Joaktree Manual 1.3.0

Genealogy viewer for Joomla 1.6

For genealogists and website builders who want to publish their genealogical data on the internet in a controlled and privacy safe way, the Joaktree component is an extension for Joomla! Content Management System, which allows you to easily synchronize your website with the genealogical data in your desktop application and puts you in the driver's seat for controlling which information is published on the internet.

Niels van Dantzig
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1 GETTING STARTED

1.1 INSTALL JOAKTREE COMPONENT

The Joaktree component is installed with the install function of Joomla! 1.6.x. There are no additional requirements or steps to be taken for installing the component.

When you install Joaktree for the first time, you have to install the zip-file for new installs.

1.2 CREATE AND UPLOAD A GEDCOM FILE

Joaktree is a ***viewer*** for genealogical information which is maintained by you in one or more separate applications (or databases) outside your website.

Most genealogical applications can create a so-called ***GedCom* file** for exchanging the stored genealogical information with other genealogical programs. This ***GedCom* file** can be uploaded in the Joaktree component for displaying the information on your site. The component has features which allow you to fully benefit from the CMS, making it possible to show specific information to specific user groups.

NOTE: When you generate your ***GedCom* file** on a Mac OS, remember to transfer your file in ASCII mode. See this article for examples and more details.

To get started you have to execute the following steps.

1. Create a ***GedCom* file** from your application.
   The character set of this file should be either UTF-8, or the standard ANSEL character set.

2. Transfer – for example by FTP mechanism – the file to your Joomla website.
   Standard location for this file is the "tmp" directory of your site.

3. Go to the administration site and navigate to the view "Joaktree *GedCom* Sources" (see section 2.1).

4. Click on the option "New" in the menu bar:

5. The view "Joaktree Create new *GedCom* source" will be shown.

6. Fill in and select your settings and save the ***GedCom* file source**. (see section 2.2.1)

7. Process the ***GedCom* file** (see section 2.1.2).

8. Create a **Family Tree** (see section 3.2)

After these steps you are done. The genealogical data can be displayed on your site.

2 GEDCOM FILE SOURCES

2.1 VIEW: JOAKTREE GEDCOM SOURCES

In this view you can maintain the records for your different ***GedCom* file sources**, as well as the data from the ***GedCom* files**.

You will need at least one of these records to continue processing your ***GedCom* file**. Having more than one record is an advanced feature (see section 2.4).

2.1.1 Maintain GedCom file sources

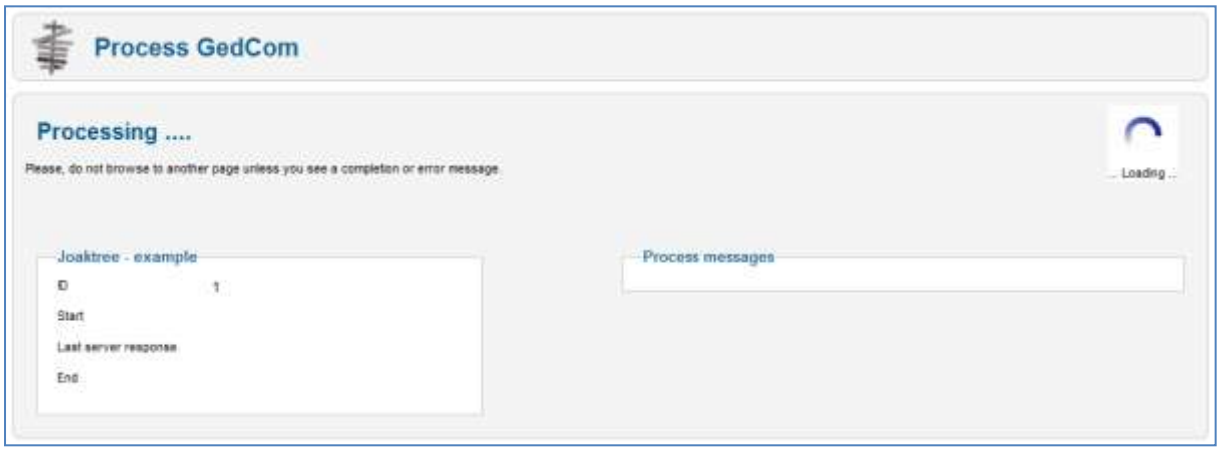
- You can create new records by selecting the option "New" (see section 2.2 for details).
- You can edit an existing record by either clicking on its title or by selecting its selection box followed by the option "Edit" (see section 2.3 for details).
- You can delete existing records by selecting their selection boxes, followed by the option "Delete".

2.1.2 Maintain GedCom file data: load data

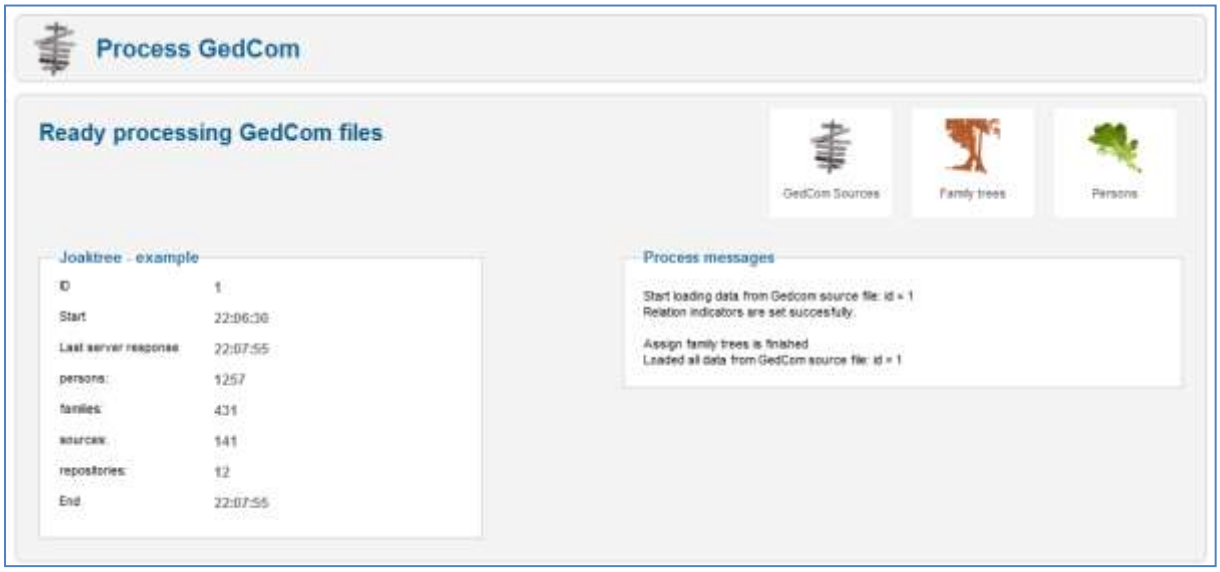
After you have created a record for your ***GedCom* file** and uploaded the actual ***GedCom* file** to your Joomla site, it is time to retrieve the data from your file and load it in the Joaktree component.

You perform this task by selecting the selection box of the record you want to process. This is – in case you have more than one record – the record containing the name and location of your actual ***GedCom* file**.

After selecting the selection box, select the option "process *GedCom*", and the Joaktree component will start processing the ***GedCom* file** using AJAX. You will first see the following view, where the moving loading circle shows the Joaktree component is reading and processing your *GedCom* file. During the process information and messages will appear telling you the status of the progress. Depending on the size of the file as well as the configuration of your server, this process may take a while.



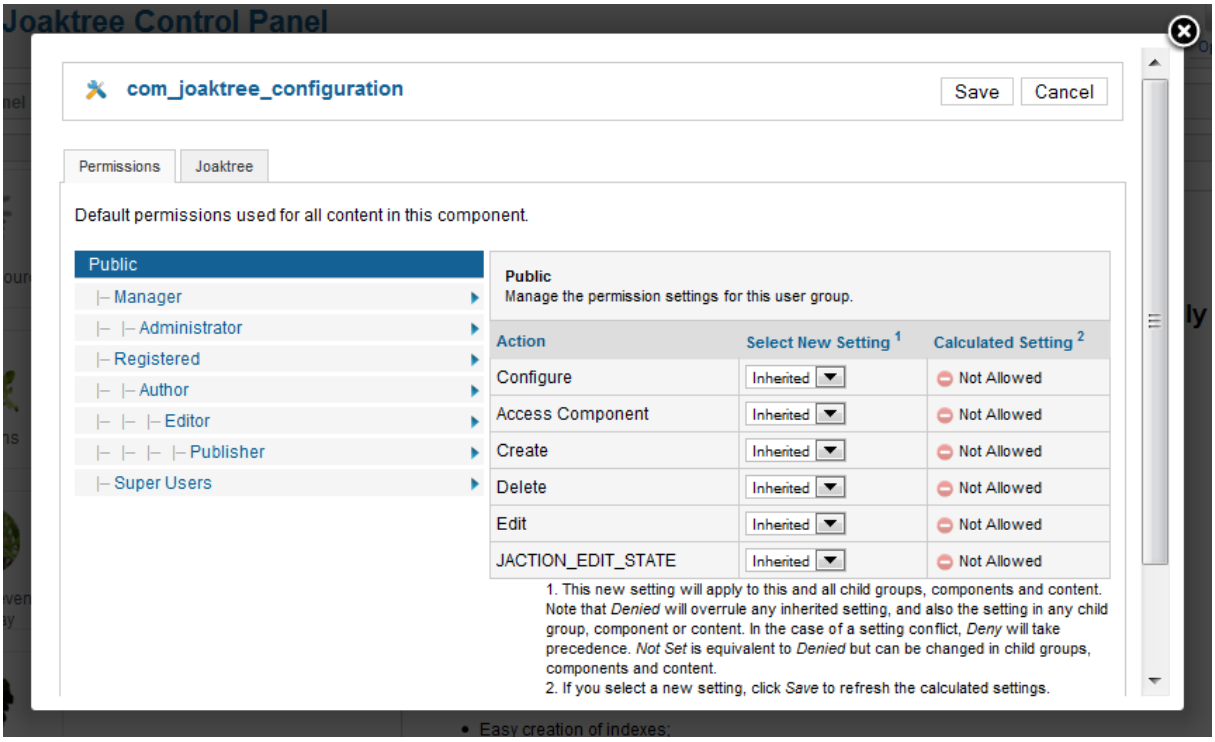
When the processing is done, the following information will be shown in the view. By clicking on either "GedCom Sources", "Family trees", or "Persons" you will navigate back to the selected view.



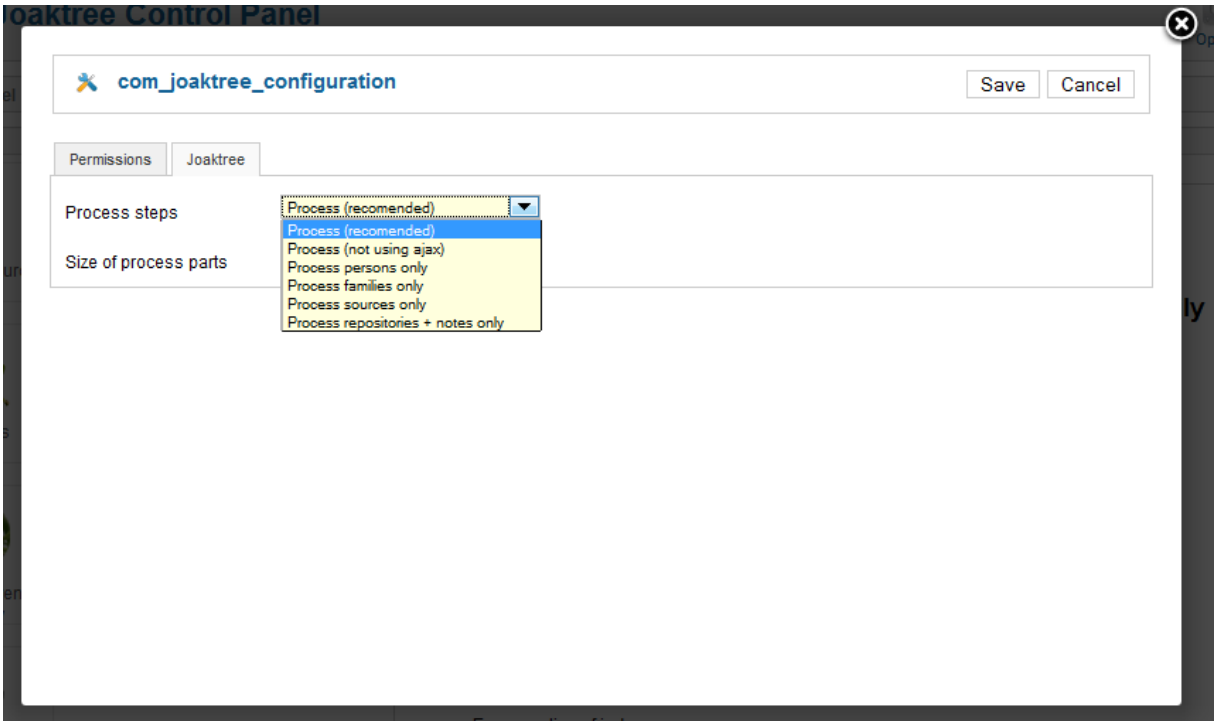
2.1.3 Maintain GedCom file data: load data (not using AJAX)

When your configuration does not allow you to use the AJAX technology, you have an alternative method for loading your *GedCom* file. However, this method does not support the processing of large files.

To use this method, you have to go to the "Control panel" and click on "Options". The following pop-up view will be shown.



Select the tab "Joaktree" and select for "Process steps" the value "Process (not using ajax)".



Save the options and go back to your GedCom sources.

Select the option "process *GedCom*", and the Joaktree component will start processing the ***GedCom* file** (not using AJAX). Depending on the size of the file as well as the configuration of your server, this process may take a while.

When the processing is done, you will see the following similar message.

Or

NOTE: The first time you perform this task, you probably will not have created a **Family Tree** yet. Therefore, no **Persons** from this file can be linked to a **Family Tree** yet, which is shown in the above message "Assign Family Tree found no trees to be assigned".
The assignment of the **Family Tree** will be done after the **Family Tree** is created.

2.1.4 Maintain GedCom file data: Advanced settings for loading data

Not using AJAX
In section 2.1.3 it is described how to go to the options for processing the *GedCom* file.

If problems arise during the processing of your *GedCom* file, you may want to process the *GedCom* file in steps, which are:

- Process persons only
- Process families only
- Process sources only
- Process repositories + notes only

In this situation, you have to select one step, process the file, select the next step, process the file again, etc. until you have processed all four steps.
Note: This processing uses the non-AJAX method. The AJAX method processes by design the GedCom file in steps.

Using AJAX
A second parameter you may want to change, is the setting of the compartment size of the AJAX method. Default it is set to 250, meaning that 250 persons, families, sources, and/or notes are loaded from your *GedCom* file at a time. By changing this number, you may be able to tweak the performance of the load process.

2.1.5 Maintain GedCom file data: delete data

You can also decide to remove all data related to a specific ***GedCom* file** from your Joaktree component.

You perform this task by selecting the selection box of the record you want to delete the data from, followed by the option "delete data". The Joaktree component will remove the data.

2.2 VIEW: CREATE NEW GEDCOM SOURCE

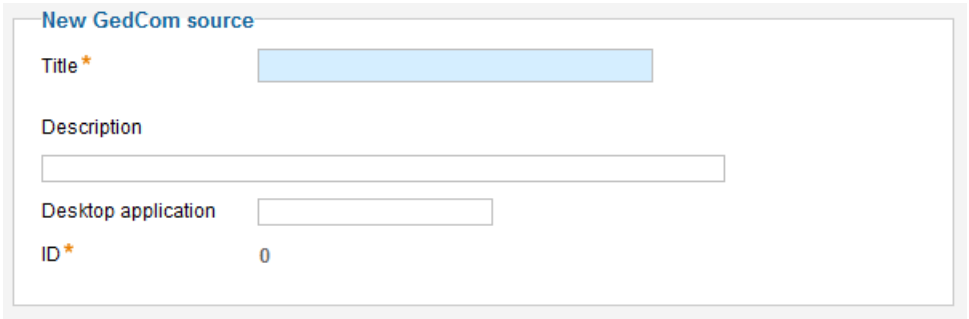
In this view you will create a new record for the ***GedCom* file**. You will need at least one of these records to continue processing your ***GedCom* file**. Having more than one record is an advanced feature (see section 2.4).

After you are done filling in these settings, you can save and close the view by selecting "Save & Close". Alternatively, you can leave this view without saving by selecting "Cancel", or you can just save your updates – without leaving the view – by selecting "Save".

This view consists of two blocks:

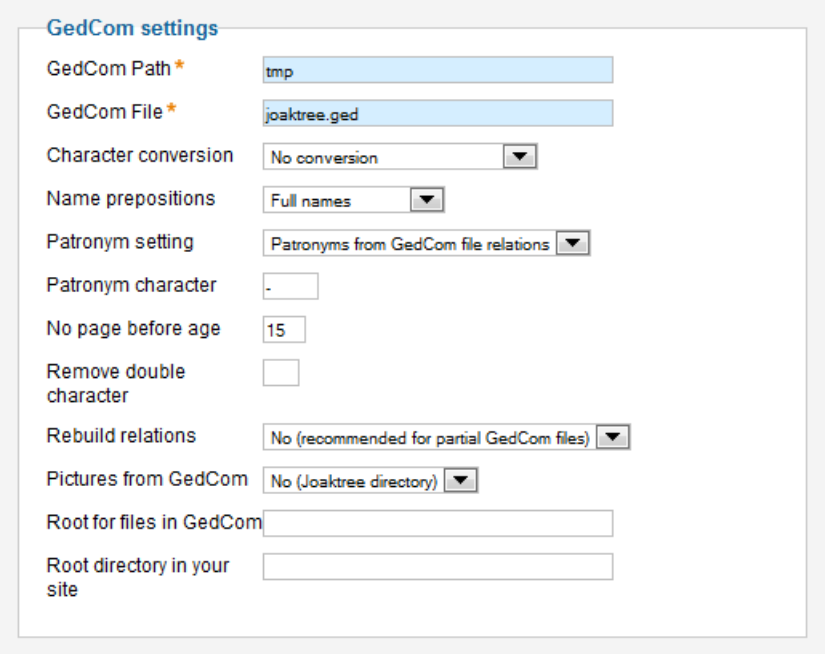
- New *GedCom* source;
- *GedCom* settings.

2.2.1 New GedCom source

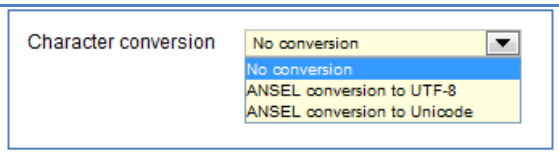
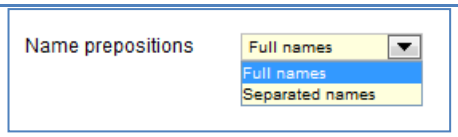
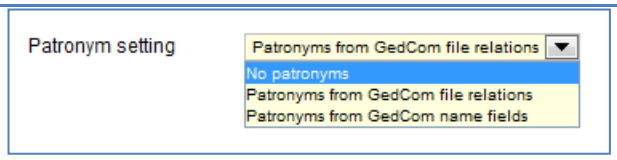


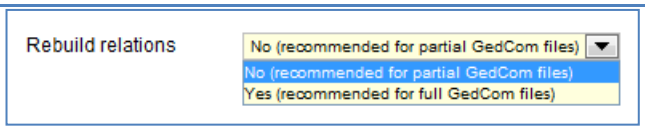
The fields "Title", "Description" and "Desktop application" are three fields which help you to identify the source of the ***GedCom* file**. The field "Title" is required and will be shown in other views on the administration site of the Joaktree component. None of these fields is shown on the client site.

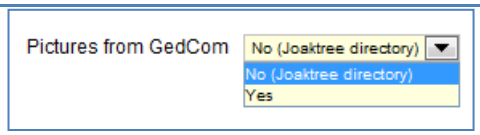
2.2.2 GedCom settings



The processing of your ***GedCom* file** will depend on the settings in this section. An explanation of these settings follows here.

#	Setting	Explanation
1.	*GedCom* Path	This is the directory location of your ***GedCom* file**. Default value is: tmp
2.	*GedCom* File	This is the name of your ***GedCom* file**. This name is case-sensitive.
3.	Character conversion	 When your ***GedCom* file** is generated with the ANSEL character set, which is the standard for ***GedCom* files**, you have to choose the option "ANSEL conversion to UTF-8". In all other cases, the option "No conversion" is the best choice.
4.	Name prepositions	 This setting is only of interest if your ***GedCom* file** contains **Dutch** family names. If this is not the case, just choose the default option "Full names". **Dutch** names sometimes contain prepositions for example, "van" in the name "van Dijk". In the ***GedCom* file** the last name is stored in one single field. You have the option to separate the **Dutch** preposition from the rest of the name. This will result in a different sorting of the names. ***Full names*** The names are not separated into different parts. The name "van Dijk" is alphabetized under the letter "V" and shown as "van Dijk". ***Separated names*** The names are separated into two parts. The name "van Dijk" is alphabetized under the letter "D" and shown as "Dijk, van" in alphabetized lists.
5.	Patronym setting	 This is an option to **store**, **show** and **search** on patronyms. **No patronyms**

#	Setting	Explanation
		Patronyms are not shown. **Patronyms from *GedCom* file relations** The Joaktree component takes the first name of the father from the ***GedCom* file** and stores this separately. • The patronym is shown in the list of names and can be searched (see example in section 9). • The patronym is shown after the first name of the **Person** separated by a specific character (see below), for example: Joe -Abraham- JONES **Patronyms from *GedCom* name fields** If you have - like the maker of this Joaktree component - stored the patronyms yourself in the name fields, you may want to use this option. If, for example, the first name is stored as "Joe -Abraham-", this option separates the first name "Joe" from the patronym "Abraham".
6.	Patronym character	If you have decided to show patronyms on your site (see above), you can define here the separation character(s) for showing and extracting the patronyms.
7.	No page before age	Children who died before the given age will automatically get the setting "No page" when they are newly loaded in the Joaktree component.
8.	Remove double character	Joaktree intends to show the data from your desktop application without any manipulation. However, some desktop applications create ***GedCom* files** with a series of multiple commas, for example: "St. Paul,,Minnesota,". If this is the case for your ***GedCom* file**, this feature will help you to eliminate the multiple comma string and replace it with a single comma, creating the result: "St. Paul,Minnesota". So, this option replaces a double comma (,,) with a single comma (,) and removes the final comma as well. It will also work for other characters. The default value (recommended) is to leave this value empty, and no data manipulation will take place. Otherwise, fill in a comma (,) or any other character you want to be manipulated.
9.	Rebuild relations	 Every time you synchronize an updated ***GedCom* file**, you have the

#	Setting	Explanation
		following choices. **No** This option is recommended if you upload a partial set of your genealogical data in your ***GedCom* file**. Existing relations stay unchanged (or are updated when necessary), and new relations are added for the existing **Persons**. *No relations are removed.* **Yes** This option is recommended if you upload a full set of your genealogical data in your ***GedCom* file**. All relations between **Persons** are removed and then added from the newly imported file.
10.	Pictures from *GedCom*	 You have the option to show pictures alongside your genealogical data. See also section 10.3 for more information about showing pictures. In order for pictures to be shown on your website, the following has to be done: (a) the pictures have to be stored on your site; (b) the Joaktree component has to know where the pictures are stored. **Background information** To store the pictures on your site, you again have two options. (1) *GedCom method* If you have linked your pictures in your desktop application to data (**Persons**), you can copy the directory structure and files from your local desktop to your site. Your ***GedCom* file** will also contain the location of your pictures, and the Joaktree component will use that information to find the pictures on your site. (2) *Joaktree method* Alternatively, you can use the Joaktree method. With this method, you have to create for every **Person** a directory on your site with a specific name. You have to store the pictures related to that **Person** in the directory. The Joaktree component will look for these directories to show the pictures.

#	Setting	Explanation
		Yes Choose value "Yes" if you want to use option (1) using the directory information from your ***GedCom* file**. If you choose this option, you also have to fill in values for the next two settings: "Root for files in *GedCom*" and "Root directory in your site". **No (Joaktree directory)** Choose value "No" if you want to use option (2) creating your own directories and storing the pictures in these directories.
11.	Root for files in *GedCom*	This setting should be filled in if you want to use the directory information – for pictures – from your ***GedCom* file**. The value you have to fill in is the so-called "root directory" where you have copied the pictures **FROM**. ***For example***, if all your pictures are stored in a directory "C:\database\picture" and in subdirectories from this directory, you will copy the full directory "C:\database\picture" (including all subdirectories and files) from your desktop to your site. Your ***GedCom* file** will contain information about the location of the pictures on your desktop, for example: `C:\database\picture\family1\grandfatherJoe.jpg` In this example, you will use the value "C:\database\picture" for this setting.
12.	Root directory in your site	This setting should be filled in if you want to use the directory information – for pictures – from your ***GedCom* file**. The value you have to fill in is the so-called "root directory" where you have copied the pictures **TO**. ***For example***, you can create a new directory "genealogy" on your site in the directory "images", and copy all subdirectories and pictures from your desktop to this newly created directory. The location of the picture of grandfather Joe will therefore be: `..\images\genealogy\family1\grandfaherJoe.jpg` In this example, you will use the value "images\genealogy" for this setting.

2.3 VIEW: EDIT GEDCOM SOURCE

In this view you can edit an existing record for the ***GedCom* file**. You will need at least one of these records to continue processing your ***GedCom* file**. Having more than one record is an advanced feature.

All features of this view are identical to the view "Create new *GedCom* source". Therefore, the instructions in section 2.2 apply to these features as well.

2.4 WORKING WITH MULTIPLE FILE SOURCES

2.4.1 Working with one desktop application

If you use just one desktop application and have stored all your data in one database, you will not need to work with multiple file sources.

Creating one ***GedCom* file source**, which represents your one database/one application situation, is sufficient here.

Whenever you want to **synchronize** your site with an update of the information in your desktop, you have to:

(1) generate a new ***GedCom* file** from your desktop application;
(2) upload the file to your site;
(3) process the file (see section 2.1.2) again.
(Since the file name is stored with the record, it is recommended that you use the same file name every time you create a new version of your ***GedCom* file**.)

2.4.2 Working with multiple sources for your GedCom

If you have ***GedCom* files** which have been created from different sources, you have to create a unique record for each source. Each unique record for a ***GedCom* file source** represents one independent source of data.

This may be the case if, for example:

(1) you use different desktop applications; or
(2) you use just one desktop application, but different data sets (for different **Family Trees**) within this application; or
(3) you have received different ***GedCom* files** from different people.

Data from these different sources cannot be mixed into one **Family Tree**. You have to create at least one **Family Tree** for every ***GedCom* file source** you have.

Whenever you want to **synchronize** your site with an update of the information, you have to:

(1) generate a new ***GedCom* file** from your desktop application;
(2) upload the file to your site;
(3) process the file (see section 2.1.2) again by selecting the correct source, which is related to that specific file. (Since the file name is stored with the record, it is recommended that you use the same file name every time you create a new version of your ***GedCom* file**.)

3 FAMILY TREES

The Joaktree component uses Joomla's Access Control List (ACL). There are two levels in which ACL is used: the **Family Tree** level and the Display Items level. Both levels use the ACL in combination with a "Published" or "Unpublished" setting.

This section describes the features of the **Family Tree**. It is important to know that, in combination with the "Published" / "Unpublished" setting, the ACL features apply to all **Persons** in the **Family Tree**.

3.1 VIEW: JOAKTREE FAMILY TREES

In this view you can maintain the different **Family Trees**.

You will need at least one of these **Family Trees** to show the data on your site.

3.1.1 Maintain Family Trees

- You can create new **Family Trees** by selecting the option "New" (see section 3.2 for details).
- You can edit an existing **Family Tree** by either clicking on its title or by selecting its selection box followed by the option "Edit" (see section 3.3 for details).
- You can delete existing **Family Trees** by selecting their selection boxes, followed by the option "Delete".
- You can modify the status of the **Family Tree** from "Published" to "Unpublished" (or vice versa) by clicking on the published icon.

  NOTE: If the **Family Tree** is unpublished, the **Persons** in the **Family Tree** are not shown on your site. However, if a specific **Person** is member of two **Family Trees**, and one of these **Family Trees** is published, this **Person** will be shown by his/her membership in the published **Family Tree**.

3.1.2 Assign Family Trees

After you have created, updated, deleted, published or unpublished a **Family Tree**, the Joaktree component automatically assigns or reassigns the **Persons** in your database to the existing **Family Trees**.

You can always perform this task manually, too, by selecting the selection box of the **Family Trees** you want to assign or reassign, followed by the option "Assign family tree".

When the processing is done, you will see the following similar message.

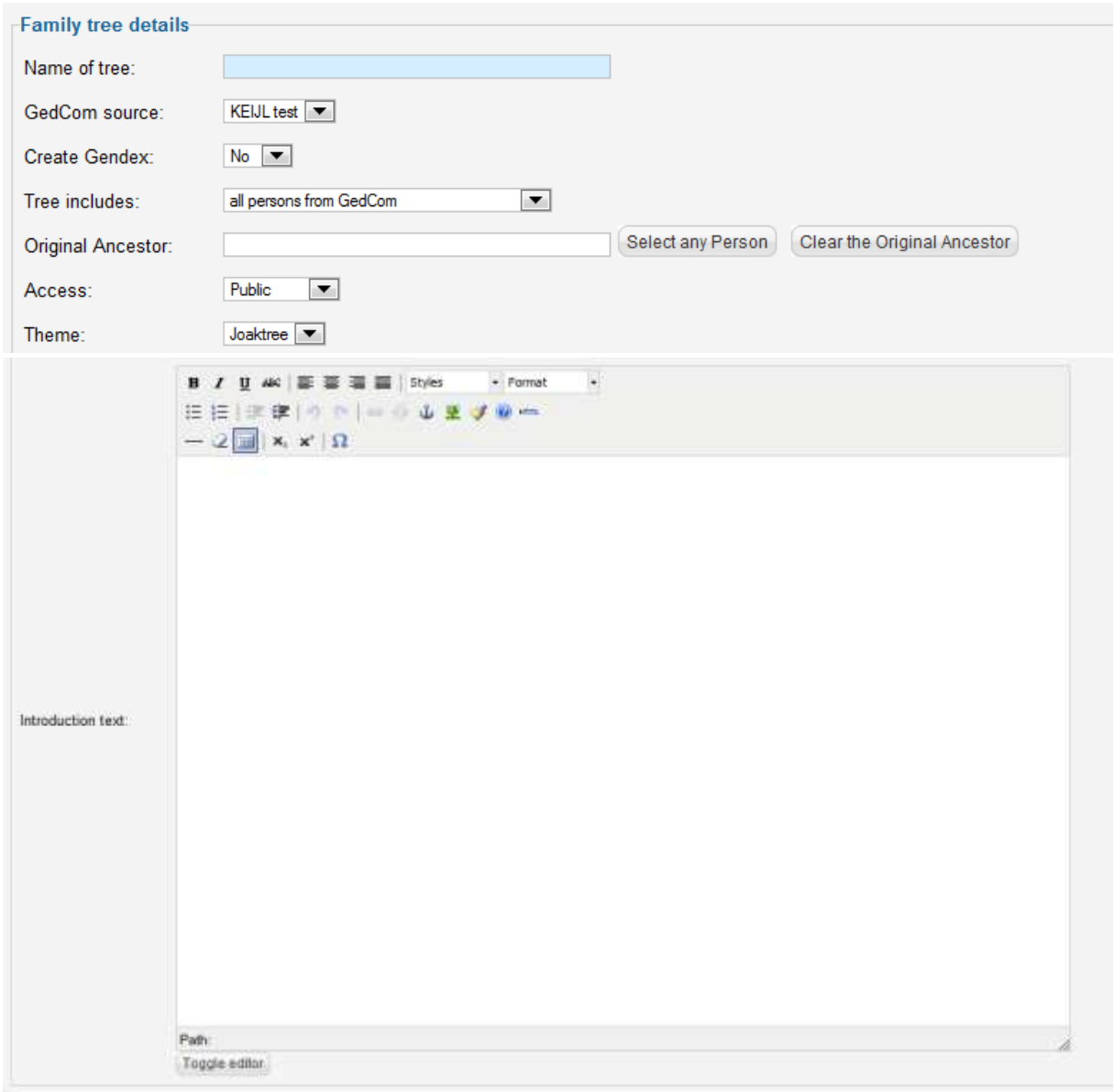
3.2 VIEW: CREATE NEW FAMILY TREE

In this view you will create a new **Family Tree**. You will need at least one of these **Family Trees** to show the data on your site.

After you are done filling in these settings, you can save the **Family Tree** and close the view by selecting "Save & Close". Alternatively, you can leave this view without saving by selecting "Back". If you save the **Family Tree**, the newly created **Family Tree** is saved as "Published".

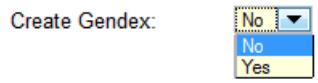
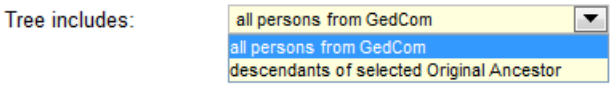
This view consists of one block.

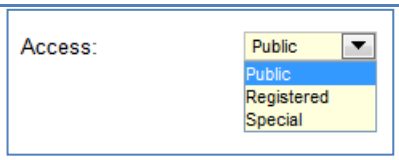
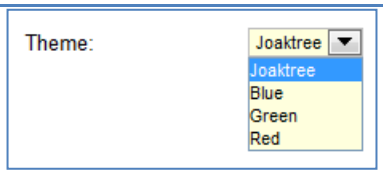
3.2.1 Family Tree details



The assignment of **Persons** to this **Family Tree**, as well as the display of the **Family Tree** on your site, depends on these settings. An explanation of these settings is given below.

#	Setting	Explanation
1.	Name of tree	The most logical choice for the name of the **Family Tree** is the family name of the descendants of the Original Ancestor, but you can choose any name, of course. This name will NOT be shown on your site.
2.	*GedCom* source	GedCom source: Joaktree - example (Joaktree - example) A **Family Tree** can only be related to one ***GedCom* file source**. On the other hand, a ***GedCom* file source** may contain more than one **Family Tree**.

#	Setting	Explanation
		Here you have to select for which ***GedCom* file** this **Family Tree** is meant.
3.	Create Gendex	 GENDEX (GENealogical inDEX) is a specification to export the index of a genealogical home page to a global name index service. Developed by Eugene W. Stark as a feature of his GEDCOM to HTML translator software, GED2HTML. Stark's GENDEX site originally accepted the GENDEX files until that site was retired in 2004, since then other sites have continued to support the format. See also: http://en.wikipedia.org/wiki/GENDEX You have the option to include (or exclude) this **Family Tree** in a Gendex.
4.	Tree includes	 After you have linked the **Family Tree** to a specific ***GedCom* file**, you have two options for the **Persons** in that file. **All Persons from GedCom** If you select this option, all **Persons** in the file will be members of this **Family Tree**. If you select this option, you will probably have only one **Family Tree** for every ***GedCom* file source**. **Descendants of selected Original Ancestor** If you select this option, only the **Persons** who are descendants of the selected Original Ancestor, plus their partners, will be members of this **Family Tree**. This most likely represents only some of the **Persons** in your ***GedCom* file**. Therefore, with this selection you probably will have more than one **Family Tree** for every ***GedCom* file source**.
5.	Original Ancestor	Here the name of the Original Ancestor is displayed. To select an Original Ancestor, you can click on the button "Select any person". To clear the displayed Original Ancestor, you can click on the button "Clear the Original Ancestor".
6.	Select any Person	After you click on the button "Select any Person", a pop-up view will be shown. In this view you can search for and select the **Person** you want to be the Original Ancestor for this **Family Tree**. If, for the option "Tree holds", the value "descendants of selected Original Ancestor" is selected, the descendants of this ancestor and their partners will be members of this **Family Tree**.
7.	Clear the Original	After you click on the button "Clear the Original Ancestor", the link between this **Family Tree** and the selected ancestor will be removed.

#	Setting	Explanation
	Ancestor	No name will be displayed in the field "Original Ancestor".
8.	Access	 You can give users access to the **Family Tree** based on which groups they are members of. This feature uses Joomla's access control.
9.	Theme	 You can select the **Theme** for this **Family Tree**. This feature allows you to modify display features for every **Family Tree** you want to display.
10	Introduction text	The introduction text will be shown on the **index view**. It may be left empty.

3.3 VIEW: EDIT FAMILY TREE

In this view you can edit an existing **Family Tree**. You will need at least one of these **Family Trees** to show the data on your site.

All features of this view are identical to the view "Create new Family Tree". Therefore, the instructions in section 2.2 apply to these features as well.

4 PERSONS

The Joaktree component uses Joomla's Access Control List (ACL). There are two levels in which ACL is used: the **Family Tree** level and the Display Items level. Both levels use the ACL in combination with a "Published" or "Unpublished" setting.

ACL and Published
This section describes the features of **Persons**. You cannot adjust Access Control for individual **Persons**, but you can set the setting of a **Person** to "Unpublished", so that this **Person** will not be shown in any of the views on your client site.

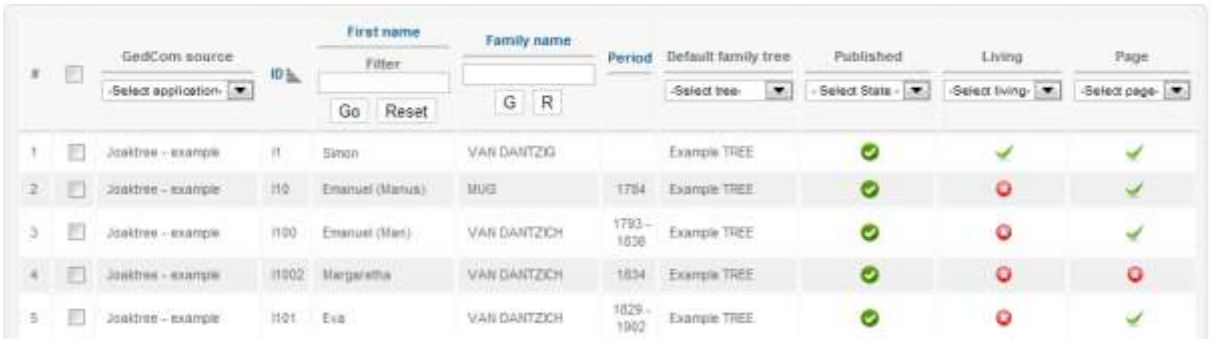
Living
Besides utilizing the setting "Published" / "Unpublished", the ACL, at the Display Items level, works closely with the setting "Living" of **Persons**. You will have the option to apply different Access Control to **Persons** who are marked as "Living".

Page
A third setting you can control for every **Person** is "Page". This setting is not meant for Access Control. The value "No page" results in no link to the **Person's** own page being shown. It is specifically meant for not having views (that is: pages) of **Persons** without any additional information, for example, children who died at a very young age. Visitors to your site do not need to navigate to a view for these **Persons**, and you can control this by giving these **Persons** a setting of "No page".

4.1 VIEW: JOAKTREE PERSONS

In this view you can maintain the settings for individual **Persons**.

4.1.1 Person settings: Published – Living - Page



All **Persons** in your Joaktree component have three settings: "Published", "Living", and "Page".

Published
If a **Person** is "Published", this Person can be displayed to people visiting your site. If a **Person** is "Unpublished", visitors will not be able to see this **Person**.

Living
If a **Person** is "Living" and is also "Published", the information shown for this **Person** may be different than if the **Person** is "Not living". Whether different information is shown or hidden for "Living" **Persons** will depend on the ACL settings for the Display Items.

Page
If a **Person** has a setting "Page" and is also "Published", a link for this **Person** will be shown, allowing your visitors to navigate to the **Person**'s page to view additional information – if available of course – about this **Person**.

Single Person update
The settings "Published", "Living", and "Page" can have the values "True" or "False", and can be manipulated in this view by clicking on the icons. This will switch the specific setting for the selected **Person** from "True" to "False", or vice versa.

Multiple Person update

The settings "Published", "Living", and "Page" can also be set for a selection of **Persons**. You can do this by selecting the selection boxes of the **Persons** whom you want to change the settings of, followed by one of these options: "Publish all", "Unpublish all", "Living all", "Not living all", "Page all", or "No page all".

NOTE: If you update these settings, they will NOT be changed when you synchronize a new ***GedCom* file**.

4.1.2 Processing GedCom file: Published – Living - Page

The three settings "Published", "Living", and "Page" will also be set for new **Persons**, who are added to the Joaktree component when you load your ***GedCom* file**.

Published
All newly added **Persons** have a default value of "Published".

Living
The following **Persons** are set as "Not living":

- **Persons** with any information about death, burial, cremation or Yahrzeit;
- **Persons** without information about death, burial, cremation or Yahrzeit, but who have a birth date, christening date, baptism date, adult christening date,

circumcision date, bar/bas mitzvah date, or blessing date that is 100 years before the current year.

All other **Persons** are automatically set as "Living".

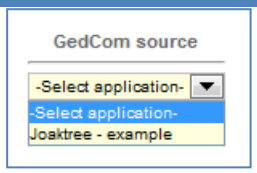
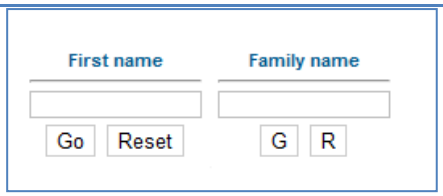
Page
Persons who have a year of birth and a year of death, and the difference between these years is less than the setting "No page before age", are set as "No page". All other **Persons** are automatically set as "Page".

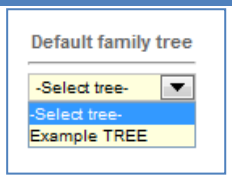
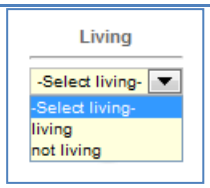
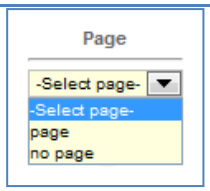
4.1.3 Filtering and sorting

This view shows all **Persons** in your Joaktree component. Because this may be a long list, the information in this view can be filtered and sorted, allowing you to easily find the **Person** or **Persons** you want to modify the settings of.

Sorting
This view uses the common Joomla feature of sorting. You can sort the list of **Persons** by either clicking on "ID", "First name", "Family name", or "Period".

Filtering
You can choose to show only a selected set of **Persons** by using one or more of the filters described in the table below.

#	Filter	Explanation
1.	*GedCom* source	 This filter helps you to show only **Persons** which come from a specific ***GedCom* file source**. You can select any of the ***GedCom* file sources** you created.
2.	First name; Family name	 By typing any text string and then pressing the "Go" (or "G") button, you will see only **Persons** who have the given text string as part of their First name or Family name.

#	Filter	Explanation
3.	Default family tree	 This filter helps you to show only **Persons** whose default **Family Tree** is the selected **Family Tree**.
4.	Published	 This filter helps you to show only **Persons** with either the setting "Published" or "Unpublished".
5.	Living	 This filter helps you to show only **Persons** with either the setting "Living" or "Not living".
6.	Page	 This filter helps you to show only **Persons** with either the setting "Page" or "No page".

5 DISPLAY SETTINGS

The Joaktree component uses the Access Control List (ACL) of Joomla. There are two levels in which ACL is used: the **Family Tree** level and the Display Items level. Both levels use the ACL in combination with a "Published" or "Unpublished" setting.

This section describes the features of the Display Items. It is important to know that the ACL features work in combination with the "Published" / "Unpublished" and "Living" / "Not living" setting of an individual **Person**.

There are three views for Display Items: Person Event Display, Name Display, and Relation Event Display.

In these views you can set which of the events or names you want to be shown on your site and which users are authorized to see them. In other words, you are able to show different events or names to different users depending on their access level.

Furthermore, there is a distinction between the events and names of "Living" **Persons** versus "Not living" **Persons**, making it possible to have a higher Privacy Filter for "Living" **Persons**.

In Appendix A, all events and names which are supported by Joaktree are shown.

5.1 VIEW: NAME DISPLAY

For every ***name type*** you can set the following attributes.

Order
You can change the order in which the published *name types* are shown on your site.

Published
If a *name type* is not published, this *name type* is never shown on your site. It is totally hidden. Therefore, the settings for the other parameters have no additional effect on the appearance of this *name type*. They are only valid if the *name type* is "Published".

Access level
The general access level for *deceased* **Persons** is set with this setting. If the *name type* is "Published", it will be shown to users in groups having the selected access level, provided the **Person** is marked as "Not living".

Access living Person

The specific access level for *living* **Persons** is set with this setting. If the *name type* is "Published", it will be shown to users in groups having the selected access level, provided the **Person** is marked as "Living".

Alternative text
An alternative text (for example, the word "living") is shown only for *living* **Persons**. If the *name type* is "Published", it will be shown to users in groups having the selected access level under two conditions: (a) the **Person** is marked as "Living", and (b) the user is not in a group having access to the actual value (see above: Access living **Person**).

5.2 PRIVACY FILTER

The first *name type* "Name" acts as a so-called Privacy Filter. This *name type* sets the display of the **name** itself. The settings of this *name type* help you to hide **Persons** marked as "Living" partially or totally on your site.

Name: Published or unpublished?
The **name** – like all other *name types* – can also be unpublished. However, setting the status to "Unpublished" will result in no names being shown in your **Family Tree**, which is most likely not your intention. Therefore, this *name type* should always be **published**!

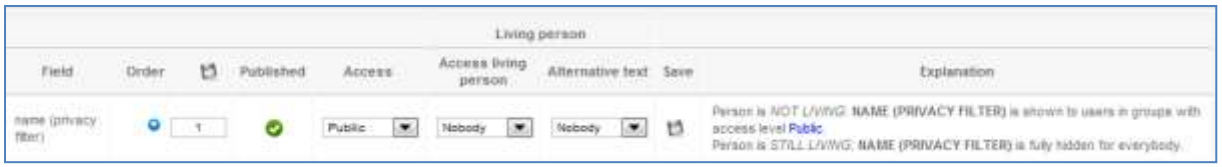
Name: Access?
The access level of **name** is closely related to the access level of the **Family Tree**.
If the user is authorized to view the **Family Tree**, but is not authorized to view the **names**, the user will see a **Family Tree** without any **names**. This result is most likely not your intention, and therefore this *name type* should always have the same access level as is set for your **Family Tree**. It is recommended that this *name type* always have the access level "public", and that you manage the authorization of your **Family Tree** by setting its access level.

Privacy Filter: Access living Person – Alternative text?
The access level of **name** – for living **Persons** – serves as the *Privacy Filter*.
You have the following options:

- Do not show any names of living **Persons** in your **Family Tree** for a specific access level. This **hides** all living **Persons** for users in groups with that access level.
- Show an **alternative text** (for example, the word "living") instead of the actual name to users in groups with that access level.
  NOTE: The actual text is set in your language file, for example: en-GB.com_joaktree.ini.
- Show the **full names** of living **Persons** to users in groups with that access level.

5.2.1 Privacy Filter: Hide living persons

In the first example, the *name type* "name" is published, it has access level "public" for deceased **Persons**, it has access level "nobody" for living **Persons**, and the alternative text is shown to "nobody".



NOTE: The final column shows the effect of the combination of settings.

The result of these settings for any user visiting your site and wanting to view a specific living **Person's** details is shown below.

5.2.2 Privacy Filter: Show alternative text

In the second example, the *name type* "name" is published, it has access level "public" for deceased **Persons**, it has access level "nobody" for living **Persons**, and the alternative text is shown to "public".

NOTE: The final column shows the effect of the combination of settings.

The result of these settings for any user visiting your site and wanting to view a specific living **Person's** details is shown below.

5.2.3 Privacy Filter: No filter

In the third example, the *name type* "name" is published, it has access level "public" for deceased **Persons**, it has access level "public" for living **Persons**, and the alternative text is shown to "nobody".

NOTE: The final column shows the effect of the combination of settings.

The result of these settings for any user visiting your site and wanting to view a specific living **Person's** details is shown below.

5.3 VIEW: PERSON EVENT DISPLAY

For every *person event* you can set the following attributes.

Order
You can change the order in which the published *events* are shown on your site.

Published
If an *event* is not published, this *event* is never shown on your site. It is completely hidden. Therefore, the settings for the other parameters have no additional effect on the appearance of this *event*. They are only valid if the *event* is "Published".

Access level
The general access level for *deceased* **Persons** is set with this setting. If the *event* is "Published", it will be shown to users in groups having the selected access level provided the **Person** is marked as "Not living".

Access living Person
The specific access level for *living* **Persons** is set with this setting. If the *event* is "Published", it will be shown to users in groups having the selected access level provided the **Person** is marked as "Living".

Alternative text
An alternative text (for example, the word "living") is shown only for *living* **Persons**. If the *event* is "Published", it will be shown to users in groups having the selected access level under two conditions: (a) the **Person** is marked as "Living", and (b) the user is not in a group having access to the actual value (see above: Access living **Person**).

5.3.1 Example 1: Not showing "birth" for living persons

In the first example, the *event* "birth" is published, it has access level "public" for deceased **Persons**, it has access level "special" for living **Persons**, and the alternative text is shown to "nobody".

NOTE: The final column shows the effect of the combination of settings.

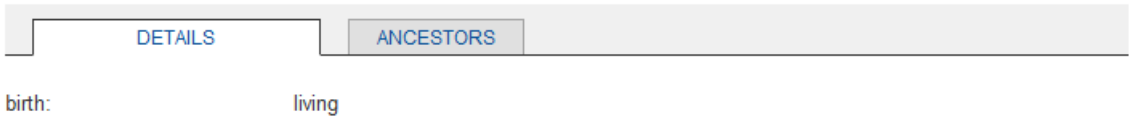
The result of these settings for a non-registered user (that is: a user in a group with access value "public") visiting your site is shown below.

5.3.2 Example 2: Not showing the birth date of living persons

In the second example, the *event* "birth" is published, it has access level "public" for deceased **Persons**, it has access level "special" for living **Persons**, and the alternative text is shown to "public".

NOTE: The final column shows the effect of the combination of settings.

The result of these settings for a non-registered user (that is: a user in a group with access value "public") visiting your site is shown below.

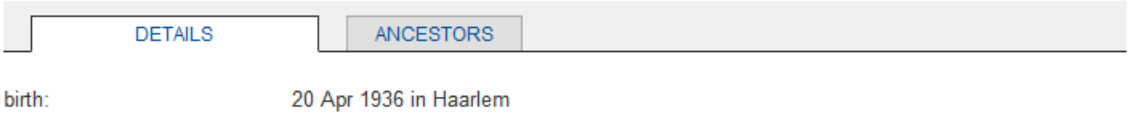


5.3.3 Example 3: Showing the birth date of living persons

In the third example, the *event* "birth" is published, it has access level "public" for deceased **Persons**, it has access level "public" for living **Persons**, and the alternative text is shown to "nobody".

NOTE: The final column shows the effect of the combination of settings.

The result of these settings for a non-registered user (that is: a user in group with access value "public") visiting your site is shown below.



5.4 VIEW: RELATION EVENT DISPLAY

For every *relation event* you can set the following attributes.
NOTE: If either of the two **Persons** in the relation has a setting "Living", the Access Control for living **Persons** is followed.

Order
You can change the order in which the published *events* are shown on your site.

Published
If an *event* is not published, this *event* is never shown on your site. It is completely hidden. Therefore, the settings for the other parameters have no additional effect on the appearance of this *event*. They are only valid if the *event* is "Published".

Access level
The general access level for *deceased* **Persons** is set with this setting. If the *event* is "Published", it will be shown to users in groups having the selected access level provided both **Persons** are marked as "Not living".

Access living Person
The specific access level for *living* **Persons** is set with this setting. If the *event* is "Published" it will be shown to users in groups having the selected access level provided at least one of the **Persons** is marked as "Living".

Alternative text
An alternative text (for example, the word "living") is shown only for *living* **Persons**. If the *event* is "Published", it will be shown to users in groups having the selected access level under two conditions: (a) at least one of the **Persons** is marked as "Living", and

(b) the user is not in a group having access to the actual value (see above: Access living **Person**).

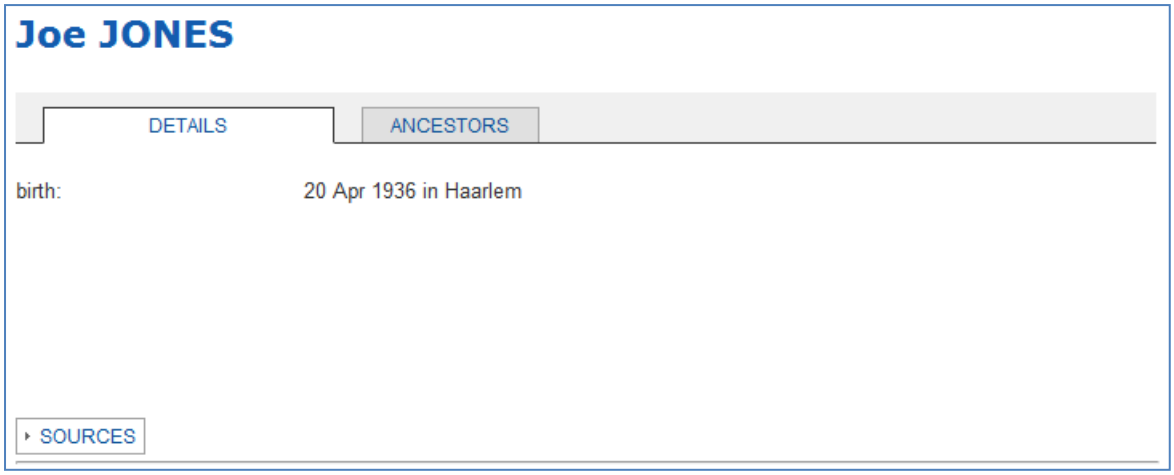
5.5 SOURCES

Source information about your genealogical data can be shown on two levels. You can show source information for every Display Item, and you can show the combined source information for the **Person** in one display box.

5.5.1 Showing combined source information for a Person

If you want to show combined source information for a **Person**, you have to navigate to the Person Event Display View (see section 5.3) and look for the Display Items "source". Like all other Display Items, you can modify the settings of this Display Item according to your own needs for Access Control.
NOTE: Showing an alternative text instead of the actual source information is not recommended, because this does not add any use for your visitor. It is better to hide the source.

The result of these settings for "source" is that a button is displayed in front of the value, as shown below.



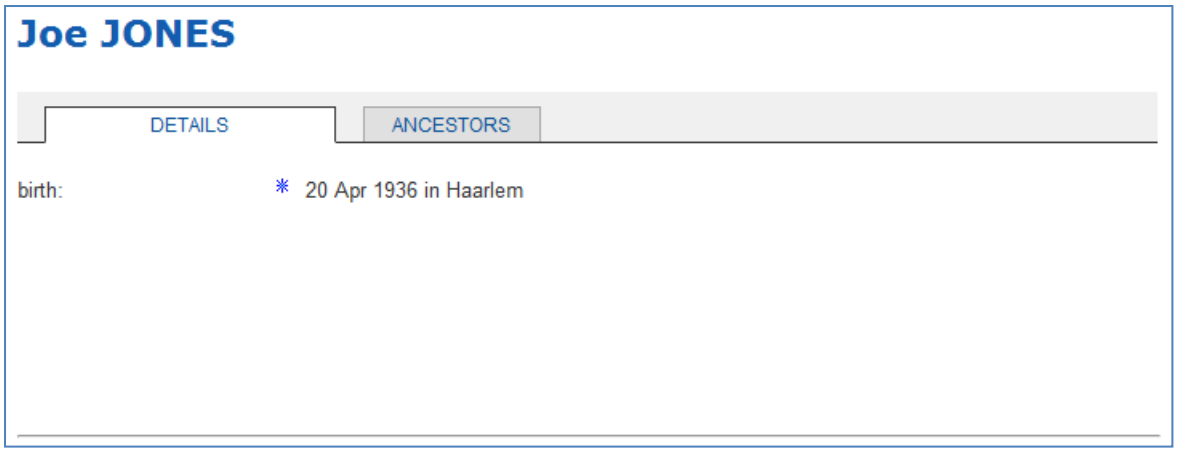
When a visitor clicks on the button, all source information related to this **Person** is displayed in a display box, an example of which is shown below.

5.5.2 Showing source information for Person Events

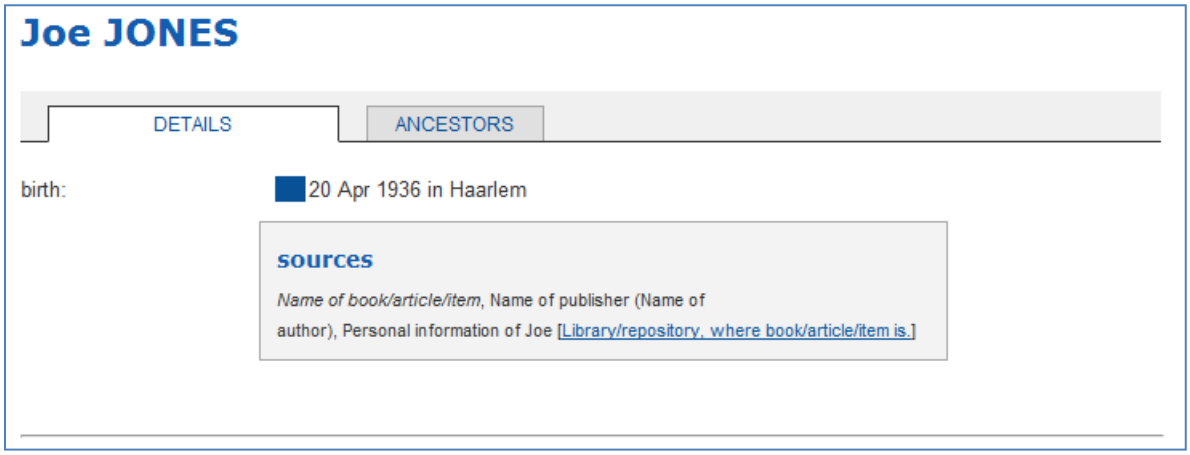
If you want to show source information for Person Events, you have to navigate to the Person Event Display View (see section 5.3) and look for the Display Items "source (for event)". Like all other Display Items, you can modify the settings of this Display Item according to your own needs for Access Control.

NOTE: Showing an alternative text instead of the actual source information is not recommended, because this does not add any use for your visitor. It is better to hide the source.

The result of these settings is that an icon (*) is displayed in front of the value, as shown below.



If a visitor moves the mouse cursor over the icon, the source information related to this name type is displayed in a pop-up text area, an example of which is shown below.



5.5.3 Showing source information of Name Types

If you want to show source information for name types, you have to navigate to the Name Display View (see section 5.1) and look for the Display Item "source". Like all other Display Items, you can modify the settings of this Display Item according to your own needs for Access Control.

NOTE: Showing an alternative text instead of the actual source information is not recommended, because this does not add any use for your visitor. It is better to hide the source.

The result of these settings is that an icon (*) is displayed in front of the value, as shown below.

If a visitor moves the mouse cursor over the icon, the source information related to this name type is displayed in a pop-up text box, an example of which is shown below.

5.5.4 Showing source information for Relation Events

If you want to show source information for Relation Events, you have to navigate to the Relation Event Display View (see section 5.4) and look for the Display Items "source (for event)". Like all other Display Items, you can modify the settings of this Display Item according to your own needs for Access Control.

For further details about the functionality of this setting, you can read section 5.5.2 regarding showing source information for Person Events.

NOTE: If either of the two **Persons** in the relation has a setting "Living", the Access Control for living **Persons** is followed.

5.6 NOTES

Notes from your ***GedCom* file** exist on two levels; there are notes which are related to a **Person** or relationship, and there are notes which are related to an event (Person Event or Relation Event).

The Joaktree component has the following functionality with respect to notes:

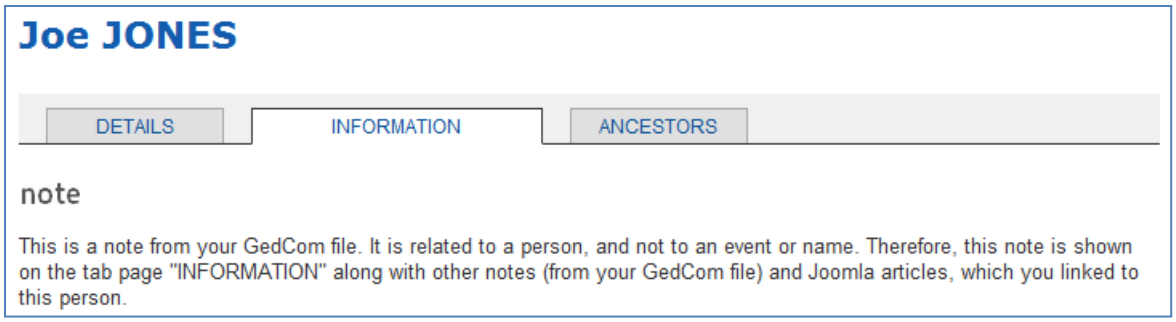
- Notes related to a **Person** are shown in a separate tab page;
- Notes related to a Person Event or Relation Event are shown in a pop-up;
- Notes related to a relationship cannot be displayed.

5.6.1 Showing notes related to a Person

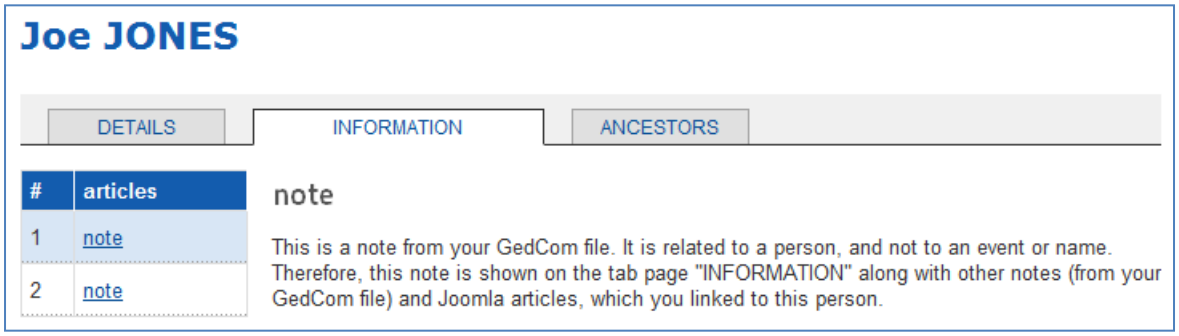
If you want to show notes for a **Person**, you have to navigate to the Person Event Display View (see section 5.3) and look for the Display Items "note". Like all other Display Items, you can modify the settings of this Display Item according to your own needs for Access Control.
NOTE: Showing an alternative text instead of the actual note is not recommended, because this does not add any use for your visitor.. It is better to hide the note.

The result of these settings for "note" is that an extra tab page "INFORMATION" is displayed, as shown below.

If a visitor navigates to the tab page "INFORMATION", all source information related to this **Person** is displayed in a display box, an example of which is shown below in the situation in which there is exactly one note and no Joomla articles.



If there is more than one note / Joomla articles, an additional list of notes/articles is shown, as shown in the example below.



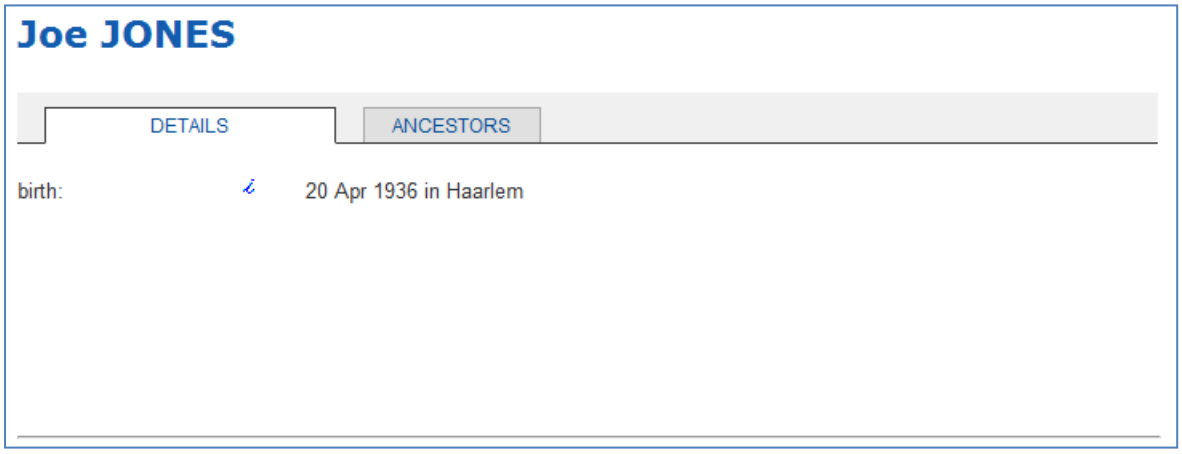
Because notes from your ***GedCom* file** generally have no titles, you can use the setting "length of note title" to create a title from the first sentence of the note, as shown in the example below.

5.6.2 Showing notes related to a Person Event

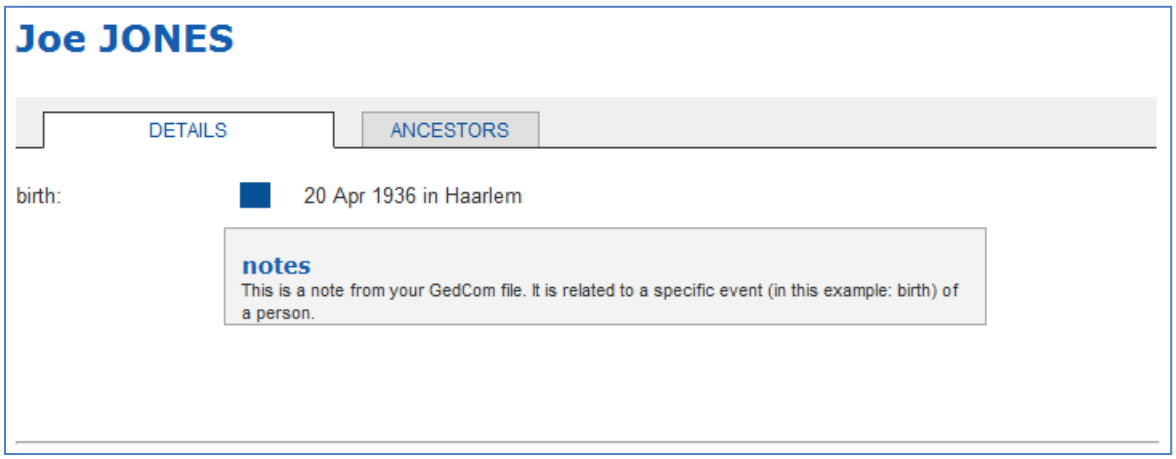
If you want to show notes for Person Events, you have to navigate to the Person Event Display View (see section 5.3) and look for the Display Items "note (for event)". Like all other Display Items, you can modify the settings of this Display Item according to your own needs for Access Control.

NOTE: Showing an alternative text instead of the actual note is not recommended, because this does not add any use for your visitor.. It is better to hide the note.

The result of these settings is that an icon (*i*) is displayed in front of the value, as shown below.



If a visitor moves the mouse cursor over the icon, the note related to this event is displayed in a pop-up text box, an example of which is shown below.



5.6.3 Showing notes related to a Relation Event

If you want to show notes for relation Events, you have to navigate to the Relation Event Display View (see section 5.4) and look for the Display Items "note (for event)". Like all other Display Items, you can modify the settings of this Display Item according to your own needs for Access Control.
NOTE: Showing an alternative text instead of the actual note is not recommended, because this does not add any use for your visitor.. It is better to hide the note.

For further details about the functionality of this setting, you can read section 5.6.2 regarding showing notes for Person Events.

NOTE: If either of the two **Persons** in the relation has a setting "Living", the Access Control for living **Persons** is followed.

6 THEMES

6.1 VIEW: JOAKTREE THEMES

In this view you can maintain the different **Themes**.

You will need at least one **Theme** to show the data on your site. There are four default **Themes**, which you can change according to your own taste and wishes, or can use as a basis for new **Themes**.

6.1.1 Maintain Themes

- You can create new **Themes** by selecting the option "New" (see section 6.2 for details).
- You can edit the settings of an existing ***Theme*** by either clicking on its title or by selecting its selection box, followed by the option "Edit" (see section 6.3 for details).
- You can edit the CSS by selecting its selection box, followed by the option "Edit CSS" (see section 6.4 for details).

- You can set one **Theme** to be the default **Theme** by either clicking on its default icon or by selecting its selection box, followed by the option "Set default".

- You can delete existing **Themes** by selecting their selection box, followed by the option "Delete". However, you cannot delete the **Theme** set as the default **Theme**.

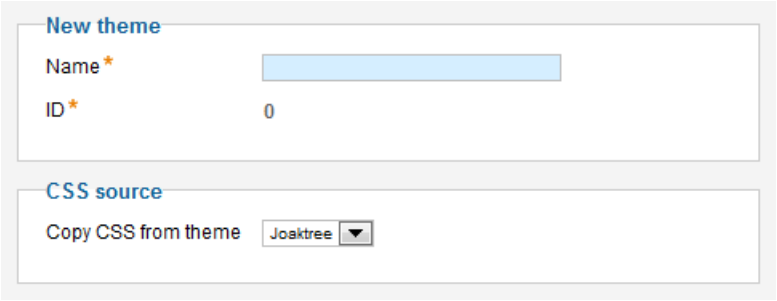
6.2 VIEW: CREATE NEW THEME

In this view you will create a new **Theme**. You will need at least one **Theme** to show the data on your site.

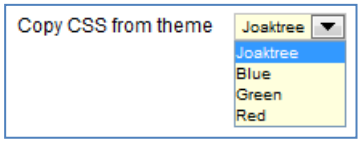
After you are done filling in these settings, you can save and close the view by selecting "Save & Close". Alternatively, you can leave this view without saving by selecting "Cancel", or you can just save your updates – without leaving the view – by selecting "Save".

This view consists of three blocks.

6.2.1 New Theme & CSS Source

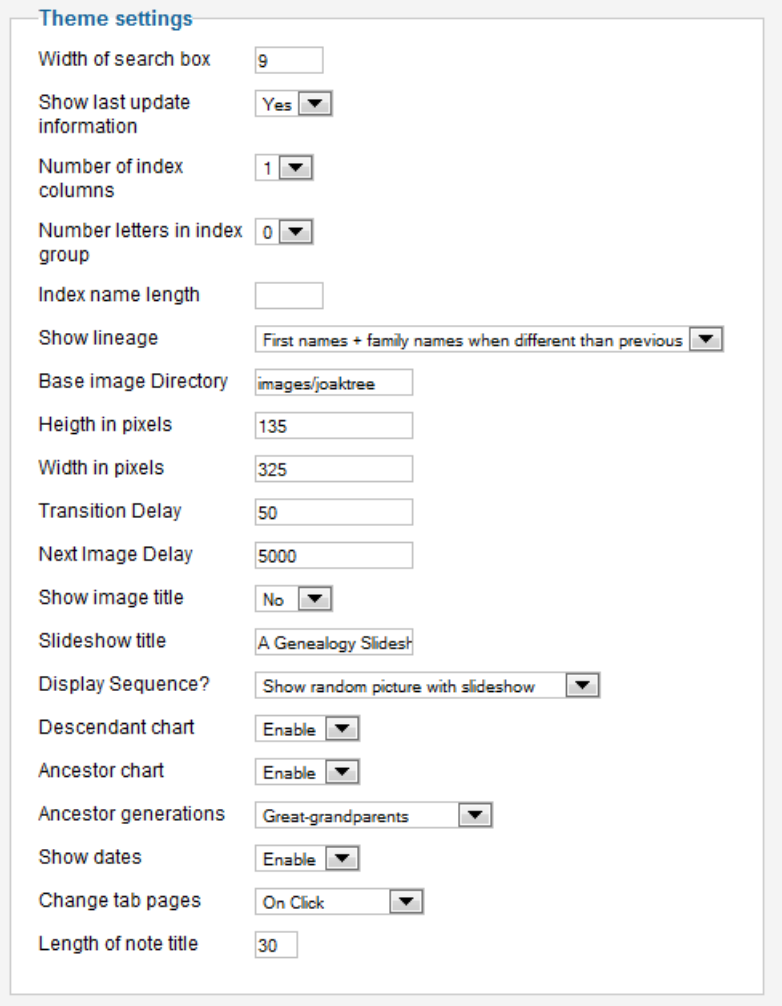


"Name" is a field which helps you to identify the **Theme**. This is a required field and will be shown in other views on the Joaktree component's administration site. This field is not shown on the client site.

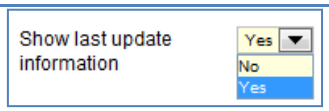
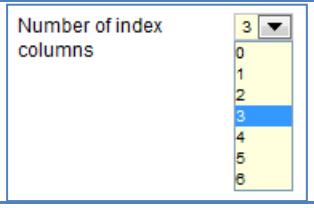


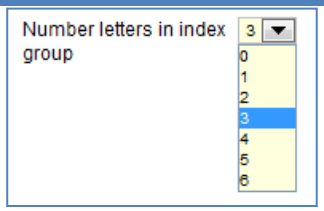
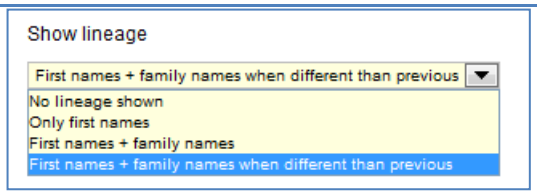
If you create a new **Theme**, a new CSS-file has to be created for this **Theme** as well. The Joaktree component will do this by making a copy from an existing CSS **Theme** file. In the block "CSS source", you can choose which existing CSS **Theme** file will be copied for the new **Theme**.

6.2.2 Theme settings

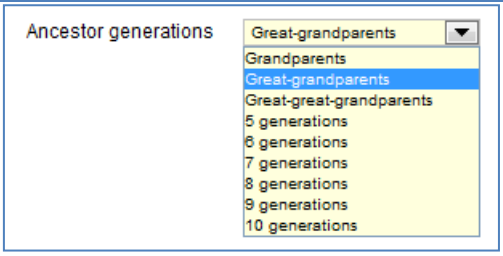
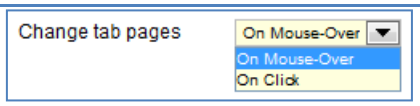


How your genealogical data is displayed on your site will depend on the settings of the selected **Themes**. These settings are listed below, with an explanation of each setting.

#	Setting	Explanation
1.	Width of search box	Here you edit the width of the search box in the Search list. Default value is: 10 This parameter is solely intended to optimize the look and feel of your own template.
2.	Show last update information	 In the left corner of the Joaktree views, the last update (date) is shown or not shown, depending on this setting.
3.	Number of index columns	 Here you set the number of columns for your Index view. If you do not want to show an index, choose the value 0.

#	Setting	Explanation
4.	Number of letters in index group	 Here you have an option to group index letters together on the Index view. For example, value 3 will show letters [A, B, C] together, followed by letters [D,E,F] and so forth. If you want every letter separately shown in your index, choose the value 0 (meaning: no letter group).
5.	Index name length	To solve a problem with very large indexes, you can abbreviate the names in the index to a certain length. If this field is empty or zero, no abbreviation will takes place. This is the default setting. If you have problems with your index page, you can fill in a number in order to shorten your index page.
6.	Show lineage	 If the **Family Tree** includes only the descendants of an Original Ancestor, you can, at the top of every Person view, show how that **Person** descends from the **Family Tree's** Original Ancestor. This tracing line (lineage) can be very long, and there are a couple of options as to how this line is shown. You have four options: • Do not shown any information tracing the **Person** back to the Original Ancestor; • Show only First names; • Show Full names (that is: First names and Family names); • Because a line of Full names may be too long, you can choose to show only the Family name if this changes from one generation to the next.
7.	Base image directory	This is the directory in which all other directories with pictures are located. See also section 10.3 for more information about showing pictures.
8.	Height in pixels	This is the maximum height of the pictures. If either the height or the width is empty or 0, the sizes of the picture itself are taken.
9.	Width in pixels	This is the maximum width of the pictures. If either the height or the width is empty or 0, the sizes of the picture itself are taken.
10.	Transition delay	This is the transition delay in milliseconds in showing two pictures if the option "sorted" or "shuffled" is chosen.
11.	Next image delay	This is the delay in milliseconds in showing two pictures if the option "sorted" or "shuffled" is chosen.
12.	Show image title	This is the option for showing the title of the picture. The title is the file name of the picture taken to the first dot. For example: if the file name is "grandfather Abraham.1.jpg", the title is shown as

#	Setting	Explanation
		"grandfather Abraham".
13.	Slideshow title	This is text which is shown if the viewer has JavaScript disabled in his/her browser.
14.	Display sequence	 There are the following options for this parameter: **Disable** No pictures are shown. **Sorted** If more than one picture is located in the directory, the pictures can be shown in a slide show. The order in which the pictures are shown is sorted alphabetically. No titles are shown in a slide show. **Shuffle** If more than one picture is located in the directory, the pictures can be shown in a slide show. The order in which the pictures are shown is shuffled every time. No titles are shown in a slide show. **Show random picture with slideshow** If more than one picture is located in the directory, only one of the pictures is shown. The picture is selected randomly. If this option is chosen, a visitor to your site can click on the image to view a full-size slideshow containing all pictures in the directory. **Show random picture without slideshow** If more than one picture is located in the directory, only one of the pictures is shown. The picture is selected randomly. If this option is chosen, a visitor to your site can click on the image to view a full-size version of the picture. The other pictures in the directory cannot be viewed at that time.
15.	Descendant chart	 The Descendant chart can be accessed directly from the **Person** details page, as well as used as a separate menu item. If you do not want to use this view, you can turn it off by disabling the Descendant chart with this setting.
16.	Ancestor chart	 The Ancestor chart can be accessed directly from the **Person** details page, as well as used as a separate menu item. If you do not want to use this view, you can turn it off by disabling the Ancestor chart with this setting.

#	Setting	Explanation
17.	Ancestor generations	 If you decide to show your Ancestor chart, you can choose how many (maximum number) generations you want to show in this chart. Joaktree will show fewer generations than you indicate here if the number of ancestor generations for the given **Person** is smaller.
18.	Show dates	 You can show birth dates and dates of death in the Ancestor chart.
19.	Change tab pages	 You can set the method by which a user switches between the different tab pages. It is either by clicking on a tab or by moving the mouse over a tab.
20.	Length of note title	Notes in your GedCom file do not have a title in most cases. Joaktree can take the first sentence of your note, and show it as a title. Here you can set how many letters of that first sentence are used for that title. If you choose 0, a general title "note" is shown instead.

6.3 VIEW: EDIT THEME

In this view you can edit an existing **Theme**. You will need at least one of these **Themes** to show the data on your site.

All features of this view are identical to the view "Create new Theme". Therefore, you can read about these features in section 6.2.

6.4 VIEW: EDIT CSS

In this view you can edit the CSS file of an existing **Theme**.

After you are done with editing the CSS file, you can save and close the view by selecting "Save & Close". Alternatively, you can leave this view without saving by selecting "Cancel", or you can just save your updates – without leaving the view – by selecting "Save".

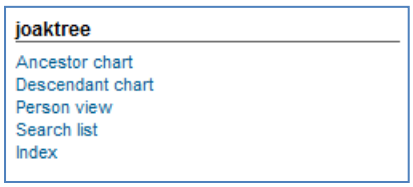
This view consists of one block.

6.4.1 Editor for a Theme CSS

This view is an editor for the CSS file of the selected **Theme**.

7 JOAKTREE VIEWS AND MENU OPTIONS

The Joaktree component has five different views available which can be linked to a menu item.



1. **Index**
   Shows an index of published family names for the **Family Tree** indicated. The introduction text for the **Family Tree** is also shown.

2. **Search list**
   Shows a search list of **Persons** for the **Family Tree** indicated. The user can filter (search) by name (First name, Family name, or Patronym) and order by name.

3. **Person view**
   Shows the default layout for one selected **Person**.

4. **Ancestor chart**
   Shows a table of the ancestors for one selected **Person**.

5. **Descendant chart**
   Shows a list of descendants for one selected **Person**.

7.1 INDEX AND SEARCH LIST OPTIONS

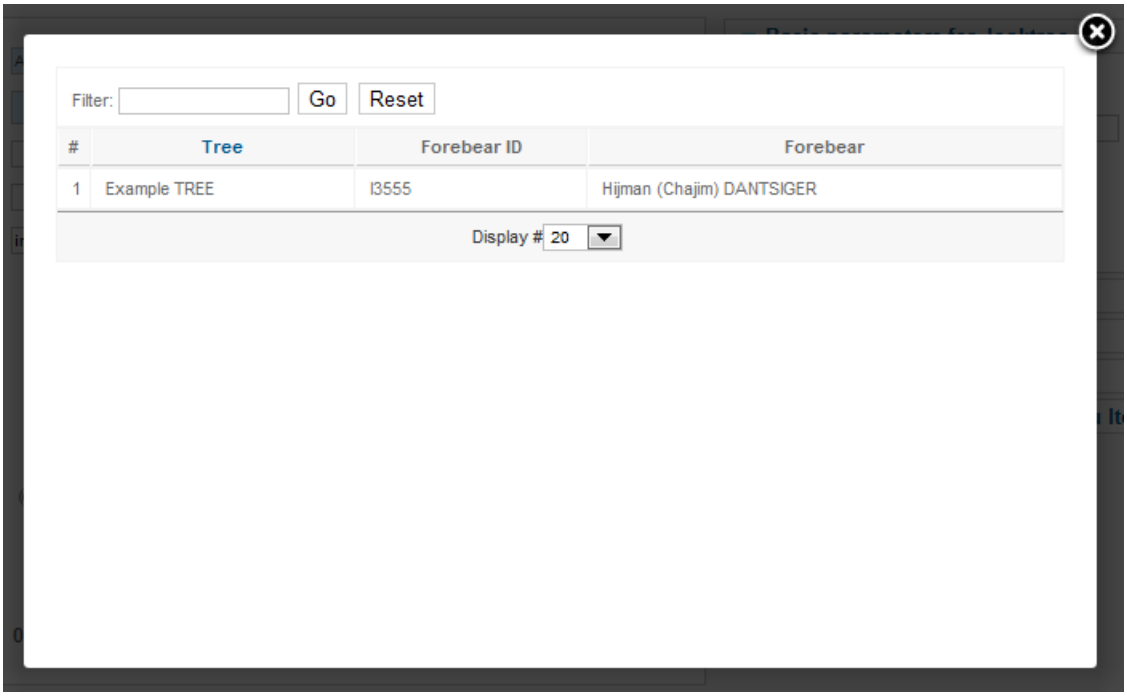
The Index and Search lists are related to one **Family Tree**. Therefore, if you create a menu item for either of these views, you have to select a **Family Tree** from the drop-down box, as showed in the example below.

7.2 PERSON VIEW, ANCESTOR CHART AND DESCENDANT CHART

The Person view, Ancestor chart and Descendant chart are related to one **Person**. Therefore, if you create a menu item for one of these three views, you have to select a **Person**.
There are two ways to select a **Person**: (1) select a **Family Tree** with an Original Ancestor; (2) select any **Person** from your list.

7.2.1 Select an Original Ancestor

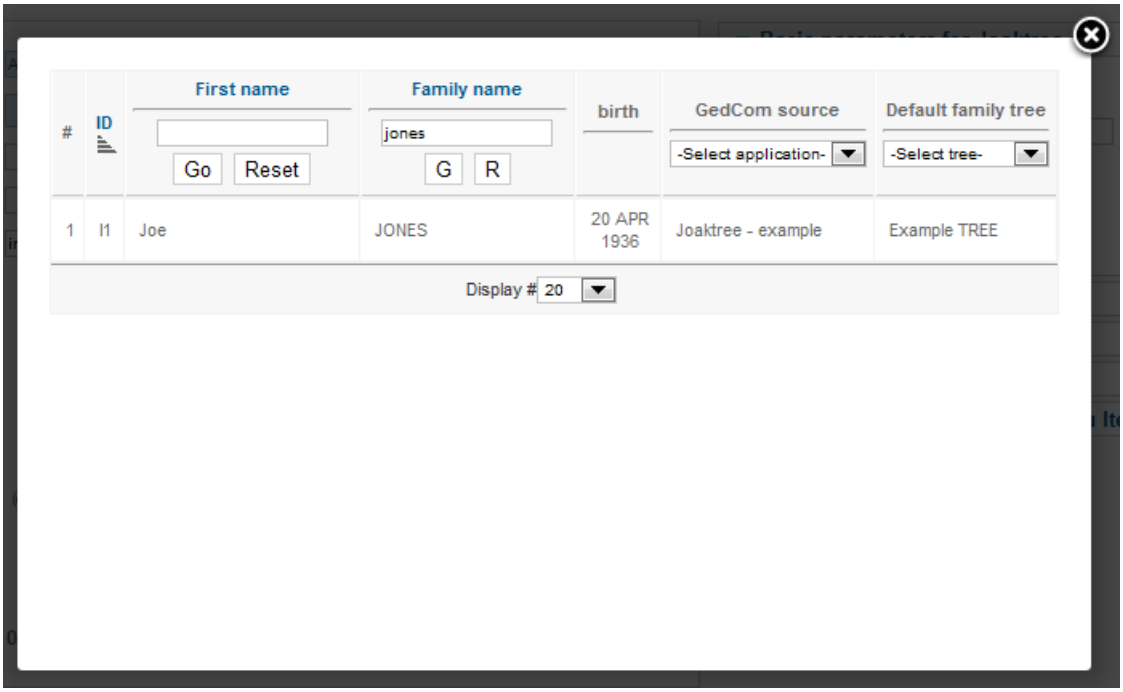
If you click on the button "Select Original Ancestor", a pop-up window will be displayed, as shown in the example below.



In this window, a list of all **Family Trees** is shown, with and without Original Ancestors. You have to select a **Family Tree** with an Original Ancestor by clicking on any of the shown values.

7.2.2 Select any Person

If you click on the button "Select any person", a pop-up window will be displayed, as shown in the example below.



In this window, a list of all **Persons** is shown. You can search, filter and sort this list in the same way described in section 4.1.3. You select the **Person** by clicking on either the First name or Family name.

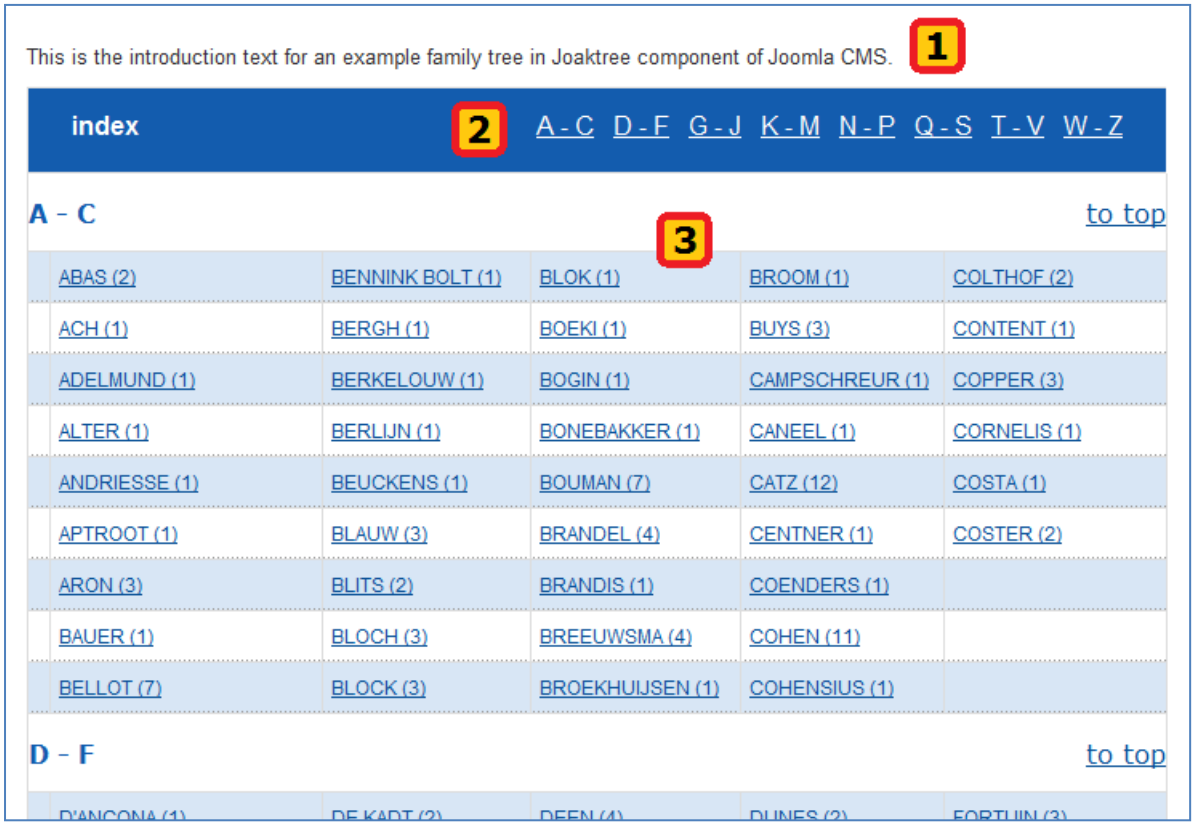
8 INDEX VIEW

The Index shows all family names of the selected **Family Tree**. For every name shown, the number of occurrences is indicated between brackets.

The index takes the Access Control settings into account. If you are not authorized to view the names of certain **Persons**, because, for example, they are still living, these names will not be included in this index (or at least not counted in the number of occurrences).

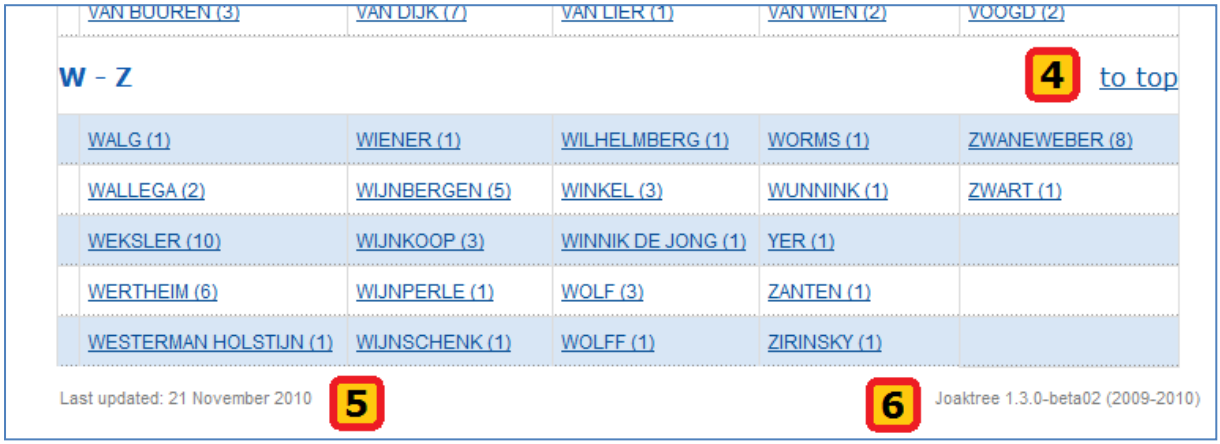
If you click on a name, you will navigate to the Search list (see section 9), which automatically will be filtered for the selected family name.

The view has the following features, which are marked in the example.



#	Feature	Reference
1	Introduction text for your **Family Tree**. The text is part of your **Family Tree**.	3.2.1
2	Index letters. In this example, the letters are combined in groups of three such as A, B and C in the first group, and D, E, and F in the second group. By clicking on a group in the header of this index table, you navigate to the part of the index containing family names starting with the selected letters.	6.2.2

#	Feature	Reference
	The size of the group is part of your **Theme**.	
3	Number of columns in the index In this example "5" means that the index has been divided into 5 columns. The number of columns is part of your **Theme**	6.2.2
4	Every letter group has a link which brings you back to the top of the view.	-
5	The date you last updated the **Family Tree** is shown in the lower left corner. This date can be hidden. This setting is part of your **Theme**.	6.2.2
6	The version of the Joaktree component is shown in lower right corner.	-



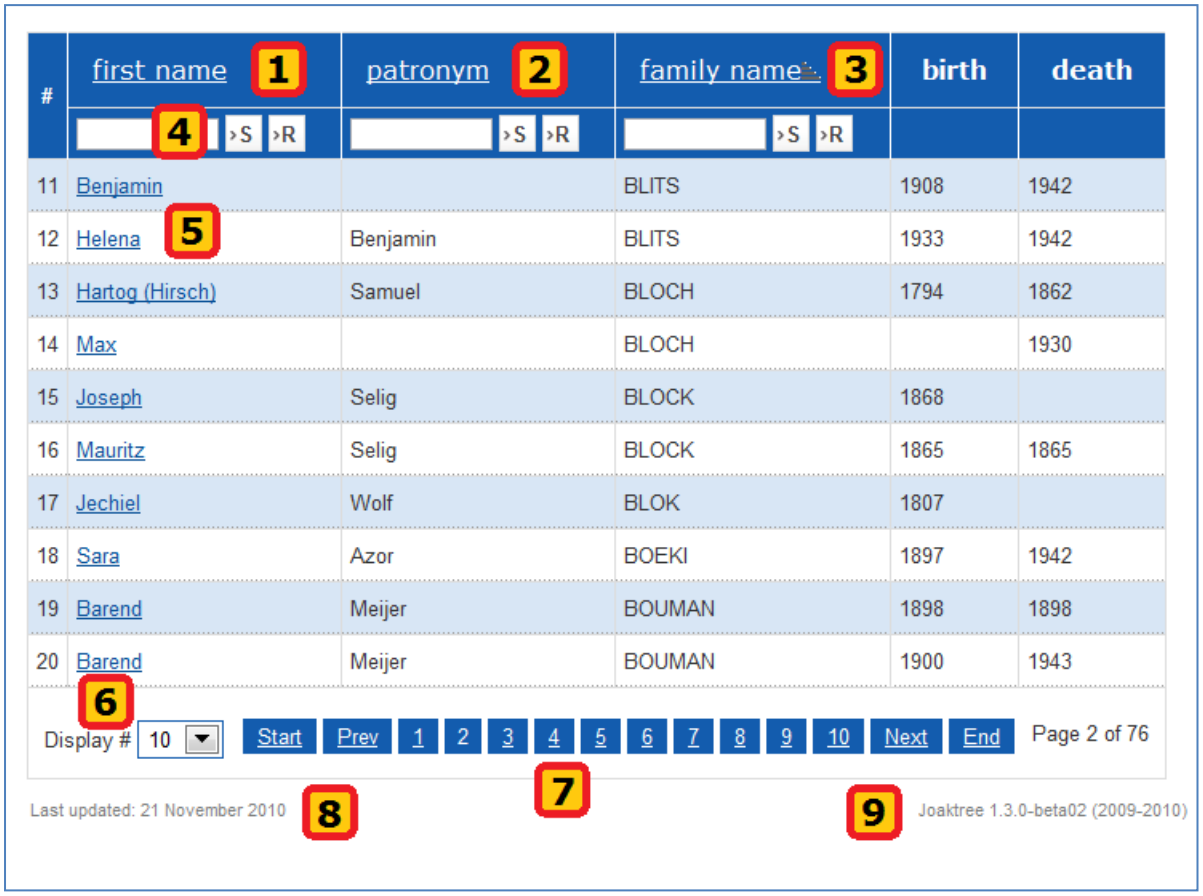
9 SEARCH LIST

The Search list shows all **Persons** in the selected **Family Tree**.

The Search list takes the Access Control settings into account. If you are not authorized to view names of certain **Persons**, because, for example, they are still living, these names are not shown in this Search list.

If you click on a name, you will navigate to the Person view (see section 10) for the selected **Person**.

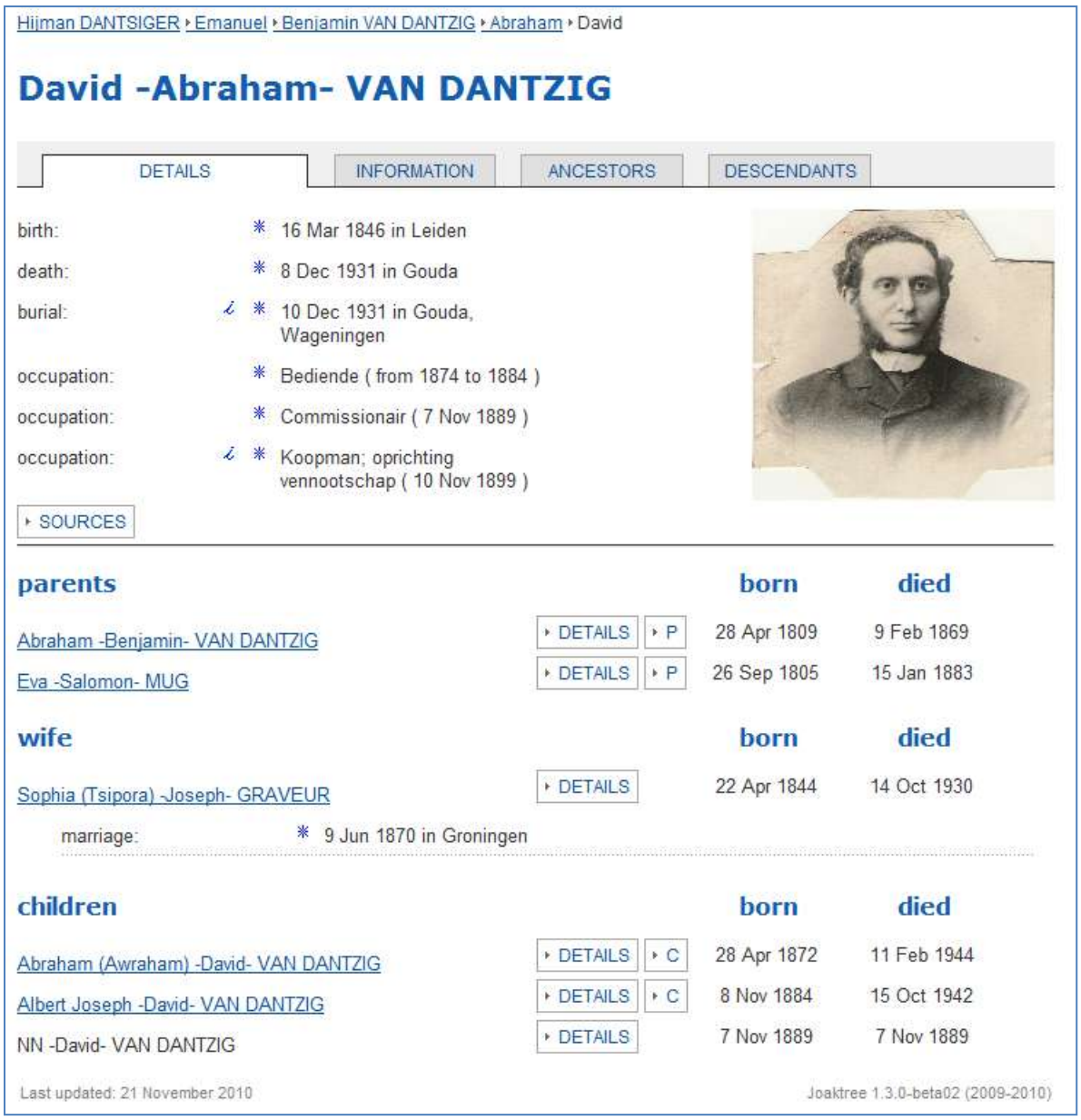
The view has the following features, which are marked in the example.



#	Feature	Reference
1	First name column You can order this column by clicking on its label.	-
2	Patronym column You can order this column by clicking on its label. The patronym column is only shown if you have selected the setting for your ***GedCom* file source**.	2.2.2
3	Family name column You can order this column by clicking on its label.	-

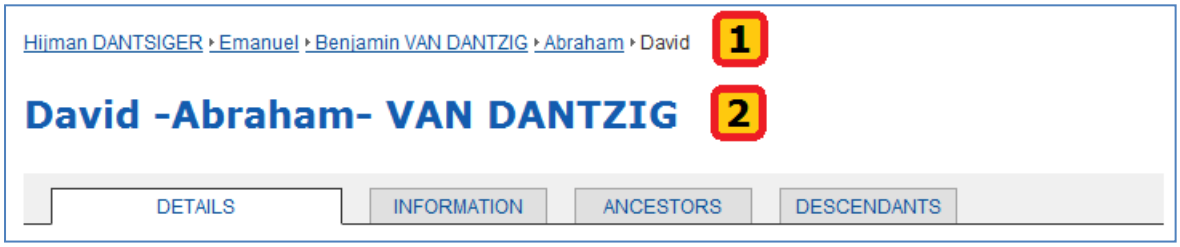
#	Feature	Reference
4	Filter You can filter the entries in the columns First name, Patronym, and Family name. All three columns have their own filter. Filtering is done by entering a part of a name in the entry box followed by clicking on the button "S" (S is for Search). If you click on the button "R" (R is for Reset), the filter is removed.	-
5	You can navigate to a Person view of a selected **Person** by clicking on the first name.	-
6	You can select how many entries you want to see by changing the number in the display box.	-
7	At the bottom of this table, you have the buttons to scroll through the entries.	-
8	The date you last updated the **Family Tree** is shown in the lower left corner. This date can be hidden. This setting is part of your **Theme**.	6.2.2
9	The version of the Joaktree component is shown in lower right corner.	-

10 PERSON VIEW



10.1 NAME, LINEAGE, AND FOOTER

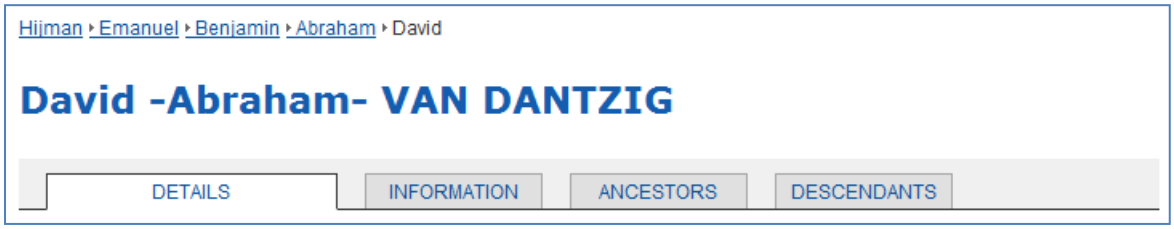
The view has the following features, which are marked in the example.



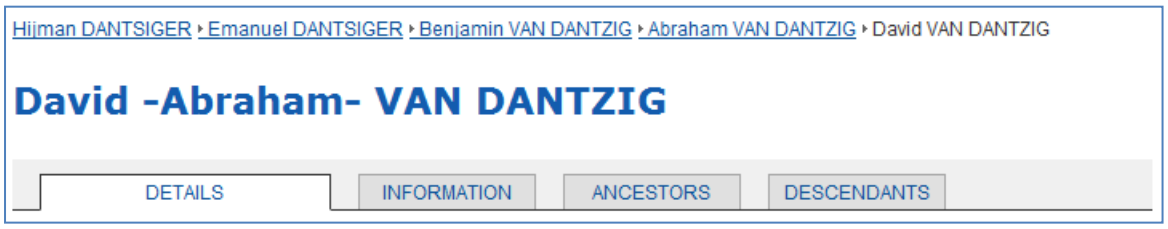
#	Feature	Reference
1	Lineage How the selected **Person** is descended from the Original Ancestor of the **Family Tree** is shown here. This will only be shown if the **Family Tree** has an Original Ancestor selected, and the settings for lineage is not "no lineage shown". This setting is part of your **Theme**. In this example, the lineage is set to "First names + family names if different than previous"	6.2.2
2	Name of **Person** The patronym, in this example "-Abraham-" is only shown if you have selected the setting for your ***GedCom* file** source.	2.2.2
3	The date you last updated the **Family Tree** is shown in the lower left corner. This date can be hidden. This setting is part of your **Theme**.	6.2.2
4	The version of the Joaktree component is shown in lower right corner.	-

10.1.1 Examples

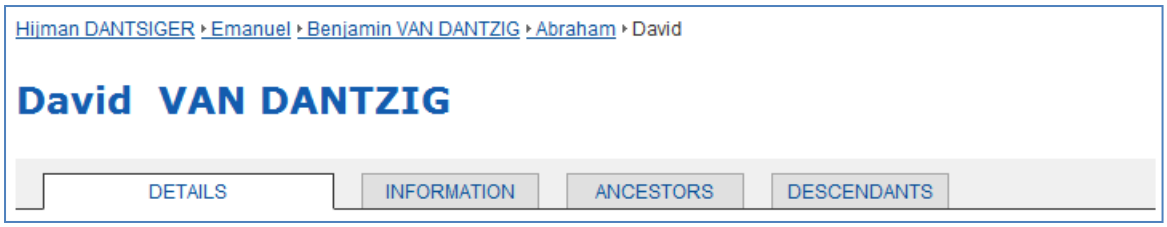
1 The example below shows what happens if the lineage is set to "Only first names".



1 The example below shows what happens if the lineage is set to "First names + family names".



2 The example below shows what happens if no patronym is shown.



10.2 DETAILS TAB PAGE

The tab page "DETAILS" shows the main information about the selected **Person**. It contains the following features, which are marked in the example.

#	Feature	Reference
1	A list of events Which events are shown and the order which they are shown in can be set in the Person Event Display.	5.3
2	Notes and sources for an event The settings for showing notes and sources are described in other sections.	5.5.2 and 5.6.2

#	Feature	Reference
3	The button to show all sources for a **Person**.	5.5.1
4	A picture of the **Person**	10.3
5	The parents of the **Person** If you click on the name, you will navigate to the Person view of the selected parent.	-
6	A button to show the parents of the parent, that is, the grandparents of the selected **Person**. These grandparents are shown in the current Person view.	-
7	The spouse(s) of the **Person** If you click on the name, you will navigate to the Person view of the selected spouse. Under each spouse is a list of relation events. Which events are shown and the order which they are shown in can be set in the Relation Event Display. For every relation event, notes and sources can be shown, according to the settings.	5.4, 5.5.4, and 5.6.3
8	Details For every **Person** in this Person view (that is, parents, spouses, and children), a list of events can also be shown in the current Person view.	-
9	The children of the Person If you click on the name, you will navigate to the Person view of the selected child. A button to show the children of the child, that is, the grandchildren of the selected **Person**. These grandchildren are shown in the current Person view.	-

10.3 PICTURES

You have the option to show pictures alongside your genealogical data. Joaktree supports the following picture formats: gif, jpg, png, and bmp.

In order for pictures to be shown on your website, the following has to be done:

(c) the pictures have to be stored on your site;
(d) the Joaktree component has to know where the pictures are stored.

Background information

To store the pictures on your site, you again have two options. You have to select your option with the settings for your GedCom source file (see section 2.2.2).

(1) *GedCom method*
If you have linked your pictures in your desktop application to data (**Persons**), you can copy the directory structure and files from your local desktop to your site. Your ***GedCom* file** will also contain the location of your pictures, and the Joaktree component will use that information to find the pictures on your site.

(2) *Joaktree method*
Alternatively, you can use the Joaktree method. With this method, you have to create for every **Person** a directory on your site with a specific name. You have to store the pictures related to that **Person** in the directory. The Joaktree component will look for these directories to show the pictures.

10.3.1 Uploading pictures: GedCom method

Joaktree has no function for uploading your pictures. You have to transfer – for example by FTP mechanism – the files to your Joomla website.

Copy the files structure and files from your local "root" directory to the Joaktree "root" directory. These directories have to be – of course – the same directories as you indicated in the settings for your GedCom source file.

10.3.2 Uploading pictures: Joaktree method

Joaktree has no function for uploading your pictures. You have to transfer – for example by FTP mechanism – the files to your Joomla website.

Joaktree will look for pictures in specific locations (see explanation below). You have to upload the pictures to these locations in order for them to be shown correctly.

Base directory and directory names
Joaktree looks for a directory in the specified base directory (see settings for your Theme). The name of the directory has to be exactly one of the following:

(1) A combination of the ID (that is: the unique identification number) of the *GedCom* file source and the ID of the **Person** within that *GedCom* file source. These two ID's are separated by an exclamation mark (!).

Where do you find these ID's?
The ID of the *GedCom* file source is shown in the last column of the Joaktree *GedCom* sources view (see section 2.1).

The ID of the **Person** is shown in the second column of the Joaktree persons view (see section 4.1).

Example
An example of such directory name is: 1!I51

(2) The ID of the **Person** (that is: the unique identification number).

Where do you find these ID's?
The ID of the Person is shown in the second column of the Joaktree persons view (see section 4.1).

Example
An example of such directory name is: I51

(3) The name of the **Family Tree** the **Person** belongs to.

Where do you find this name?
The name of the Family tree is shown in the first column of the Joaktree Family Trees view (see section 3.1).

(4) The default directory: images/Joaktree/jt-images

Which directory is selected?
The Joaktree component searches the four different directory name options in a specific order. If it finds a directory it stops looking for other possible directories. It selects the pictures from the directory it finds first.

The order the Joaktree component looks for directories is as follows.

- First it looks for a directory with a name made of a combination of two ID's as described above at (1).
- If this directory does not exists, it looks for a directory with a name equal to the **Person's** ID as described above at (2).
  Note: If you have different *GedCom* file sources with overlapping Person ID's, pictures in this directory will be shown for all these **Persons**, because Joaktree cannot distinguish in this situation between the different *GedCom* file sources.
- If both directories do not exist, it looks for a directory with a name equal to the name of the **Family Tree** as described above at (3).
- If none of the above directories exist, it looks for a the default directory as described above at (4).
- If the Joaktree component does not find any directory, no pictures are shown for that **Person**.

10.3.3 Sizing pictures

It is recommended that you format your own pictures to the maximum viewing size in order to avoid unnecessary download time.

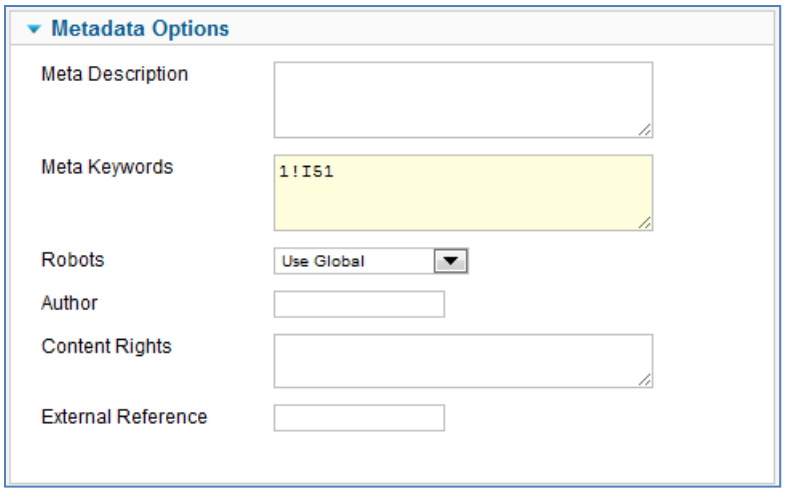
Joaktree will show the pictures in a set of maximum sizes, thereby giving all your pages a uniform look and feel. If a visitor to your site clicks on the picture, the full picture will be shown. You can set the maximum height and width in the settings for your Theme (see section 6.2.2).

10.4 INFORMATION TAB PAGE

The tab page "INFORMATION" shows Joomla articles and notes for the selected Person.

10.4.1 Linking a Joomla article to a Person

You link a Joomla article to one or more **Persons** by filling in the Meta Keywords section of the article as shown below.



You have different options to fill this Meta Keywords section as described below.

(1) A combination of the ID (that is: the unique identification number) of the *GedCom* file source and the ID of the **Person** within that *GedCom* file source. These two ID's are separated by an exclamation mark (!).

Where do you find these ID's?
The ID of the *GedCom* file source is shown in the last column of the Joaktree *GedCom* sources view (see section 2.1).

The ID of the **Person** is shown in the second column of the Joaktree persons view (see section 4.1).

Example
An example of such keyword is: 1!I51

(2) The ID of the **Person** (that is: the unique identification number).

Where do you find these ID's?
The ID of the Person is shown in the second column of the Joaktree persons view (see section 4.1).

Example
An example of such keyword is: I51

Note: If you have different *GedCom* file sources with overlapping Person ID's, the article will be linked to all these **Persons**, because Joaktree cannot distinguish in this situation between the different *GedCom* file sources.

(3) The First name of the **Person**.

Example
An example of such keyword is: Joe

Note: If you choose this keyword, the article will be linked to all **Persons** having a name "Joe" (First name or Family name).

(4) The Family name of the **Person**.

Example
An example of such keyword is: Jones

Note: If you choose this keyword, the article will be linked to all **Persons** having a name "Jones" (First name or Family name).

(5) A combination of the First name and Family name of the **Person** separated with a space.

Example
An example of such keyword is: Joe Jones

Note: If you choose this keyword, the article will be linked to all **Persons** having the combined name "Joe Jones".

Note: You can also uses any combination of these options separated by a comma (,), for example: 1!I51,Joe,Jones
This example will link the article to Person with ID "I51" in GedCom source file with ID "1", as well as to all Persons named "Joe" (First name or Family name) and all Persons named "Jones" (First name or Family name).

10.5 ANCESTORS TAB PAGE

The tab page "ANCESTORS" shows the Ancestor chart for the selected **Person**. This Ancestor chart is described in detail in section 11.

10.6 DESCENDANTS TAB PAGE

The tab page "DESCENDANTS" shows the Descendant chart for the selected **Person**. This Descendant chart is described in detail in section 12.

11 ANCESTOR CHART

The Ancestor chart shows the ancestors for the selected **Person**.

The Ancestor chart takes the Access Control settings into account. If you are not authorized to view names of certain **Persons**, because, for example, they are still living, these names are not shown in this Ancestor chart.

If you click on a name, you will navigate to the Person view (see section 10) of the Person, you clicked on.

The view has the following features, which are marked in the example.

#	Feature	Reference
1	Name of the Person whose ancestors are shown on this chart.	-
2	The number of columns in the chart can be set. This example shows three columns, that is, parents, grandparent, and great-grandparents. The setting "Ancestor generations" can modify this number of columns. This setting is part of your **Theme**. ***NOTE:*** The actual number of shown columns may be smaller than this setting if a specific Person has fewer generations of ancestors stored in the Joaktree component.	6.2.2
3	Name of an ancestor. You can click on this name to navigate to the Person view.	-
4	Birth date and date of death These dates will be shown based on the setting "Show dates". This setting is part of your **Theme**.	6.2.2

5	The date you last updated the **Family Tree** is shown in the lower left corner. This date can be hidden. This setting is part of your **Theme**.	6.2.2
6	The version of the Joaktree component is shown in lower right corner.	-

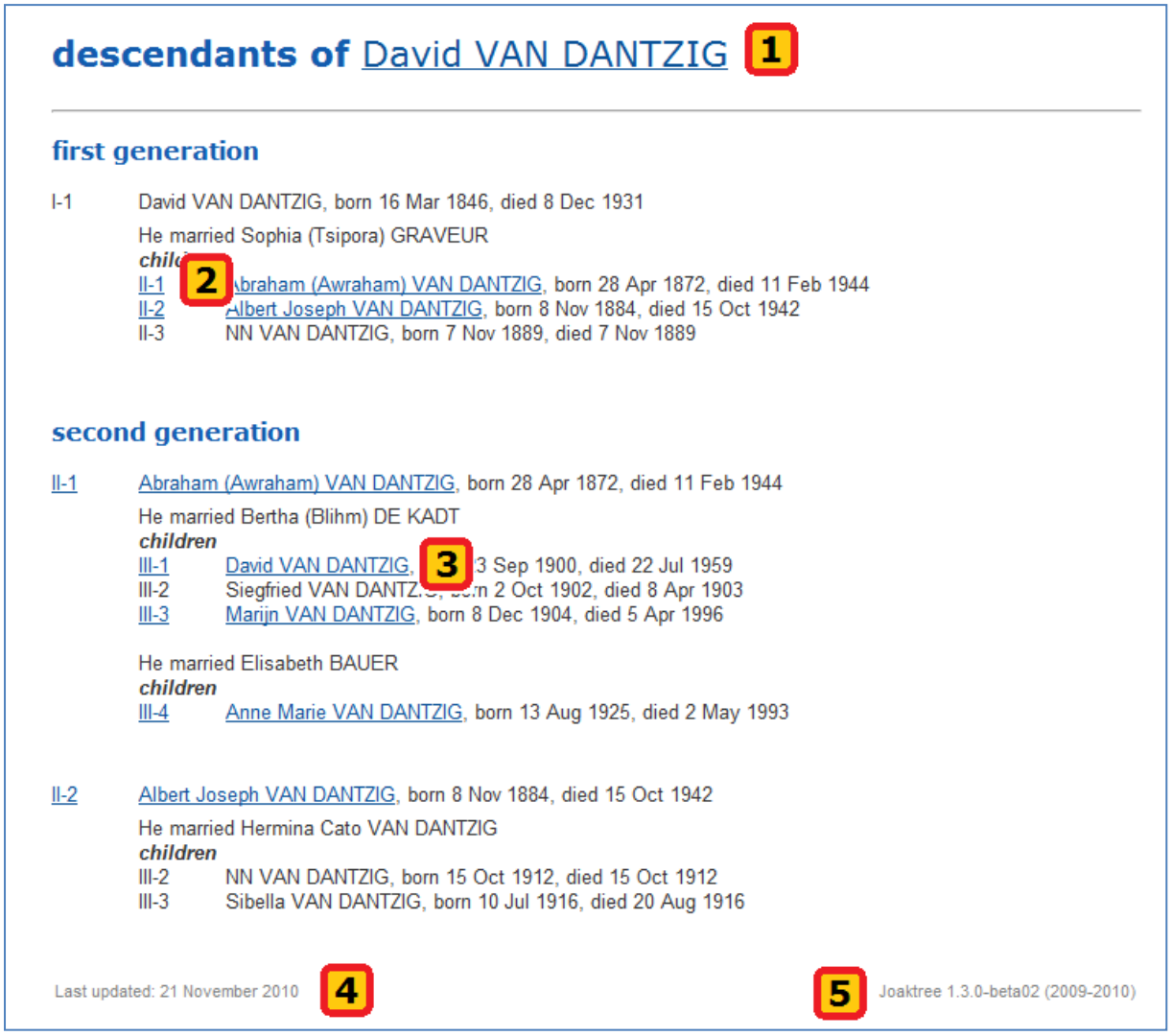
12 DESCENDANT CHART

The Descendant chart shows the descendants of a selected **Person**.

The Descendant chart takes the Access Control settings into account. If you are not authorized to view names of certain **Persons**, because, for example, they are still living, these names are not shown in this Descendant chart.

If you click on a name, you will navigate to the Person view (see section 10) of the Person, you clicked on.

The view has the following features, which are marked in the example.



#	Feature	Reference
1	Name of the **Person** whose descendants are shown on this chart.	-
2	Generation number If you click on this number, you navigate down to the selected Person on this Descendant chart.	-

3	Name of a descendant. You can click on this name to navigate to the Person view.	-
4	The date you last updated the **Family Tree** is shown in the lower left corner. This date can be hidden. This setting is part of your **Theme**.	6.2.2
5	The version of the Joaktree component is shown in lower right corner.	-

13 ADDITIONAL EXTENSIONS

All Joaktree extensions take the Access Control settings into account. If you are not authorized to view the names or events of certain **Persons**, because, for example, they are still living, these items or **Persons** will not be shown in the extensions described in this section.

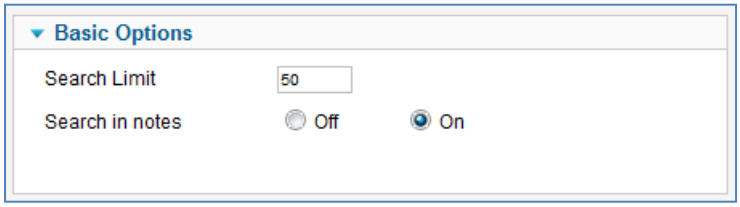
13.1 SEARCH PLUGIN

The Joaktree search plugin is installed with the install function of Joomla! 1.6.x. There are no additional requirements or steps to be taken for installing the plugin.

13.1.1 Options

There exists three standard search plugin options: Enabled, Access, and Ordering.

Besides these three standard options, the Joaktree search plugin has two specific options: Search Limit and Search in notes.



#	Setting	Explanation
1.	Search Limit	This is the maximum number of result records, which will be retrieved from the database.
2.	Search in notes	You have the option to let the users perform a search only in the name fields of your genealogy, or in the name fields as well as in the **Person** notes.

13.2 RELATED ITEMS MODULE

The Joaktree module for related items works similar to the standard Joomla module for related items.

Its intended purpose is to show:

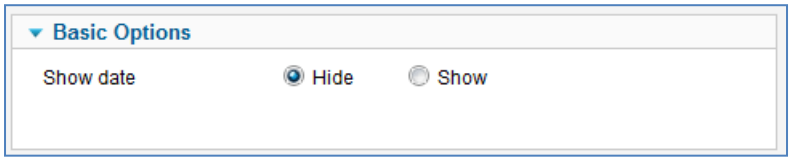
- A list of related **Persons** when viewing a specific Joomla article;
- A list of related Joomla articles when viewing a specific **Person** in the Person view;
- A list of related Joomla articles when viewing a specific Joomla article.

Linking of a Person to an article is described in section 10.4.1.

The articles shown in the list are the same articles, which are shown in the tab page "INFORMATION". However, on the tab page "INFORMATION" are also **Person** related notes shown from your *GedCom* file. These notes are not shown in this module.

13.2.1 Options

The Joaktree module for showing related items has one specific option: Show date.



#	Setting	Explanation
1.	Show date	This setting hides or shows the "last update date" in front of the article (see also example in the next section).

13.2.2 Examples

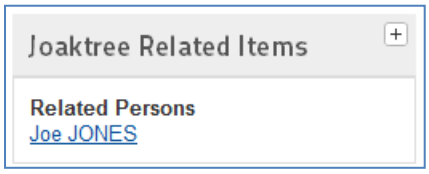
When viewing a specific **Person** in the Person view, you will see a list of related articles. A list of related **Persons** is not shown, because the relationship between **Persons** is shown in the Joaktree component itself and not in this module.

Below is an example of a list when the option "Show date" is set to "Hide".

Below is an example of a list when the option "Show date" is set to "Show".

When viewing a specific Joomla article, you will see a list of related **Persons**. A list of related Joomla article may be shown too, because the relationship between articles is shown in this module as well similar to the standard Joomla module for related items.

Below is an example of a list when the option "Show date" is set to "Hide" and only related **Persons** are shown.



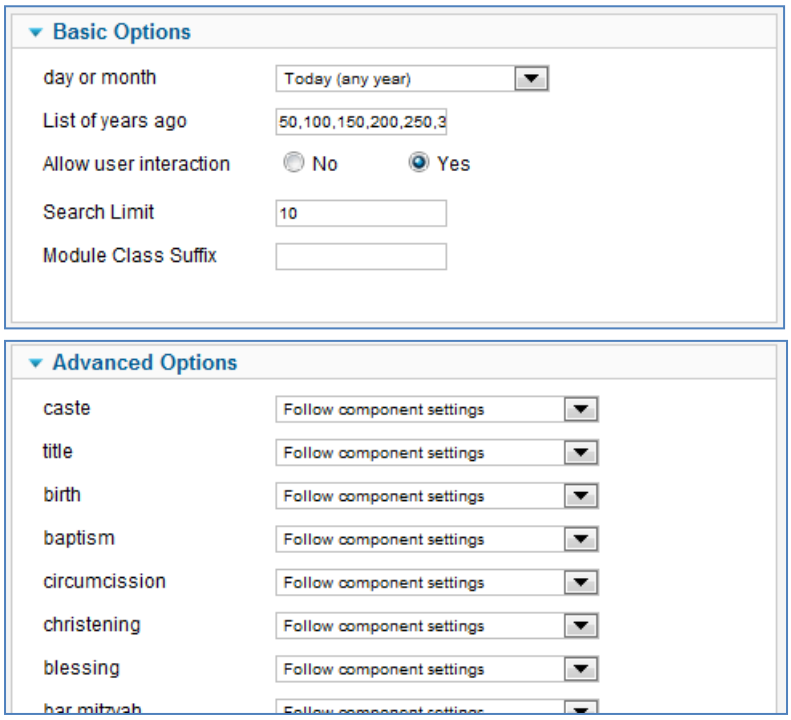
Below is an example of a list when the option "Show date" is set to "Hide" and as well as related **Persons** as related articles are shown.

13.3TODAY MANY YEARS AGO MODULE

The Joaktree module "Today Many Years Ago" is intended to show a list of **Persons** having an event (birth, death, etc.) on a specific day of the year or in a specific month of the year.

The default value is always what happened on the current day or current month. The module has a setting allowing the user to select another day or month from a pick list.

13.3.1 Options



The Joaktree module for showing past events has the following basic options.

#	Setting	Explanation
1.	Day or month	day or month

You have the following options.

1. **Today (years ago from list)**
   Show events which happened on a specific day, for example 15 March, but only when they happened in a year from the list "years ago". Choose this option if you have a large amount of data in your genealogy and you want to limit the shown events to events which happened, for example, 50 and 100 years ago.

2. **Today (any year)**
   Show events which happened on a specific day, for example 15 March, in any year in the past. Choose this option if you don't want to limit which events are shown.

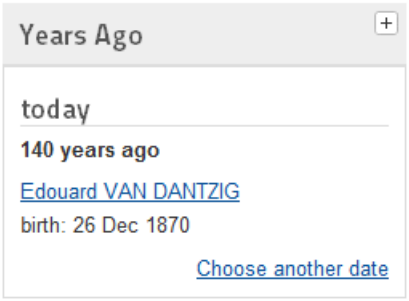
3. **This month (years ago from list)**
   Show events which happened in a specific month, for example March, but only when they happened in a year from the list "years ago". Choose this option if you want to limit the shown events to events which happened, for example, 50 and 100

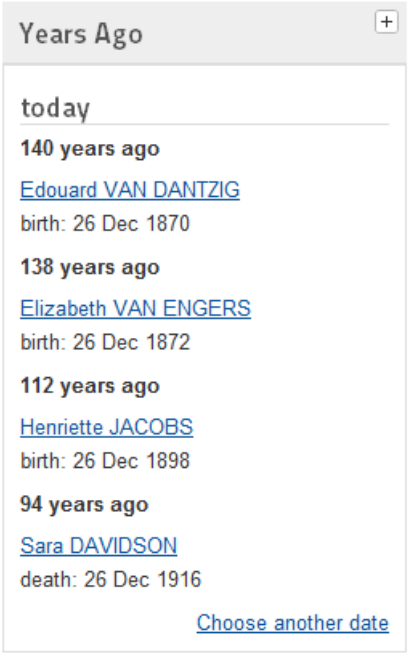
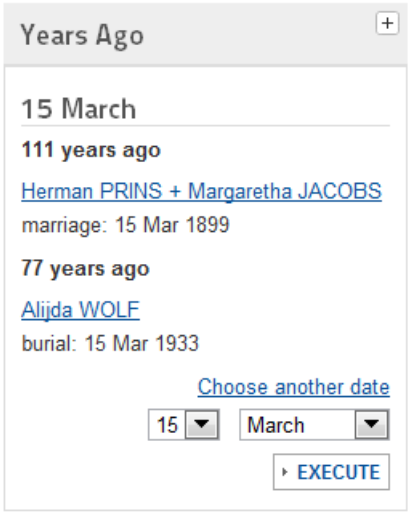
#	Setting	Explanation
		years ago.
2.	List of years ago	This is a comma-separated list of "years ago". For example, if the list contains the following numbers: 50,100, and the current year is 2010, only events from the years 1910 and 1960 are shown. If the current year is 2011, only events from the years 1911 and 1961 are shown. This list works only with the options 1 and 3 for the setting "day or month" (see above).
3.	Allow user interaction	With this option you allow user to choose other days or months from a pick list. See for more details the examples in the next section.
4.	Search limit	This sets the maximum number of results in the list.
5.	Module Class Suffix	If you want to show more than one module "Today Many Years Ago" on the same page, you have to fill in different suffixes for the different modules.

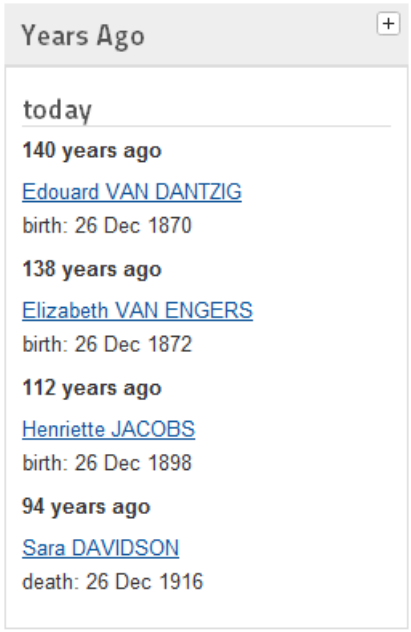
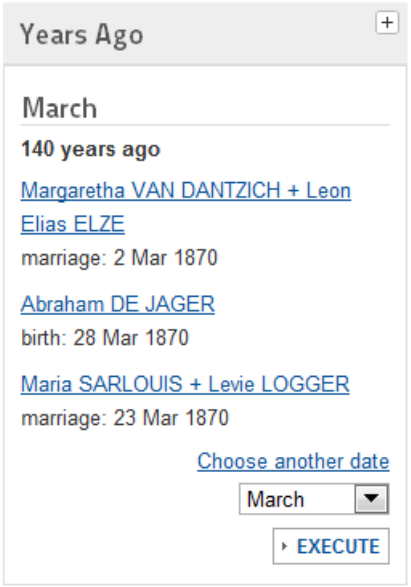
The Joaktree module for showing past events has the following advanced option.
The Display settings (see section 5) of the Joaktree component rule which events can be shown to which users based on the Access Control List.
If you want to limit the amount of events to be shown in this module, you can do that in the advanced section. You can set every event to follow the settings from the component or to never be shown in this module.

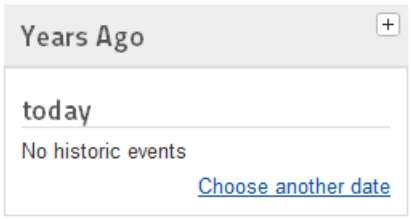
13.3.2 Examples

All shown examples are created on 26 December 2010.

Explanation	Example
This example is for option 1 for the setting "Day or month" in combination of only the value 140 in the setting "List of years ago". The example shows the text "Today" followed by an **Person** and the event.	

Explanation	Example
This example is for option 2 for the setting "Day or month". The example shows the text "Today" followed by **Persons** and the events.	
This example is for option 2 for the setting "Day or month". When the user clicks on "Choose another date", he/she can select another day and month from a pick list, for example 15 March. The example shows the text "15 March" followed by **Persons** and the events.	

Explanation	Example
This example is for option 2 for the setting "Day or month". The user interaction is disabled and the link "Choose another date" is not shown in this example.	
This example is for option 3 for the setting "Day or month" in combination of only the value 140 in the setting "List of years ago". The example shows the text "this month" followed by an **Person** and the event. In the example are two events shown which happened in December 1870, but on different days.	
This example is for option 3 for the setting "Day or month" in combination of only the value 140 in the setting "List of years ago". When the user clicks on "Choose another date", he/she can select another month from a pick list, for example March. The example shows the text "March" followed by **Persons** and the events. In the example are three events shown which happened in March 1870, but on different days.	

Explanation	Example
If no events are found for the selection criteria, this example is shown.	

13.4 LANGUAGE SUPPORT

The default language of Joaktree software is English.

The administrator site as well as the client site support multiple languages. The translations have to be made by the users of the software. When translations are available, they will be posted on the Joaktree.com site.

A Dutch language pack is available.

13.5 GENDEX SUPPORT

GENDEX (GENealogical inDEX) is a specification to export the index of a genealogical home page to a global name index service. Developed by Eugene W. Stark as a feature of his GEDCOM to HTML translator software, GED2HTML. Stark's GENDEX site originally accepted the GENDEX files until that site was retired in 2004, since then other sites have continued to support the format.
See also: http://en.wikipedia.org/wiki/GENDEX

If you choose to include your Family Trees to a site supporting the GENDEX (see section 3.2.1) you have to give the following information to that site.

Location of GENDEX file:
http://<your_site>/index.php?option=com_joaktree&view=gendex&format=raw&tmpl=component

Base URL for Person view:
http://<your_site>/index.php?option=com_joaktree&view=joaktree

APPENDIX A

The following *GedCom* tags are processed in the Joaktree component. The supported tags are based on the *GedCom* 5.5 standard, which is extended with specific program tags. The source of this information can be found on this site: http://www.gencom.org.nz/GEDCOM_tags.html.

PERSON EVENTS

Event	Tag	Source	Description
Caste	CAST	*GedCom* 5.5	The name of an individual's rank or status in society , based on racial or religious differences, or differences in wealth, inherited rank, profession, occupation, etc.
Title	TITL	*GedCom* 5.5	A description of a specific writing or other work, such as the title of a book if used in a source context , or a formal designation used by an individual in connection with positions of royalty or other social status, such as Grand Duke.
Birth	BIRT	*GedCom* 5.5	The event of entering into life.
Baptism	BAPM	*GedCom* 5.5	The event of baptism, performed in infancy or later.
Circumcision	_BRTM	Brother's Keeper 6	*Brit Mila* (Circumcision of a Jewish boy on the eighth day after birth.)
	CIRC	Generations	
Christening	CHR	*GedCom* 5.5	The religious event of baptizing and/or naming a child.
Blessing	BLES	*GedCom* 5.5	A religious event of bestowing divine care or intercession. Sometimes given in connection with a naming ceremony.
Bar Mitzvah	BARM	*GedCom* 5.5	The ceremonial event held when a Jewish boy reaches age 13.
Bas Mitzvah	BASM	*GedCom* 5.5	The ceremonial event held when a Jewish girl reaches age 12, also known as "Bat Mitzvah."
Confirmation	CONF	*GedCom* 5.5	The religious event of conferring the gift of the Holy Ghost and, among Protestants, full church membership.
Adoption	ADOP	*GedCom* 5.5	Pertaining to creation of a child-parent relationship that does not exist biologically.
Adult Christening	CHRA	*GedCom* 5.5	The religious event of baptizing and/or naming an adult person.
Death	DEAT	*GedCom* 5.5	The event when mortal life terminates.
Burial	BURI	*GedCom* 5.5	The event of the proper disposing of the mortal remains of a deceased person.

Event	Tag	Source	Description
Cremation	CREM	*GedCom* 5.5	Disposal of the remains of a person's body by fire.
Yahrzeit	_YART	Brother's Keeper 6	*Yahrzeit*
First Communion	FCOM	*GedCom* 5.5	A religious rite, the first act of sharing in the Lord's Supper as part of church worship.
Education	EDUC	*GedCom* 5.5	Indicator of a level of education attained.
Graduation	GRAD	*GedCom* 5.5	An event of awarding educational diplomas or degrees to individuals.
Occupation	OCCU	*GedCom* 5.5	The type of work or profession of an individual.
Retirement	RETI	*GedCom* 5.5	An event of exiting an occupational relationship with an employer after a qualifying time period.
Emigration	EMIG	*GedCom* 5.5	An event of leaving one's homeland with the intent of residing elsewhere.
Immigration	IMMI	*GedCom* 5.5	An event of entering into a new locality with the intent of residing there.
Naturalization	NATU	*GedCom* 5.5	The event of obtaining citizenship.
Nationality	NATI	*GedCom* 5.5	The national heritage of an individual.
Residence	RESI	*GedCom* 5.5	The act of dwelling at an address for a period of time.
Religion	RELI	*GedCom* 5.5	A religious denomination to which a person is affiliated or for which a record applies.
Physical Description	DSCR	*GedCom* 5.5	The physical characteristics of a person, place, or thing.
Event	EVEN	*GedCom* 5.5	A noteworthy happening related to an individual.

PERSON EVENTS: NOTES AND SOURCES

Information	Tag	Source	Description
Note	NOTE	*GedCom* 5.5	Additional information related to a **specific person**.
Note (for event)	NOTE	*GedCom* 5.5	Additional information related to a **specific event of a person**.
Source	SOUR	*GedCom* 5.5	The initial or original material from which information related to a **specific person** was obtained.
Source (for event)	SOUR	*GedCom* 5.5	The initial or original material from which information related to a **specific event of a person** was obtained.

PERSON NAMES

Name	Tag	Source	Description
Name	NAME	*GedCom* 5.5	A word or combination of words used to help identify an individual, title, or other item.
Given name	GIVN	*GedCom* 5.5	A given or earned name used for official identification of a person.
Nickname	NICK	*GedCom* 5.5	A descriptive or familiar name that is used instead of, or in addition to, one's proper name.
Adopted name	_ADPN	Brother's Keeper 6	Adopted name
		Personal Ancestral File 5	
Also known as	_AKA	Ancestral Quest 3	Used for the "also known as" name
		Personal Ancestral File 4	
		Personal Ancestral File 5	
	_AKAN	Brother's Keeper 6	
		Personal Ancestral File 5	
	_CALL	Brother's Keeper	
	AKA	Family Origins	
		Family Tree Maker	
		Legacy	
		Personal Ancestral File	
Birth name	BIRN	Brother's Keeper 6	Birth name
		Personal Ancestral File 5	
Census name	CENN	Brother's Keeper 6	Census name
Currently known as	CURN	Brother's Keeper 6	Current known as
		Personal Ancestral File 5	
Formally known as	_FKAN	Brother's Keeper 6	Formally known as
	_FRKA	Brother's Keeper	

Name	Tag	Source	Description
Hebrew name	_HEBN	Brother's Keeper 6	Hebrew name
Indigenous name	_INDN	Brother's Keeper 6	Native American name
	_INDG	Brother's Keeper	Indigenous name
Married name	_MARN	Brother's Keeper 6	Married name
	_MARNM	Ancestral Quest 3	
		Personal Ancestral File 5	
Religious name	_RELN	Brother's Keeper 6	Religious name
	NAMR	Family Tree Maker 5	
		Generations	
		Reunion for the MAC	
Other name	OTHN	Brother's Keeper 6	Other name

PERSON NAMES: NOTES AND SOURCES

Information	Tag	Source	Description
Note	NOTE	*GedCom* 5.5	Additional information related to a **specific name of a person**.
Source	SOUR	*GedCom* 5.5	The initial or original material from which information related to a **specific name of a person** was obtained.

RELATION EVENTS

Event	Tag	Source	Description
Engagement	ENGA	*GedCom* 5.5	An event of recording or announcing an agreement between two people to become married.
Marriage Bann	MARB	*GedCom* 5.5	An event of an official public notice given that two people intend to marry.
Marriage contract	MARC	*GedCom* 5.5	An event of recording a formal agreement of marriage, including the prenuptial agreement in which marriage partners reach agreement about the property rights of one or both , securing property to their children.
Marriage	MARS	*GedCom*	An event of creating an agreement between two

Event	Tag	Source	Description
settlement		5.5	people contemplating marriage , at which time they agree to release or modify property rights that would otherwise arise from the marriage.
Marriage license	MARL	*GedCom* 5.5	An event of obtaining a legal license to marry.
Marriage	MARR	*GedCom* 5.5	A legal, common-law, or customary event of creating a family unit of a man and a woman as husband and wife.
Annulment	ANUL	*GedCom* 5.5	Declaring a marriage void from the beginning (never existed).
Divorce	DIV	*GedCom* 5.5	An event of dissolving a marriage through a civil action.
Number of children	NCHI	*GedCom* 5.5	The number of children that belong to this family.
Event	EVEN	*GedCom* 5.5	A noteworthy happening related to a family.

RELATION EVENTS: NOTES AND SOURCES

Information	Tag	Source	Description
Note (for event)	NOTE	*GedCom* 5.5	Additional information related to a specific event of a relation.
Source (for event)	SOUR	*GedCom* 5.5	The initial or original material from which information related to a specific event of a relation was obtained.

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