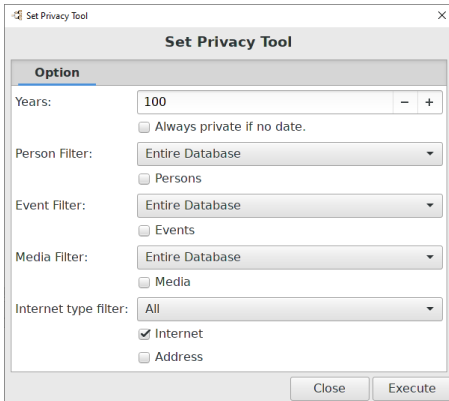
Ambiguity is subject to penalties with automated mass updates



This tool is selective but not intelligent. It does exactly what it is told to do... even when that is a really bad choice.

Also it does not use the [Probably Alive](#) Proxy calculation. It uses the **Birth year** when filtering Person records.

So the dates of any other items in the Person's timeline (other Events, defining life events of offspring, siblings, or parents) are not considered. You may want to provide some better direction by using the [Calculate Estimated Dates Tool](#) addon to estimate a Birth year.]



Set Privacy Tool - Option dialog

The **Option** tab is displayed with the following:

- **Years:**
 - numeric text box with buttons
The number of years (counted backwards from today) which should be excluded from being updated.
 - Always private if no date.
If selected, any objects without a valid date will also be updated.
- **Person Filter:**
 - (default)
Pull down menu to select any Person [custom filter](#).
 - Persons
If selected, only [Person objects](#) with a birth date in the given time range (Years) will be updated.
- **Event Filter:**
 - (default)
Pull down menu to select any Event [custom filter](#).
 - Events
If selected, only [Event objects](#) within the Years range will be updated.
- **Media Filter:**
 - (default)
Pull down menu to select any Media [custom filter](#).
 - Media
If selected, only [Media objects](#) within the Years range will be updated.
- **Internet type filter:**
 - (default)
Pull down menu to select a specific Type of Internet record:
 - All (default)
 - Unknown
 - E-Mail
 - Web Home
 - Web Search
 - FTP
 - Internet
If selected, only [Internet records](#) of the selected Type will be updated.
- **Addresses**
 - Address
If selected, any [Address records](#) within the Years range will be updated.

Once you have made your choices, you can either choose or to apply the change.

SourcesCitationsReport

This is a [Third-party Addon](#).



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The screenshot shows a window titled "Sources and Citations Report" with a close button (X) in the top right corner. The window contains two tabs: "Paper Options" and "Report Options". The "Report Options" tab is active and contains the following fields:

Report Title:	Title of the Report
Subtitle:	Subtitle of the Report
Footer:	Copyright 2020 researcher name
Select using filter:	[Dropdown menu]
	<input checked="" type="checkbox"/> Show persons
Translation:	Default
Date format:	YYYY-MM-DD (ISO) [2020-06-17]

Sources and Citations Report - Report Options - tab - defaults

The Sources and Citations Report addon provides a source and citation report with notes.

Usage

Select **Reports > Text Reports > Sources and Citations Report...** from the menu.

Issues

- help button goes to https://gramps-project.org/wiki/index.php?title=Gramps_5.1_Wiki_Manual_-_Reports#Sources_and_Citations_Report
- Github code [SourcesCitationsReport](#)
- [12506: Improvement to the existing SourcesCitationsReport](#) - New report has an improved layout with no tables allowing greater User control via Styles. A choice of three Sorts is provided, Source_id, Author and Title.

SyncAssociation

This is a **Third-party Addon**.



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The **Sync Associations** Tool addon is designed to add a reciprocal [Association](#) if it is missing. For instance, if you create a GodFather association between A and B, this tool will create the matching Godchild association between B and A.

Usage

The **Sync Associations** tool is run from the menu **Tools > Family Tree Processing > Sync Associations...**. It will scan and modify your family tree with no interaction nor feedback of the changes being made. (Although the Persons receiving a reciprocal association will have a freshened Modify Date.) So be certain to [make a backup](#) beforehand... in case the result is not what you expected.

This tool is designed to create reciprocal Associations that are implied by explicit Associations records. Any Sources or Notes referenced by the original Association will be cross-referenced to the new reciprocal relationship Association.

Table of supported Associations

The following Associations imply a reciprocal relationship:

Association name	Reciprocal association name
Godparent	Godchild
Landlord	Tenant
DNA	DNA

See below to [Add Types to the Sync Association Gramplet](#)

Example

Create a new Family Tree and import the [Example.gramps](#) file.

Person: Fernandez El Fernández, Avis III - Gramps

Preferred Name: Fernandez El Fernández, Avis III. Type: Birth Name

Title: Dr. Nick: Av. Call: Given: Aviel. III

Prefix	Surname	Connector	Origin	Primary
	Fernandez		Patronymic	<input checked="" type="radio"/>
	Fernandez			<input type="radio"/>

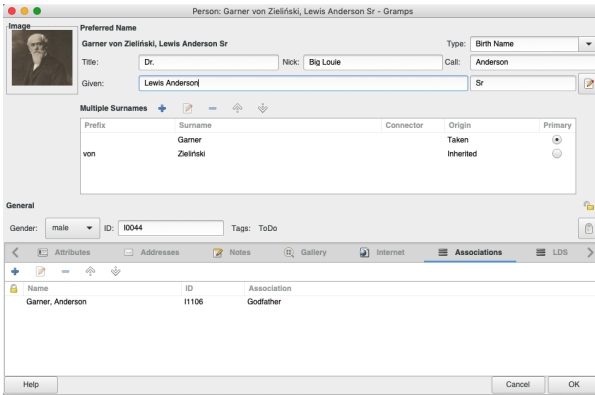
General: Gender: female. ID: H1200. Tags:

Associations:

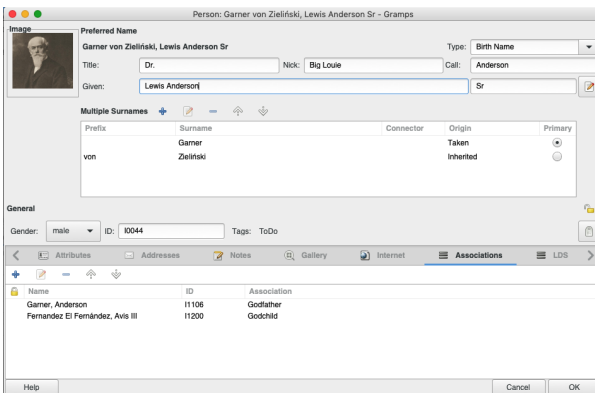
Name	ID	Association
Garner von Zielinski, Lewis Anderson Sr	I0044	Godfather

Buttons: Help, Cancel, OK

View the Person Association information for example person, Fernandez El Fernandez, Avis III. He is the Godfather of Garner von Zielinski, Lewis Anderson Sr.



Now view the person referenced in the Godfather association, Garner von Zielinski, Lewis Anderson Sr. Note that he is the Godfather of Garner, Anderson but does not have an association with his Godfather.



After running the **Sync Associations** tool, a window describing the actions taken will appear. The possible actions are

- <N> Reciprocal associations created
- All reciprocal associations exist, none created
- No existing associations, so no reciprocal ones needed

Now view the person again. The Godchild association has been added. If there were Notes or Citations on the initial Association, they would also be referenced.

Add Types to the Sync Association Gramplet

How do I add a new relationship Type to the Sync Associations tool?

Not for the casual user

The list of Association Types was not designed to be changed via the interface. (It was intended for a specific Association and does not *have* any interface.) But you can manually change the Gramplet code as a temporary hack. Unfortunately, the next time that Gramplet is updated, any temporary hacks will be wiped out.

To add more 'official' reciprocal relationship will take time. The quickest turnaround would be for users to manually change the Association Types in the system and, once they have verified the the Types as functioning, then submit the patched line of associations as an Enhancement Request.

What variations of Syncs can be added?

Associations can be symmetrical or reciprocal. That is to say, the relationship is described the same way from either side (co-workers) or inverse/mirror of one another (guardian and ward)

As an example, perhaps you want to log the Association of a [Namesake](#) to their [Eponym](#). The Junior-Senior namesake relationships are implied via the Name Suffix and loosely refined via the Family relationship. But namesakes that skip a generation (or are honoring a famous person/thing) are

more easily tracked via Associations. It sure would be nice for there to be less work to set the Reciprocal Association.

When considering Associations, note that they do not have a datespan. So logged Associations should probably be limited to those that are expected to be lifelong.

The modification

If you go to line 57 of syncAssociations.py you will see:

```
ASSOC_LOOKUP = {  
    "cM": "cM",  
    "DNA": "DNA",  
    "Godfather": "Godchild",  
    "Godmother": "Godchild",  
    "Landlord": "Tenant"  
}
```

You need to add lines with a similar format (quoted string then colon then quoted string then comma)



Once the new Associations Types have been tested and work as expected,

submit an [feature request](#) to included it in the addon.

Issues

- Limited list of association currently known. [Adding additional relationships](#) requires adding to the [source code](#) in the ASSOC_LOOKUP table
- No help link to here.

See also

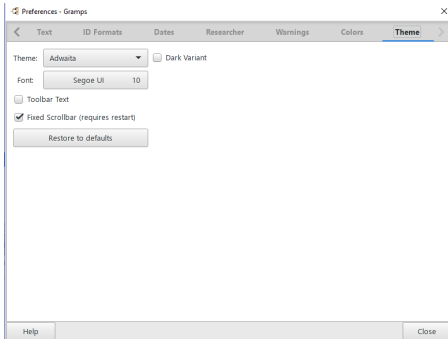
- Gramps 5.2 Manual - [Entering and Editing: Associations](#)
- [Roles, Relationships & Associations](#)
- [Add a godfather-godmother](#)

Themes

This is a [Third-party Addon](#).



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The Themes addon adds a small set of configuration settings to the Preferences dialog. A new tab **Theme** is added containing a few new settings related to Gramps appearance.

Settings

There are four new settings;

- **Theme:** `Adwaita` setting allows the user to select from the installed themes on their machine. A few of the themes will come standard with the system library Gtk. Others may be part of the Operating System, particularly in Linux based systems.

Note that not all themes are fully compatible with Gtk and Gramps; if the theme selected doesn't look right, with missing elements or other issues, select another theme.

Dark Variant If the current theme includes a dark version of the theme as a subset, selecting will activate the dark version. (Also called Dark Mode) The Dark Mode is deselected by default.

- **Font:** `font family point size` Brings up a selector which allows the user to pick a Font family to be used throughout the Gramps interface, and/or change the font size. The fonts presented are those found on the system. After making a font change, restart Gramps.

Toolbar Text Enables text below the main Gramps toolbar icons. Toolbar labels are deselected by default.

Fixed Scrollbar (Requires Restart) This overrides the Gramps scrollbars to be a bit more 'classic' in behavior and appearance. Fixed Scrollbar is deselected by default.

This option toggles between the default and these overrides:

- Scrollbars remain visible rather than disappearing when not in focus
- Arrow button (up/down) are shown at scrollbar ends
- clicking in the empty space above and below the slider acts as page up or page down instead of 'Warp to position'

Note that changing the scrollbars setting requires restarting Gramps, and may require restarting your session (Log off and log back on to Windows), particularly when disabling the setting.

- `Restore to Defaults` This returns Gramps theme settings to their default values, as if no changes were made with these settings.

Installing your own theme

Themes (correctly copied into the appropriate OS folder and with the correct subfolders) will simply appear as new pull-down menu options in the Themes tab that appears in Preferences after the Themes addon has been installed.

Windows

It is possible to change the Gramps theme on the Windows AIO.

The Gramps AIO version 5.0.x uses Gtk 3.18 or higher, so a theme **MUST** be selected that supports that version (themes that are designed for a later version may not work). The current Gtk version is reported in the [Addon:Prerequisites_Checker_Gramplet](#).

Suitable alternate themes may be found at the gnome-look.org website.

Download the theme file (often a tar.gz) and, if necessary, decompress it using 7-zip or similar.

The decompressed files should be stored within a folder in "C:\Users*<username>*\.themes" (Substitute *<username>* with your login name under Windows. Less ambiguously, you could take advantage of the %USERPROFILE% [Windows environment variable](#) and the destination folder is: %USERPROFILE%\.themes)

The folder `.themes` can be manually created if it does not already exist.

So, the final directory structure for a theme named "MyAwesomeTheme" looks like:

```
C:\Users\<username>\.themes\MyAwesomeTheme
```

or

```
%USERPROFILE%\.themes\MyAwesomeTheme
```

Linux

You should follow instructions for your distribution. Some other information that could help is provided [GEPS_029: GTK3-Object_introspection_Conversion#GTK_3_theme](#).

See also

- Themes 3rd party addon ([add-on source code on GitHub](#))
- [Windows AIO themes](#) : [Raleigh](#) and High Contrast (not pretty... but a good accessibility theme)
- Downloadable themes ([screen captures](#)):
 - [Greybird-Modv2](#) : a darker gray (no dark theme)
 - [Crown Blue](#) : Similar to Adwaita. Checking the Dark Variant makes it transparent on a Win10 system.
 - [Victory](#) : Another gray with no dark theme.

Some might find [Yaru themes](#) more to their liking. There are many other colors and dark themes.

This Day In Family History

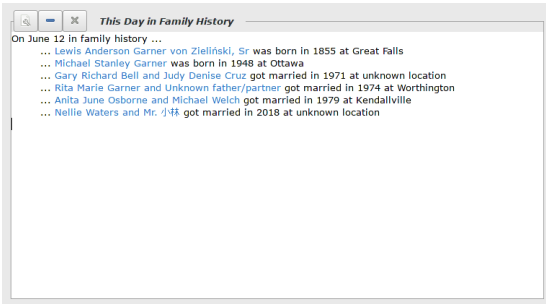
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Released for Gramps 5.x and greater

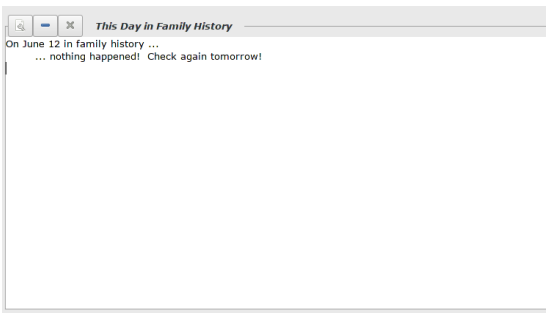


This Day In Family History Addon Output Sample

The **This Day In Family History** Grampet provides a view into your family history by searching through your family tree's events and presenting you with a concise report of the user defined list of events that happened on this day and month.

More than a novelty this grampet can be used to build engagement among family members and get them involved with filling in details. Cut and paste the results to your favourite discussion group or email list, however you keep in touch with the family.

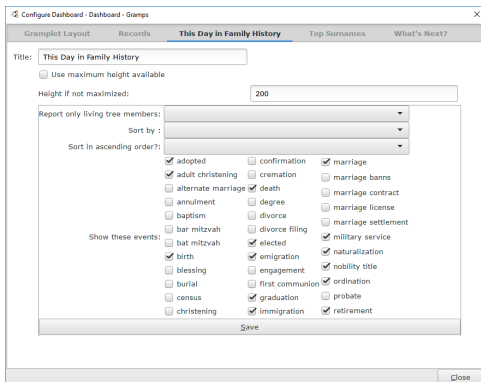
Features



This Day In Family History Addon Output Sample

- Choose from a list of Gramps events to report on
- Filter the list between living and deceased members of your family tree
- Sort the list by year, participant name, event location, event type, gramps ID
- Click through on the individual to inspect their record

Usage



This Day In Family History Configuration Dashboard View

After installing the gramplet you can proceed with the default options or access the Configure Dashboard to choose your preferred options. The gramplet will appear on your Dashboard, no further learning curve required.

Definition of deceased persons for filtering

For the purposes of this gramplet if a person has an event that suggests that they are not living they will be considered deceased. For family events the living only filter will be applied if both members of the family are considered deceased.

The events that will cause a person to be considered deceased are: burial, cremation, death, cause of death, and will.

Installation Prerequisites

- Designed and tested with Gramps 5.0, no other external programs required.

Issues

- Output for family events where the partners are not the primary participants may experience odd output.
- If the only record of an event that would indicate a person is deceased is recorded as a family event, they will not be correctly filtered by the living only option.
- Does not refresh on GEDCOM import.
- Does not refresh if person is accessed through right click, saved, and database is updated.

Feature requests

Some of the ideas to be implemented in future versions of the gramplet:

- Expand the location to include the full hierarchical name.
- Detect if a marriage listed under multiple People, instead of as a Family event, refer to the same event and merge the notice instead of listing them individually.
- Sort on multiple criteria, e.g. first by event type then by event year.
- Add a setting to consider a person deceased if their age is beyond a certain threshold.

Other information

Initially developed by [Stephen Adams](#) for Gramps 5.0

See also

- Builtin - [On This Day](#) - Quick View
- Builtin - [Birthday and Anniversary Report](#)

ThumbnailGenerator

This is a [Third-party Addon](#).

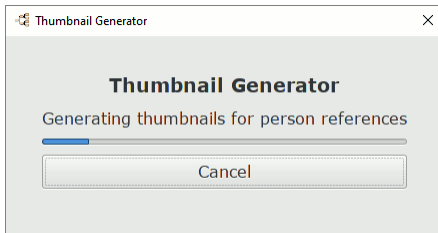


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Thumbnail Generator Tool in progress

The **Thumbnail Generator Tool** regenerates thumbnails for media attached to objects.

The thumbnail images are fetched from the Operating System. So, if your OS does not have an application associated with the [file/MIME type](#) of the media, or if that application does not generate thumbnails from the content, then then that media object will only be given a generic thumbnail.

Usage

Once this addon has been installed:

- Select Menu **Tools > Utilities -> Thumbnail Generator Tool...**

There is no confirmation bailout



Despite the horizontal ellipsis ("...") at the end of this menu selection, no additional dialog appears before the action begins

- No confirmation (preemptive cancel) opportunity.
- No options are offered.

The thumbnails will be regenerated in five passes:

- Generating thumbnails for person references
- Generating thumbnails for family references
- Generating thumbnails for event references
- Generating thumbnails for place references
- Generating thumbnails for source references

See also

- [Avatar Generator tool](#)
- Feature Request [2902](#): [Thumbnail Generator] does not delete old Thumbnails when run [Add option to delete old Thumbnails]
- Feature Request [8161](#): Gallery does not generate thumbnails of PDF files.
- Feature Request [7390](#): Gallery tab of Source view does not display .ods files
- Feature Request [6183](#): GraphView docgen: JPG/PNG thumbnails not within the graph nodes at large DPI
- Feature Request [4120](#): To remove last [GNOME] GCONF references? (function attempts to generate a thumbnail image for a non-image)
- [Gramps 2.0.7 release notes](#): Thumbnail generation support described with "evince" installed, thumbnails for PDF files; "totem" installed, thumbnails for video files
- [ThumbnailGenerator.addon.tgz](#) download page on GitHub
- [Gramps Help Discourse forum](#) discussion: [Has anybody used the Thumbnail Generator tool?](#)

TimelinePedigreeView

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Marriage missing date.



When a marriage does not have a date, then the actual marriage will not show as connecting lines on the view. Just add a date to make the marriage union visible.

The **Timeline pedigree** View shows a pedigree and also the timeline for each person's life. The Timeline Pedigree View displays descendants as well as ancestors.

Usage

- Select the Charts Category
- Select the **Timeline pedigree** icon from the toolbar
- The following keyboard command works on the view
 - **F2** : Display home person if set.

Context Menus

Two different context menus (via right-click) are available. The context is based on whether a Person box is indicated or not.

Blank section

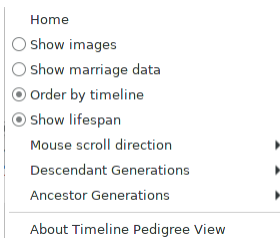


Fig. Addon.1 Blank area Context Menu

Using the context menu on a blank section of the canvas will allow you to adjust and change various options(see Fig. .2)

- **Home re-center on the home person**
- **Show images**
- **Show marriage data**
- **Order by timeline**
- **Show life span**
- **Mouse Scroll direction**
 - **Top<->Bottom** use with *Shift* modifier key
 - **Left<->Right** default - no modifier key
- **Descendant Generations**
 - select from 1 to 9 generations
- **Ancestor Generations**
 - select from 1 to 9 generations
- **About Timeline Pedigree View** (*this wiki page*)

Person box

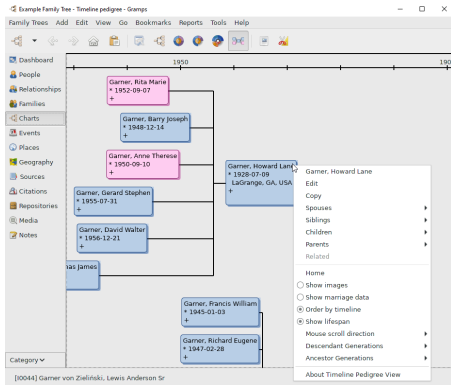


Fig. Addon.2 Timeline pedigree View - Addon for Chart Category - display example

Using the context menu on a person box will show additional options (see Fig. .1)

- *«name of indicated person»* re-center on this person
- **Edit**
- **Copy**
- **Spouses**
 - list of spouses
- **Siblings**
 - list of siblings
- **Children**
 - list of children
- **Parents**
 - *«name of indicated person's father»*
 - *«name of indicated person's mother»*
- **Related**
 - list of family members where person is a child

repeat of the [Blank Section](#) context menu

Timeline Quickview

This is a [Third-party Addon](#).



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This Addon/Plugin system is controlled by the [Plugin Manager](#).

Date	Event	Age	Place	People involved
	Daughter, Burial	unknown	Hays, Ellis, KS, US	Garner, Elizabeth [106];
	Stepsister, Birth	unknown		Garner [1116]
1827-04-12	Stepmother, Birth	(28 years, 2 months)	Bogalusa, Washing	Zieliński, Phoebe Emil
1826/7-04-24	Stepfather, Birth	(28 years, 1 months)	Aberdeen, WA, US	Garner, Robert W. [101]
1849-10-04	Parents, Marriage	(5 yea Copy all		ene, Zieliński, Phoebe Emil
1850	Stepsister, Birth	(5 yea See the person details		ge, F Garner, Phebe [1113]
1851-10-12	Stepsister, Birth	(3 yea Make the person active		Garner, Mary J. [1114]
1851-10-12	Stepsister, Birth	(3 years, 8 months)		Garner, Mary M. [1115]
1852-01-23	Wife, Birth	(3 years, 4 months)	Eureka, Humboldt;	Martel, Luella Jacques,

Timeline - Quick View - example results window - showing context menu

The Timeline Quick View shows:

- all of the events of the current active person's life
- birth events of parents
- all events of siblings
- family events from all parents

These events are sorted by date, and shows the age of the center person. In total, the columns shown for each event are:

- date
- event description
- age of person
- event place
- name of people involved in event

Usage

You can activate the Timeline Quick View by the context menu (right-clicking) on a person's name in the **People Category** (Grouped View or List View), and selecting **Quick View > Timeline**

Timeline Gramplet

You can also use the Quick View as a Gramplet:

1. select the Dashboard View
2. right-click in an open area, and select "Add a gramplet"
3. left-click on **Quick View** Gramplet
4. Select **Configure the active view** icon from the toolbar
5. Select the "Quick View" tab: from "View Type:" select "Person, and from "Quick Views:" select "Timeline", and press "Save"
6. Close the Options

You can then change Gramps Views, and select different people, and the view will change automatically.



Note

You can do this for any Quickview.

Functionality

Right-clicking on a row in the Timeline Quickview brings up a dialog that allows you to choose between showing the person details associated with the event.



Ages

Some ages will appear as negative, as those occurred before the center person was born. Events with invalid dates will appear at the beginning of the list.

Version History

- Version 1.0.1 refines what events show or not, and adds a final entry, for Today.
- Version 1.0.2 updates code to fix a missing import.
- Version 1.0.21 Gramps 4.x

See also

- Other [Quick Views](#)

Issues

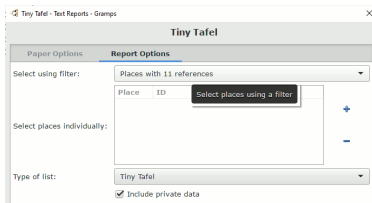
- Quickview helplink does not work on dashboard

TinyTafel

This is a [Third-party Addon](#).



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Tiny Tafel - Report Options tab - with custom filter

The **Tiny Tafel** report (ListeEclair) provides a compact way of listing the main surnames found in a place and showing what years those surnames were found in that place. It helps Genealogists determine if they might have overlapping research materials that could be shared from a family genealogy database.

Usage

Tiny Tafel

Lock Haven:Blake:1806:1832
 Lock Haven:Carroll:1742:1742
 Lock Haven:Dominguez:1811:1811
 Lock Haven:Graves:1798:1798
 Lock Haven:Johnson:1787:1787
 Lock Haven:Payne:1747:1747
 Marshall:Alvarado:1821:1825
 Marshall:Carroll:1863:1863
 Marshall:Douglas:1824:1857
 Marshall:James:1846:1846
 Santa Rosa-Petaluma:Garrett:1988:1988
 Santa Rosa-Petaluma:Page:1976:1992
 Santa Rosa-Petaluma:Powers:1945:1945
 Santa Rosa-Petaluma:Rodgers:1975:1979
 Santa Rosa-Petaluma:Simpson:1968:1968
 Santa Rosa-Petaluma:Warner:1977:1977
 Santa Rosa-Petaluma:Watson:1983:1983

Tiny Tafel - Report Options tab - with Custom Place filter

Select **Reports > Text Reports > Tiny Tafel...** to run the report.

Use **Select using filter:** to choose *Entire Database* or an existing Places category **custom filter**. Place **custom filters can be defined** in the Place category view's Filter gramplet or from the **Place Filter Editor** option in the **Edit** menu.

You can narrow down the geographical locations of the list by using **Select places individually:**

From the **Type of list:**

- Tiny Tafel (*default*)

Place Name:Surname:Begin Year:End Year

- CousinGenWeb

Surname:Place Name

You can **[x] Include private data** by default.

Background

The concept was to catalog areas of interest in genealogical research collections. It was a compromise between rows which can be read by humans and those that can be automatically interpreted by computers using a Tafel Matching System.

This report in Gramps is not in the classic Tiny Tafel format. Rather, it is the same category of encouraging research collaboration. Objectives are collated in a form intended for sharing on the [CousinsGenWeb](#), a French genealogy service circa 2012. The Report output is suitable for pasting into the body of an e-mail or posting to Social Networking Services.

However, the filtering has limited utility. While you could filter to just the Places where a particular group of Ancestor resided, the report still returns rows with ALL surnames logged in those Places, in all eras. You cannot limit to all surnames you've recorded in each place while your Ancestors were also residents. Nor can you limit it to listing just the Surnames in one branch of the Tree.

The defaults (without any filters) generated a report running over 24 pages when using the [Example.gramps](#) sample tree. To winnow down to a single page sample report, an arbitrary custom filter was applied. It uses a [Places with a reference count of <11>](#) rule. *This is a completely useless custom filter for any collaboration goal. But it gave a predictably small report length.*



The English report name uses Loan words from German and French

The term "tafel" is a German word meaning "Table". "Liste Eclair" is a French phrase meaning "Lighting List".

What would comprise an original Tiny Tafel?

The following is summarized from the 2000 article *What Is A Tiny Tafel Report?* published on RootsWeb.com by Jimmy D. Roberts Sr.:

The *Tiny-Tafel for Database Scope Indexing* article was printed in the April-May-June 1986 issue (vol.5, no.4) of [Genealogical Computing](#) magazine (acquired by Ancestry in July 1986) authored by Paul Arthur Andereck 1928-2007, that magazine's editor. The [Tiny Tafel](#) text file specification was developed by Commsoft in 1986. Originally, the .t.t text file format had a header with submitter contact identification followed by a simple table of a [SoundEx code](#) for the surname, beginning date, end date and the locality.

One of the driving forces in developing the tiny tafel was to implement a very standardized database that could compare tiny tafels and provide a report on matches. The **Tafel Matching System** was developed to do this. The original tiny tafel text files were intended for sharing with early online services and [Bulletin Board Systems](#) (BBSes). The format evolved as the technology changed. There were a number of bulletin boards around the country that had the Tafel Matching System installed.

```
N John Smith
A 123 Any St.
A Anytown, NY 12345
T 212-555-1212
S [email protected]
S www.example.com
Z 3
A160 1813*1850*AVERY\ Hampshire, England/Hampshire, England
M635 1810*1850*MARTIN\ Armagh, Ireland/Grey County, Ontario, Canada
S530 1920*1948*SMITH\ Brock, Saskatchewan, Canada/San Jose, CA, USA
W 24 May 1997
```

The SoundEx codes above are described: [A160 M635 S530](#)

The format began with header lines. Headers contained some basic identification: the researcher's name (N), address (A), and telephone number (T). Following these required lines are optional lines. They can include (S) giving more information about the communication system. For example, it could include an e-mail address and/or Web page address.

The optional lines are followed by a required line (Z), which gives the count of data lines. Those data lines follow (described below), and finally a closing line (W) with the freshness date for the file.

The data lines might contain:

data description • format

Soundex code for surname • (4 characters)
Space delimiter • (1 space)
Earliest ancestor birth year • (4 numbers yyyy)
Ancestor interest level • (1 character)
Latest descendant birth year • (4 numbers yyyy)
Descendant interest level • (1 character)
Surname • (variable length)
 \ Ancestor birth place • (variable length)
 /Descendant birth place • (variable length)

Release History

- Announcement Message [2012\[1\]](#) by Eric Dautreleau <grocanar@gm...>
- Github code [ListeEclair](#)

See also

- [Tiny Tafel](#) - Wikipedia

Issues

TinyTafel

- Need to swap English to be main translation language
- help button goes to wrong page
- Warning messages

ToDoReport

This is a [Third-party Addon](#).



Please use carefully on data that is [backed up](#), and help make it better by reporting any comments or problems to the author, or issues to the [bug tracker](#). Unless otherwise stated on this page, you can download this addon by following [these instructions](#). Please note that some Addons have [prerequisites](#) that need to be installed before they can be used. This Addon/Plugin system is controlled by the [Plugin Manager](#).

Report on Notes Tagged ToDo

Id	Text
N0013	This is a note showing a lot of different markup that mixes with each other making it a good stress test for markup notes . This is a note showing a lot of different markup that mixes with each other making it a good stress test for markup notes. This is a note showing a lot of different markup that mixes with each other making it a good stress test for markup notes.
I0044	Garner von Zieliński, b. 1855-06-21 d. 1911-06-28 Lewis Anderson Sr
N0009	Ask librarian for key to the microfilm closet of Great Falls church, it is closed normally

Sample output from the ToDo Report Addon.

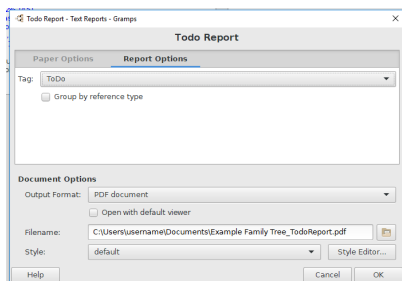
The **ToDo Report** prints any note attached to person, family, place, etc... with a specific tag. Originally, this was pre-set to find Notes with the `ToDo` tag. It has since evolved to allow any tag to be selected.

While there are ToDo lists built into Gramps based not Notes of the To Do type, this report was designed around the idea that you could attached a note to a person, family, place, etc. with the details of the task and mark/tag it ToDo. That would also save time from having to duplicate information to identify the record you were working on.

While the existing builtin [Tag report](#) already does list any notes marked/tagged `ToDo`, this report allows you to sort by the referenced person, place, etc., or group them. Also the person's information is printed next to the note so you don't lose track of the subject.

This report also supports any custom tags you might have created.

Usage



ToDo Report Addon - dialog.

Once installed, you can access this report via menu **Reports > Text Reports > ToDo Report...**

See also

Gramps builtins:

- [To Do](#) Gramplet
- [Tag Report](#) (*all objects with a selected tag*)

Addons

- [Addon:ToDoNotesGramplet](#)

Issues

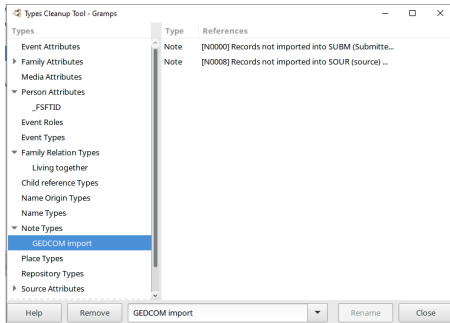
- ?? - Help button does not lead here.

Types Cleanup Tool

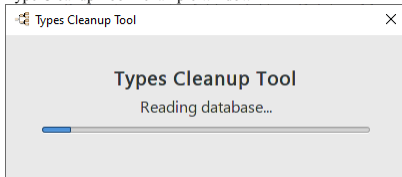
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Type Cleanup Tool - example window



Type Cleanup Tool - progress window

What is it For?

The **Type Cleanup Tool** searches your database for records that contain "custom" Types, provides a filtered list allowing those records to be edited, and an option to delete or rename the custom type. Custom Types are recognized by Gramps but the various reports that Gramps can generate and other applications may not recognize or handle them.

What causes the extra (Custom) Types?

[Custom types](#) are created automatically by some importers, or other addons ([Forms Gramplet](#), for example) to supplement the standard Gramps types.

They are also created manually by the user. Typing directly into the Type [selector combo box](#) allows the pattern matching to select from the built-in list. But entering a value not already present in that list will create a Custom Type and insert it into the Custom submenu.



Usage

- Download the **Check for addon updates** feature in the *General* tab of the [Edit -> Preferences...](#)
- Once this plugin has been installed
- Select Menu **Tools -> Utilities -> Type Cleanup...**

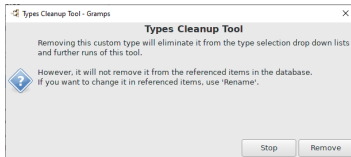


Warning



Proceeding with this tool may make unexpected changes to your data. While it is possible to **Undo** the changes made by this tool, it may be easier to recover from a backup.

The left pane has the list of various groupings of Types. Any grouping which has custom values will also have the  expansion button at the left. Clicking the button will  expand the submenu to list any existing Custom types. Select one of those custom types and the right pane will show the list of references that utilize the custom type. If the list is empty, the Custom Type can be removed without affecting any records.


You can edit any of the references in the right pane by double-clicking, using the enter key, et cetera. Use this feature to correct the Type of any record with an accidental Custom Type. The reference will continue to be listed even if the Type has been changed. It is a best practice to re-run the Tool to verify all the Custom Types have been resolved before Removing that Custom Type.




"Remove" buttons Warning dialog

When a custom type is selected in the left pane, the  is enabled. If you want to remove this custom type from your drop-down lists in the type selectors when editing, you can use this button. However, if there are references using the type, you will get a warning that the references will not be changed. If you elect to remove the custom type anyway, it will disappear from your drop-down lists in the type selectors when editing. But if you ever edit and save an object that still uses the custom type, it will re-added to your drop-down lists of the type selectors. You can also rename a custom type by changing its value in the combo entry at the bottom of the tool. You can select a standard name, or just modify the name by typing. When a different name has been selected, the  will become enabled. Activating this button will actually make changes to your database, modifying all of the referenced objects at once to the new name. This also causes the tool to re-scan the database, to allow the changes to be properly reflected in the panes.

It is possible to undo changes to the database objects via the usual Edit/Undo menu item. But note that undoing a rename which caused a custom type to be modified, will not cause that custom type to reappear in the drop-down lists in the type selectors when editing. This is a limitation of the undo function.

The  simply closes the tool.

The  brings up this web page.


Issues


See also

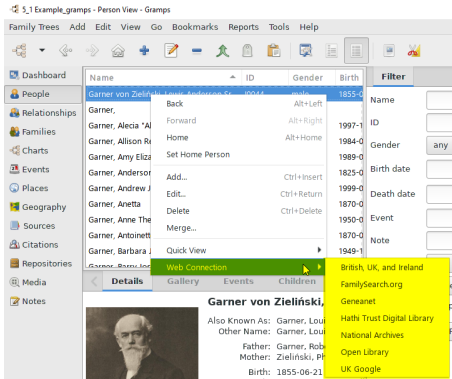
- [Renaming Event Types](#)

Web Connect Pack

This is a **Third-party Addon**.

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 **Install the country you require only** otherwise many websites will be duplicated in the "Web Connection" menu.



Web Connect Pack - UK websites menu

The *Web Connect Packs* contain a collection of Web sites for [various countries](#).

Usage

From the **People** Category view select a person then right-click and from the context menu select the **Web Connection** entry to show the website choices that you can search on. Selecting a website will send the selected persons following data:

- `% (surname) s` : Surname
- `% (given) s` : Given name
- `% (middle) s` : Middle name
- `% (birth) s` : Birth year
- `% (death) s` : Death year

to be queried and the result if any will be displayed.


Prerequisites

Before using you must install libwebconnect library and one of language packs.

- Requires *'libwebconnect'* be installed.

'libwebconnect' is the support *Library for web site collections*.

Available Web connect Packs

 **Install the country you require only** otherwise many websites will be duplicated in the "Web Connection" menu.

Available Web connect Packs:

- DEWebConnectPack
 - See also [German resources](#)
- FRWebConnectPack
 - See also [French resources](#)
- NLWebConnectPack
 - See also [Netherlands resources](#)
- RUWebConnectPack
 - See also [Russian resources](#)
- SVWebConnectPack
 - See also [Swedish resources](#)
- UKWebConnectPack
 - See also [General information sites](#)
- USWebConnectPack
 - Includes [Australian sources](#)/French(selected)/Norway
 - See also [US resources](#)

Issues

If the external website that "[Web Connect Pack](#)" queries against changes its query method, please raise an issue on the bug tracker.

Updating a webpack

If the query no longer works because the website updated the way searches happen these addons will need updating also.

So a Python line in the WEBSITES section of WebPack.py that reads like:

```
["Person", "WikiTree", "WikiTree", "https://wikitree.sdms.si/function/WTWebProfileSearch/Profiles.htm?%Query=%(given)s+%](su
```

creates a **WikiTree** submenu line to the contextual pop-up menu's **Web Connection** group in the People category view.

Selecting that a **WikiTree** submenu line for a Person Gramps records as being named *Richard Milhous Nixon*; born *12 January 1913* in *Yorba Linda, California*; died *23 April 1994* in *Manhattan, New York*; would send the following query line to your default browser:

```
https://wikitree.sdms.si/function/WTWebProfileSearch/Profiles.htm?%Query=Richard+Nixon+B1913+D1994&MaxProfiles=500&SortOrd
```

See Also

- [Web Solutions for Gramps](#)