

– Gedcom –

Service Programs

User Guide

Part 6

- Gedcom Start Center – in Part 1
- Gedcom Conversion – in Part 2
- Gedcom Reduction – in Part 3
- Gedcom Sorting – in Part 7
- Gedcom Structure Analysis – in Part 7
- Gedcom Validate – in Part 4
- Gedcom Duplicates / Merge / Sync – in Part 5
- Gedcom Renumbering – in Part 7
- **Gedcom Listing**
- GSP – Gedcom Profile – in Part 1

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All changes to the previous version are colored

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1 Introduction

This document is the part 6 of the User-Guide of the „Gedcom Service Programs“. Described is the program

- Gedcom Listing is used to create working lists from a ged-file. Various selection methods are available. For several persons their ancestors and/or descendants may be selected. Further options allow to control the volume of the new file. Partners, children, relations and media may be included at the transfer. Privacy protection rules may be defined resp. selected. Beside the standard data fields optional additional tags and events may be defined for output.

The details for

- Introduction
- Copyrights and License Conditions
- Support, Download & Installation
- Start of Program
- Gedcom Definitions
- Files used
 - Gedcom file (ged-file)
 - Language files
 - Protocol- / Log file
 - Folders for storing files

are described in part 1 of the document.

2 Gedcom Listing

2.1 Description

This program allows by selective extracting from any Gedcom file to build lists with the desired group of persons. For this a selection of persons, places and additional parameters are available. For several persons the ancestors and/or descendants may be selected. Further options allow to control the volume of the new file. Partners, children, parents, relations and media may be included at the transfer. The persons may be checked for privacy protection and the output adjusted accordingly.

If no selection criteria is defined, a confirmation prompt pops up, allowing the listing of all persons.,

For considering program specific specialties of the genealogy programs, a gxpdp profile file is required, created by the program "GSP – Gedcom Profile". The entered selection criteria will be stored in glsd-files accordingly for later re-use.

The lists contain line by line the data of the related persons. Are family data defined for output, these will be placed to the related persons (male and female). Up to 10 columns (data fields) can be defined. The lists will be created as html-files and optional as csv-files.

2.2 Files

2.2.1 List Definition file (glsd-file)

This file stores the options and definitions specified at the main screen and the tabs **Selection Definitions** and **Lists** including the name of the Profile file and the name of the ged-file. They will be created by this program and should be stored using an expressive name. It is recommended to store all glsd-files in a common folder (e.g.. "C:\Data\Gedcom\files\"). The glsd-file is always UTF-8 coded.

2.2.2 Gedcom Profile file (gxpdp-file)

These files are storing all definitions for the genealogy program specific specialties for the respective data fields. They are created by the program "GSP – Gedcom Profile". The example files at the download area of the homepage may be used and modified according the personal needs. The gxpdp-file is always UTF-8 coded.

Note: Normally due to the different definitions within the ged-file, for each genealogy program a separate gxpdp-file is required.

2.2.3 Protocol- / Log file

If expected media files are not found or year numbers can not be extracted from the date values, also a message will be noted here. The name of the log file will be composed from the name of the ged-file with an attached "_lst.log", e.g. "my.ged" results in "my_lst.log". The log-file is UTF-8 coded and stored in the folder of the ged-file. For details see the User Guide part 1 at section "Introduction".

2.2.4 Person list / txt-file

Optional a list of persons, enclosed in the reduced ged-file, can be created as txt-file. Each person is shown in the format "Surname, Given name (fromYYYY – toYYYY)" and is sorted according the proband selection list. The name of the txt file will be composed from the name of the ged-file with an attached "_lst.txt", e.g. "my.ged" results in "my_lst.txt". The txt-file is UTF-8 coded and stored in the folder of the ged-file.

2.2.5 Privacy protection lists

They can be created optionally.

Person list / txt-file

The list contains all persons covered by privacy protection with their names, lb-Nbr. and their date values. The name of the txt file will be composed from the name of the ged-file with an attached "_pp_pers_lst.txt", e.g. "my.ged" results in "my_pp_pers_lst.txt". The txt-file is UTF-8 coded and stored in the folder of the ged-

file.

Rules list / txt-file

The list contains the selected rules for privacy protection. The name of the txt file will be composed from the name of the ged-file with an attached "_pp_rule_lst.txt", e.g. "my.ged" results in "my_pp_rule_lst.txt". The txt-file is UTF-8 coded and stored in the folder of the ged-file.

2.3 Data of the ged-file

Following data can be processed:

- INDI records (persons) – completely
- FAM records (families) – completely
- NOTE records (notes), if existing – the content will be taken completely – only for selection, not for listing.
- SOUR records (sources), if existing – only the data of the TITL tags will be taken – only for selection, not for listing.
- REPO records (repositories) – skipped
- OBJE records (media) – skipped
- _LOC records (locations) – skipped

2.4 Checking the DATE fields

Will follow the description of User Guide "GSP – part 1", whereas the conversion of incomplete year values in numerical values (190x → 1905) can be done optional.

As option also incomplete day and month values can be converted to numerical values.

3 Main screen

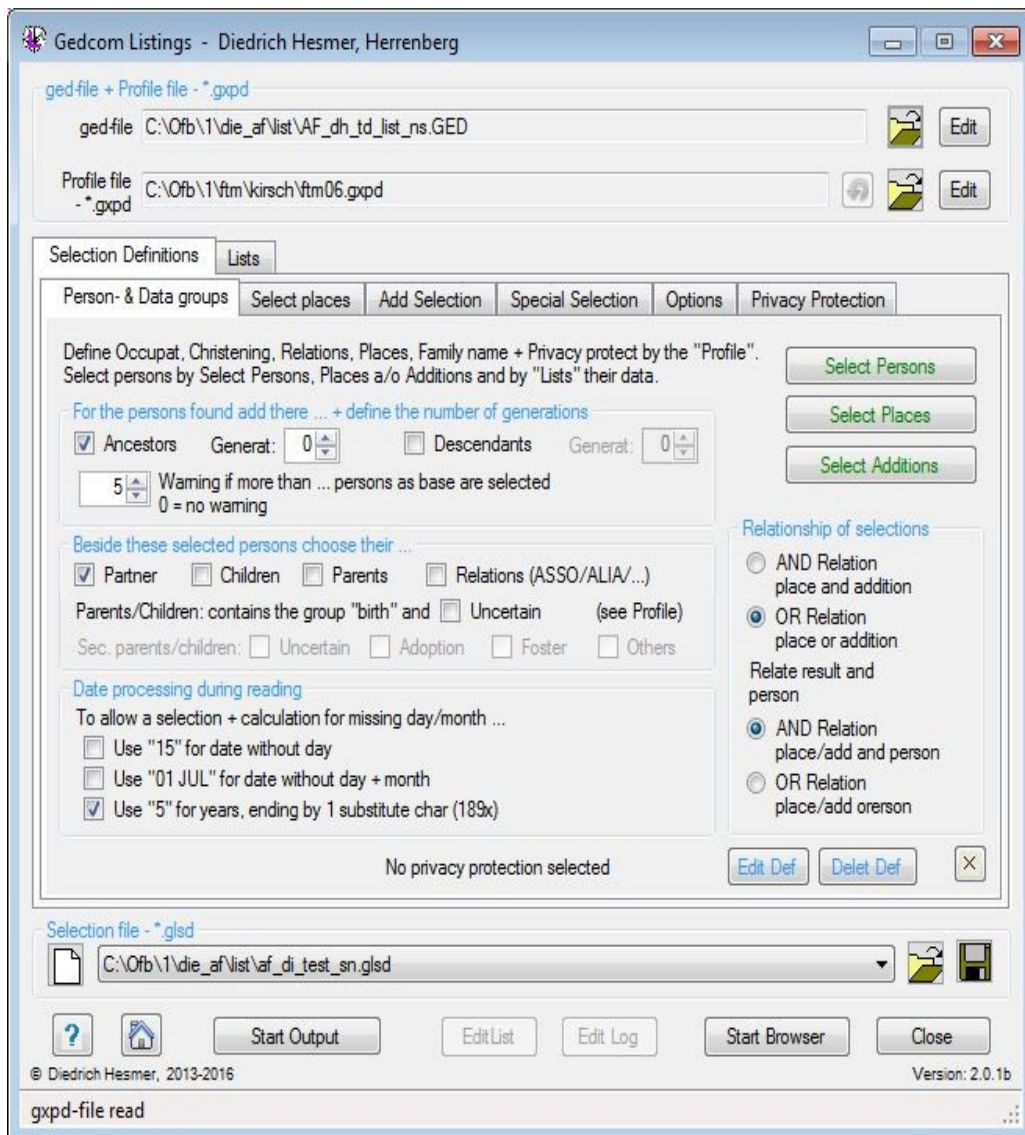



Fig 1: Main screen "Gedcom Reduction"





After start of the program the main screen shows up. The name of the last loaded glsd- file, if found in an ini-file, will be reloaded. If the name of the gxpd-file is stored in the glsd-file, also those data will be loaded automatically.

This screen has 2 base tabs with sub tabs and allows the viewing and modification of the options and definitions:

- 6 tabs as **Selection Definitions** for selection of persons, places and additional selections, for further options and privacy protection rules.
- Various tabs for definition of **Lists**.

At the top of the screen the ged- and gxpd-files will be defined, below of the tabs the glsd-file. Following buttons will support you:

- By the respective  a Gedcom-file, a glsd-selection-file resp. a gxpd-profile-file will be loaded.
- By **Edit** the original resp. reduced Gedcom-file will be edited by the text editor defined by the "base settings" of the OFB program resp. Gedcom Start Center. Alternatively the standard text editor will be used.
- By **gxpd** the program "GSP Gedcom Profile Management" will be started with the gxpd-file shown left. Here you can view and modify the settings.

- By  the stored gxp-d-file can be reloaded after modification..
- By  a folder (e.g. "C:\Data\Gedcom\files\") and name for the selection definition file will be defined and the file stored as "glsd-file".
- By  the respective data will be set to their initial value.
- A click on the "DropDown" Element for the glsd-selection file opens a list with the recent used glsd files. up to the number defined at "Settings" in the Start-Center. Selecting one of these files will load this file.
- Pushing  opens the user guide.
- Pushing the **house** opens the GSP homepage by the browser.
- By **Start Output** the process for selection and output starts. A checking is starting to assure that everything needed is available.
If **no** selection is defined, a confirmation prompt pops up, allowing the selection of **all** persons for output. After successful checking the sequence of the process will be: read ged-file → info about the content of the ged-file → place, additional, person selection → add persons with relations → add partners/children/parents → message about persons found → output → final message. The messages will inform about the status of the process and the process may be aborted.
- By **Edit List** the txt-file containing the list of persons of the reduced ged-file will be edited by the text editor defined by the "base settings" of the OFB program resp. Gedcom Start Center. Alternatively the standard text editor will be used.
- By **Edit log** the log-file will be edited by the text editor defined by the "base settings" of the OFB program resp. Gedcom Start Center. Alternatively the standard text editor will be used.
- By **Start Browser** the browser will be opened to show the created html-file.
- Pushing **Close** exits the program and creates an ini-file containing the file names of the glsd files for later re-use. If data have been changed a confirmation dialog for data saving will pop up.
- Messages will be written to the status bar at the bottom of the screen.

3.1 Tab "Selection Definitions"

3.1.1 Tab "Person- & Data groups"

The selection of persons will be done by up to 3 steps. However, it is also possible to transfer all people of the ged-file for transferring only a subset of the data field.

Step 1:

All persons of the ged-file are available for selection at this step.

By the button **Select persons** the "*Person Selection Screen*" described at 4 to reduce the number of persons will show up. The text color is

- black: no selection is defined
- green: a selection is defined without errors
- red: faulty selection – please correct

By the button **Select places** the appropriate tab will open. The text color as described before.

By the button **Select additions** the appropriate tab will open. The text color as described before.

At least one of the methods of selection has to be defined.

The group box **Logical relationship to ...** is active only if at least more than 1 method of selection is defined. Here the relations between the selections will be specified.

- **AND-Relation:** If both methods show the result TRUE, the person is selected.
- **OR-Relation:** If only one or both of the methods is TRUE, the person is selected.

Step 2:

All persons found at step 1 are available for selection at this step.

In the group box **For the persons found add their ...** following items can be chosen – only active if selection

of persons is chosen:

- **Ancestors** will include all ancestors of the selected persons. If also the option "*Partner*" is selected, the partners of the selected persons will be included.
- **Descendants** will include all descendants of the selected persons. In this case the option "*Children*" should not be selected because they are all descendants.
- If *Ancestors* and/or *Descendants* are selected, the maximum number of **Generations** can be defined for each group separately. Allowed are the values 0..60, where "0" means unlimited. Ancestors and descendants will be calculated using the "Parents/Children" relations described below. The "secondary parents" will not be used.
- **Warning if more than ...** defines the number of persons selectable as proband without warning message for the following step of selections. If this number will be exceeded a confirmation dialog will show up. A value of "0" allows an unlimited number of persons.
Note. A high number of probands can take a long time to find all their ancestors and descendants, because for every single person their pedigree will be analyzed.

Now the group of the *selected persons* – from selection of places, additions, persons, ancestors and descendants – is completed. In addition to these selected persons you may choose the following described groups.

Step 3:

All persons found at step 1 + 2 are available for selection at this step.

In the group box ***Beside these selected persons choose their ...*** following items can be chosen

- **Partner** will include all partners of above persons. The related FAM records without the CHIL lines will be selected.
- **Children** will include all children of above persons. From the related FAM records only the CHIL lines will be selected.
- **Parents** will include all parents of above persons.

Now the group of the *found persons* – from selected persons, partner, children and/or parents – is completed.

- **Relations (ASSO / ALIA / ...)** and others having a relation to above persons according the definitions at tab "Gedcom Profile" > tab "Relations". If selected by the Gedcom profile, only ALIA in the format "1 ALIA @lxxx@" will be processed here (lxxx = person record nbr.).
- **Parents/Children ...** allows the inclusion of different parent-child relations. See explanations at User Guide GSP 1 for "*GSP – Gedcom Profile*" at tag "Parent-Child Relations". Here the biological parents and optional the **Uncertain** Parent-Child relations will be used.
- **Sec. parents/children:** These are "secondary" Parent-Child relations of the grouping **uncertain** (if not already selected above), **adoption, foster** or **others**.

The group box ***Date processing during reading*** allows a completion of incomplete date values to allow a selection and calculation.

- **Use "15" for date without day** takes instead of day 0 the 15. As middle of the month.
- **Use "01 JUL" for dates without day and month** takes instead of the plain year the 1st of July as middle of the year.
- **Use "5" for years, ending by ...** replaces those years digits containing at their end 1 substitution character (Example: 189x for a missing/unknown last digit) by "5" as middle of the decade. The substitution character may be any character.

Note: For persons covered by privacy protection the selected options for media, FAM- and ASSO data will be suspended.

- By **Edit Def** a file with all active definitions will be created and loaded by the text-editor defined at the OFB resp. Gedcom Start Center at "Base settings". Alternatively the standard editor will be used.
- By **Del Def** the file with the active definitions will be deleted.
- By **X** at the bottom right all fields of the tab will be set to their default values.

3.1.2 Tab "Select places"

Fig 2: Tab "Select places"

Selection of places to limit the places, defined by the PLAC tag of the ged-file. The whole file will be searched according the following criteria and only the matching persons will be used for the further analysis.

- At **Data fields** the required place groups to be used for the comparison may be specified. By **on/off** all field will be switched on or off.
The "*Residency*" for persons and families contains the PLAC tag values of the RESI tags.
The "*Event/Fact place*" contains all PLAC attributes of those events resp. facts, not covered by the standard data elements for places.
- By **New** all fields will be initialized.
- At the group **Names of places** the names of places have to be entered at *Text for search*. Several names to be separated by ";" . The names may contain wild card characters "*" and "?" and can be in lower case. Details are described in the User-Guide part 1, Attachment section "String comparison". Example: with the data "*b?rg;her*" all places ending e.g. with "berg", "burg", "borg" and all places starting with "her" will be included or excluded. Blanks at the beginning or end of the text is not allowed.
- Per option switch it will be defined whether those places will be **included** or **excluded** .
- In case of an error the concerning text will be colored red:
 - Data field – if none is selected, but required.
 - Text for search – if none has been entered, but required
- At the group **further Options** are available
 - **only 1. part of PLAC** will use from the PLAC tag only the text in front of the first comma, as far as multiple parts are separated by comma. This setting also will be used for output of PLAC data.
- By the button **Select persons** the program will switch to the tab "*Person- & Data groups*". The text color is
 - black: no selection is defined
 - green: a selection is defined without errors
 - red: faulty selection – please correct.

3.1.3 Tab "Add Selection"

Beside the selection of persons and places, an additional selection is offered to selected those data not available by the other selections. 4 additional fields are available. The whole database will be analyzed according the criteria defined. Only those records complying to the criteria will be made available for the further analysis.

Fig 3: Tab "Add Selection"

- Group field **Definition of additional selection fields** allows the definition of up to 4 selection fields S1..S4.
The definition must be done according the setup of the ged-file. The tags must be entered level by level up to that tag, whose attribute text should be used as data value.
 - **I/F** allows the selection of INDI or FAM records.
 - At **TAG_1** the required level-1 tag has to be entered (always in CAPITAL). If this tag already contains the desired text – at S3 e.g. "1 NATI CH", the adjacent cells stays empty.
 - At **TAG_2** the required level-2 Tag tag has to be entered (always in CAPITAL). If this tag already contains the desired text – at S2 e.g. "2 PLAC Mexiko", the adjacent cells stays empty.
 - At **TAG_3** the required level-3 tag has to be entered (always in CAPITAL). This only is required in rare cases.
 - The **TYPE_2 zzz** is active only for TAG_1 "EVEN" or "FACT". Here the desired TYPE text has to be entered in the same format (upper/lower case) as in the ged-file. In addition the TAG_2 and, if needed, TAG_3 has to be entered, where the data value has to be taken – in S1 e.g. for TYPE "Flug von Rom" the corresponding place..
 - Pushing **"?"** opens an info-screen with a short description.
 - Pushing **"X"** clears the field of the related line.
- Note:**
Date fields may be defined only at S1 and S2!
As TAG_2 and TAG_3 **no** CONC and CONT allowed. These will be processed automatically by the program.
Explanations to above example:
 - S1: From the INDI record all "1 EVEN" tags with the sub-tag "2 TYPE Flug von Rom" will be analyzed and the text "xxx" following "2 PLAC xxx" will be used as data value.
 - S2: From the INDI record all "1 BIRT" tags will be analyzed and the text "xxx" following "2 PLAC xxx" will be used as data value. (This is only an example, because birth place is already a standard data field at selection of places / persons).
 - S3: From the INDI record all "1 NATI xxx" tags will be taken and the text "xxx" used as nationality data.
 - S4: From the FAM record all "1 ENGA" tags will be analyzed and the text "xxx" following "2 PLAC xxx" will be used as engagement place.
- The group fields **Comparison operations** and **Logical relationship** are identical to Person Selection Screen on page 19. **Note:** Only A0 and A1 can reference to date fields.

- Before leaving the tab a **Check** for logical correctness of the formulas must be done. Errors will be marked by a red "F". After correction a new check must be done. The button will stay in red as long as no error free check is performed.
- By **New** all fields will be cleared.
- By the button **Select persons** the program will switch to the tab "Person- & Data groups". The text color is
 - black: no selection is defined
 - green: a selection is defined without errors
 - red: faulty selection – please correct.

3.1.4 Tab "Special Selection"

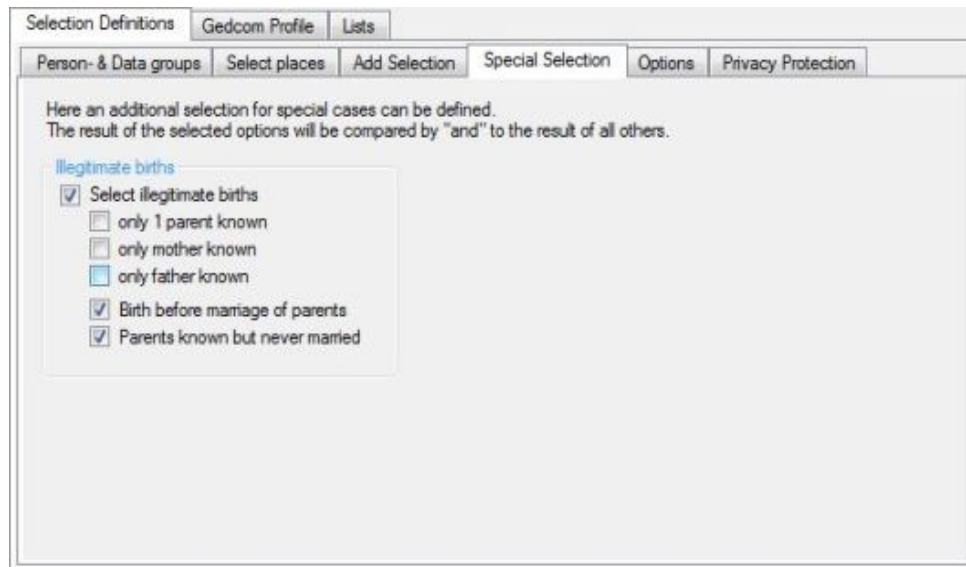


Fig 4: Tab "Special Selection"

This offers a selection for special cases, not yet provided by the above defined selections.

The result of the selected options will be compared to the result of all other already processed selections by an "AND" comparison. That means only if a person is selected by all previously performed selections and also is selected by this selection, the person finally will be selected. In case no previous selection is defined, only the result of this selection will be used.

- Group field **illegitimate births** provides the options to select these persons.
 - **only 1 parent known** selects persons, whose father OR mother is known.
 - **only mother known** selects persons, whose mother is known.
 - **only father known** selects persons, whose father is known. These 3 options are alternatively selectable only.
 - **Birth before marriage of parents** selects persons born before their parents got married. For calculation following rules apply, independent of any prefix text.
 - If both dates are complete → YYYY.MM.DD
 - If the day is missing at at least 1 date → YYYY.MM
 - If the day and the month are missing at at least 1 date → YYYY
 - Existing prefix text will NOT be used, only the date value will be taken.
 - **Parents known, but never married** selects persons, whose parents are both known, but never got married.

3.1.5 Tab "Options"

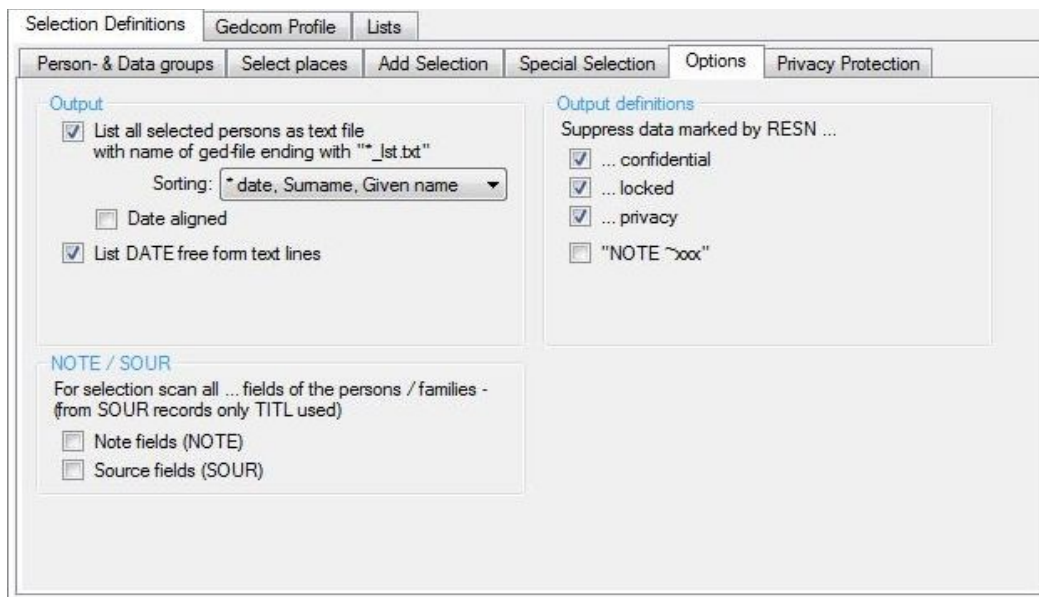


Fig 5: Tab "Options"

Defines options for reading the ged-file, their further processing and the output of the reduced ged-file.

- **Output:**

- **Create list of persons ...** creates a text file containing all persons of the reduced ged-file. The format is "Surname, Given name, (fromYYYY – toYYYY)" and the sorting according the proband selection list.
- The **Sorting** of the list may be done by the proband selection list setup or by Surname and Given name.
- **Date aligned** searches for the longest name and aligns the dates accordingly.
- By **List DATE free form text lines** those date lines will be listed, whos text is completely bracketed and therefor so called "free form text" – Example:: "2 DATE (Eastern 1920)". The list will be copied to the log-file and the validation results tab.

- **Output definitions:**

- By **Suppress data marked by RESN ...** data labeled by ... **confidential** or ... **locked** or ... **privacy** will be suppressed for processing. Based on the level nbr. whole INDI or FAM records or several events/facts will be suppressed.
 - Several programs, e.g. Ages!, marks confidential classified notes by a prefixed tilde "~". By **NOTE ~xxx** such marked notes can be suppressed for output.

- **NOTE / SOUR:**

- if selected all NOTE resp.. SOUR tags of the person will be searched for select persons.
- if not selected, only the level-1 tags and the level-2 tags of birth, christening, death, burial and marriage will be searched.

3.1.6 Tab "Privacy Protection"

Here sensitive dates, place names and given names can be replaced or suppressed on the output the. For all persons uniform values for birth, death and marriage will be used for calculation to decide, if the privacy protection for the particular person applies.

- Group box **Options - Standard**

The selected options will be active for those persons, where the conditions for privacy protection are met. The date and place options are only related to birth, death and marriage. Not every option may be combined with each other.

Fig 6: Tab "Privacy Protection"

- **Replace place** by the text entered at the *Replacement text for ...* area.
- **Suppress place** prevents the output of the place text.
- **Suppress date** prevents the output of the affected date.
- **Show only year** deletes day and month of the affected date.
- **Replace given name** by the text entered at the *Replacement text for ...* area.
- **Given name initials** just the initial of the affected given name will be listed.
- **Only Standard columns 1-3** lists only the data of the 3 standard columns.
- **Suppress persons** prevents the output of the concerned person. If for families <2 persons (parents + children) remains, the family will also be suppressed.
- **Nbr. of years** defines the limits for death, marriage/partnership and birth. If death/birth dates are not known, the burial/christening dates will be used. If no date is known, this test will be skipped. A value of "0" will skip the test for the date of the corresponding event.
- The **Method** defines the rules for the privacy protection.
 1. **Each event separate. ...** This option is available only, if the place, date and/or base options are selected. All 3 events will be tested separately and the result only used for the particular event. For all other events the place and date data will be put under privacy protection if already one comparison is "true".
 2. **The most critical event by time. ...** All 3 events will be tested separately. As soon as 1 comparison is "true", this result will be used for all 3 events.
The test ends, when the first comparison is "true".
- **Replacement text for ...** allows the definition of a replacement text for **Place** and **Given name** for above replacement options.
- By selecting **List rules** a text file with the selected rules for privacy protection will be created. This file can be called by the index list. The file will be stored in the output folder with the name "rules_pp#.txt" where "#" means the OFB-typ e1..9.

- By selecting **Person list** a list of all persons, covered by privacy protection, will be created. The file "xxx_ds_pers_lst.txt" will be stored at the folder of the ged-file and includes for every affected person the name, the Id-nbr. and the date values for birth, christening, death, burial and marriage, if available. "xxx" is the file name of the ged-file.
- By the **Edit** buttons the lists will be opened by the text editor.

3.1.7 Tab Privacy Protection Standard – Special Cases

Person- & Data groups Media Select places Select data Options Privacy Protection

Privacy Protect Standard PP Standard - Special cases Privacy Protect Individual

For calculation of Privacy Protection only the date values will be used without the uncertainties.
For dates of the format "BET xxx AND yyy" the value yyy will be used.
Below possible special cases as addition. These will be tested before applying the selected methode.

Set Privacy Protection for event ...

Death for missing date of death

Set Privacy Protection for persons if ...

No date known for birth, death + marriage

Set Privacy Protection for events at ...

every event with AFT - also AFT 1680 !

those events with AFT <100 years from the actual date

but if a birth date without AFT exists and privacy protection was calculated, this also will apply for death and marriage

Fig 7: Tab "Privacy Protection Standard – Special Cases"

In addition to the standard following special cases can be handled. The respective events (birth, death and marriage – if birth or death dates are not known, the christening resp. burial dates will be used if they exists and if the option at tag "Lists" > "Output options" is selected) will be checked and thereafter combined by the selected standard method.

- Group box **Set Privacy Protection for event**
 - **Death for missing date of death** will set the event death to privacy protection.
- Group box **Set Privacy Protection for person if**
 - **No date known for birth, death + marriage** will set all 3 events and consequently the person to privacy protection.
- Group box **Set Privacy Protection for events at**
 - **Every event with AFT** will set every event with an AFT date to privacy protection, even very early dates like AFT 1600.
 - **Those events with AFT <xx years from the actual date** Activates the privacy protection for date values with "AFT", if the value for the event is <xx years from the actual date. The "xx" will be taken from the defined years for birth on tab "PP Standard".
 - **But if a birth date without AFT exists and privacy protection was calculated, this also will apply for death and marriage** The result of the checking for birth will also be applied for death and marriage without further calculation as far as these are "AFT" values. This will avoid, that a person born 1899 and died "AFT 1980" will be set to privacy protection.

3.2 Tab "Lists"

Contains 3 tabs for the definition of the list output.

The output will be done in table format as html-file and optional as csv-file. The file name will be compiled by the file name of the ged file and the added file name of the glsd file. Both will be stored at the sub-folder **"list"** of the folder where the ged file is stored.

3.2.1 Tab "Output data fields"

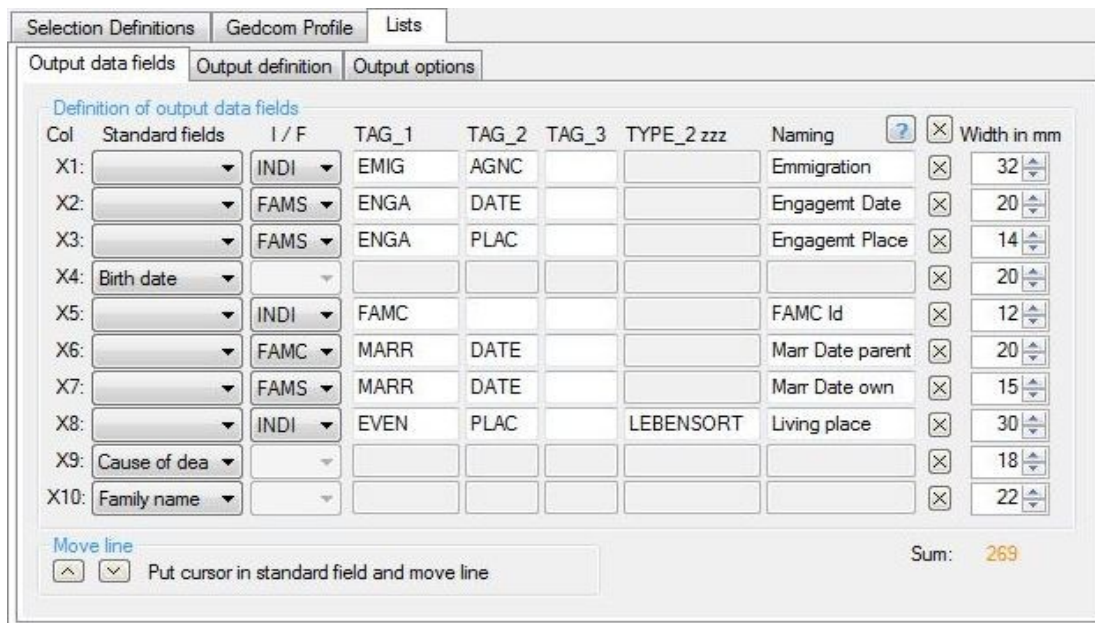


Fig 8: Tab "Output data fields"

Up to 10 data fields (X1 - X10) for output may be defined. The fields will be listed column by column in the defined sequence. For output the text of the fields will be taken 1:1 without any formatting, even the date text. As TAG_2 and TAG_3 **no** CONC and CONT is allowed.

For the defined fields **always** the text of existing CONT and CONC tags will be taken and joined to the main tag, CONC text will be concatenated without any additional character and CONT text will be linked by the sign "α". In case of multiple level-1 tags, the text of these same tags will also be linked by this sign. For html-output the sign will be replaced by "
" (break).

For output in front of column 1 a running number, the name of the person and the record Id will be placed and dont have to be defined in addition.

- Group field **Definition of output data fields** is for the definition of the fields.
 - At **Standard fields** the standard fields - see fig 9 - may be selected. Only if not such a field is selected, the adjacent fields are active.
 - At **I/F** the record type can be selected from where the data should be assigned to the selected person:
 - INDI: The data will be taken from the INDI record.
 - FAMS: The data will be taken from the FAM record. These data are the **own** family data, e.g. the own marriage.
 - FAMC: The data will be taken from the FAM record. These data are the family data of the **parents**, e.g. the marriage data of the parents.
 - For fields **TAG_1 .. TYPE_2 zzz** see description at section Tab "Add Selection" on page 9. Selected FAM data will be added to the related partners. For DATE fields the original text will be listed.
As TAG_1 a single asterisk "*" may be entered. This will analyze all level-1 tags.

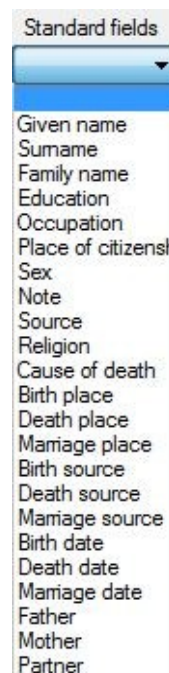




Fig 9: "Standard fields"

Explanation to above example:

- X1: From the INDI record all "1 EMIG" tags will be analyzed and the text "xxx" of "2 AGNC xxx" will be used as name of agency.
 - X2: From the FAM record all "1 ENGA" tags will be analyzed and the text "xxx" of "2 DATE xxx" will be used as date of the **own** (FAMS) engagement.
 - X3: From the FAM record all "1 ENGA" Tags will be analyzed and the text "xxx" of "2 PLAC xxx" will be used as place for the **own** (FAMS) engagement.
 - X4: From the selected standard field the related text will be used.
 - X5: From INDI record the "1 FAMC" tags will be analyzed and the Id-number will be used as data.
 - X6: From the FAM record all "1 MARR" Tags will be analyzed and the text "xxx" of "2 DATE xxx" will be used as place for the marriage of the **parents** (FAMC).
 - X7: From the FAM record all "1 MARR" Tags will be analyzed and the text "xxx" of "2 DATE xxx" will be used as place for the **own** (FAMS) marriage.
 - X8: From the INDI record all "1 EVEN" tags following by the defined "2 TYPE xxx" will be analyzed and the text "xxx" of "2 PLAC xxx" will be used as place of residence.
 - X9: From the selected standard field the related text will be used.
 - X10: From the selected standard field the related text will be used.
- At **Naming** the name of the field should be entered and will be used as column title. Therefore short data requires short names.
 - Pushing **"?"** *opens an info screen with a short description.*
 - Pushing **"X"** right of the "?" deletes all cells.
 - Pushing **"X"** right of the naming cell deletes all cells of the row.
 - As **Width in mm** the minimum column width of every column has to be defined. If a value is set to "0", this field will be skipped. The **Sum** of all columns is listed below of the width fields. This includes the 3 columns of the next tab. The color changes from black to green at 80mm, to orange at 180 mm and to red at 270 mm. Additional gap of 1-2 mm (2-5 px) between the columns will be added.
Note: The output will internally modified by the browser resp. printer to get all data to the columns. You have to get the optimum by testing.
- Group field **Move line** allows a line-by-line movement of the lines 1-10. Click into the cell of the standard field to be moved (This opens the list of the available standard fields, to be closed by an additional click. By this the cursor remains at the selected field invisible.) and by  and  the selected line will be moved by 1 position.

3.2.2 Tab "Output definition"

Fig 10: Tab "Output definition"

Here the sorting of the persons and the output of the 3 standard columns will be defined.

- Group field **Sorting sequence**
This has to be done first.
 - **No sorting** allows the output unsorted in the sequence of the ged-file.
 - For a sorting according **Data field** please note that no value may be used twice and at least the fields 1-3 have to be filled. Standard sorting sequence is 1st Surname, 2nd Date (birth date, for type 2 optional also marriage date), 3rd given name. This also will be activated by button **X**.
- To cover special requirements a "**special data**" field has been made available. For selection this usually should be priority 1. If this field has been selected subsequently the definition must follow. For this 2 alternatives are available:
- To define at **Sorting field**:
 - If "**Date**" is selected as data field, the type of **Date** must be selected. Available are birth/christening date, death/burial date and marriage/partnership date (if multiple, only the first one will be used). These date fields are prepared in the format YYYY.MM.DD.
 - If "**Special data**" is selected as data field, the type of **Special data** must be selected. Available are the 8 standard data fields.
- By **Sort missing date to** these may be sorted to the **beginning** or the **end** of the group.
- Group field **Delete special chars for sorting for ...**
At the 3 text fields for **Surname**, **Given names** and **Special data** any special characters may be entered. Multiple characters to be entered adjacent without any space. Blanks are not allowed. Every entered character will be deleted from the original text for sorting.
- At group field **Output standard columns 1-3** the width of the columns may be defined in mm. See explanation at the previous tab. Only the columns for **Name** and **Id-Nbr**. **INDI** can be set to "0" to suppress them.
 - **In csv-files split "Name" into Given- and Surname** lists in csv-files given name and surname in 2 fields instead of the original NAME text. This option is only active if csv-files are selected and the width of "Name" is > 0.

3.2.3 Tab "Output options"

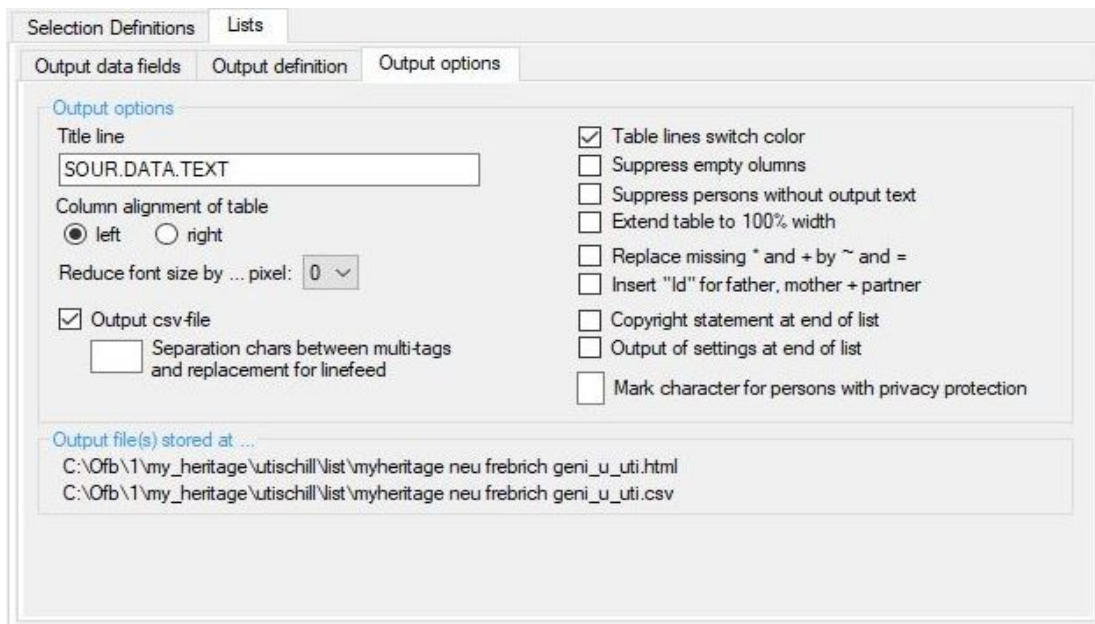


Fig 11: Tab "Output options"

Here further options for designing the output may be specified.

- Group field **Output options**

- Below of **Title line** the required title of the output may be entered.
- At **Column alignment** the alignment of the columns must be defined.
- At **Reduce font by ... pixel** the font size of the screen can be reduced by 1-3 px.
Note: The printer output will always be 1 px smaller than on screen.
- **Output csv-file ...** induces beside the standard output an output of the data as csv-file at the sub-folder "/list" of the folder of the ged-file.
 - **Separation chars between ...**
If the same tags are existing multiple within a record, their text will be concatenated. Between both the entered separation characters will be inserted.
These characters will also be used, if a text from a tag will be continued by a CONT tag.
Any characters may be defined. If nothing is defined, a space " " will be used as default.
- **Table lines switch color** allows for better reading a line-by-line output in the alternative colors "white" and "smoky white".
- **Suppress empty columns** sets internally the width of the affected column to "0", which will suppress the column.
- **Suppress persons without output text** suppresses those selected persons without any output text found in the html list. The csv file is not affected.
- **Extend table to 100%** inserts for HTML a control character, which will enlarge the output to 100% width of the browser screen resp. printer width.
- **Replace missing birth- and death data** by christening and burial data. This replaces missing data.
- **Insert "Id" for father, mother + partner** inserts for these persons, if they are selected as Standard field, their person-Id in front of their name.
- **Copyright statement at end of list** adds this to the listing. Standard is the output of "Author: xxx", where xxx is the name of the license owner.
- **Output of settings at end of list** lists all basic settings at the end of the html-list.

4 Person Selection Screen

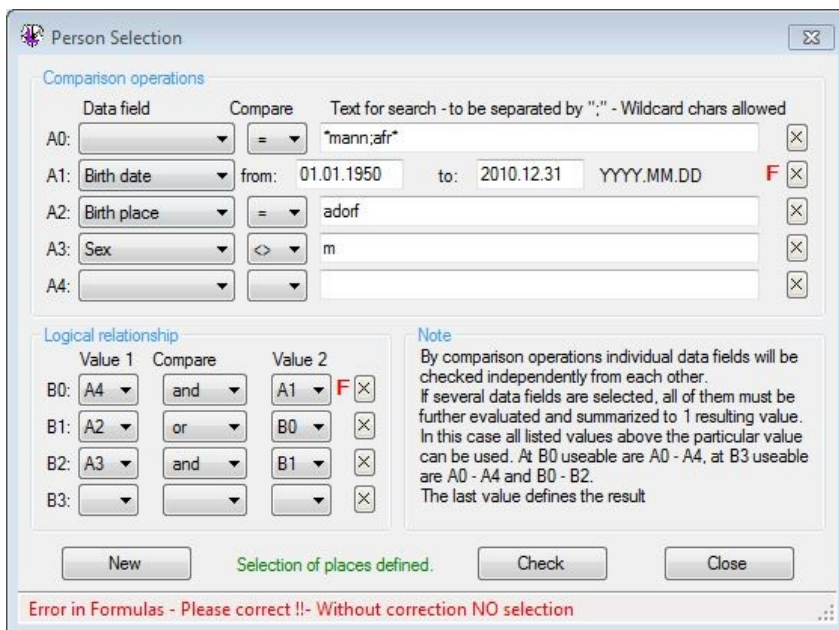


Fig 12: Person Selection Screen

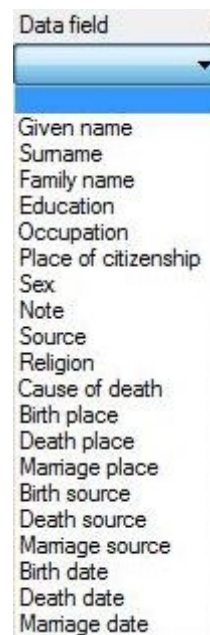


Fig 13: Data fields

Selects the desired group of persons from the database. For this purpose data fields can be compared search criteria and their result logical combined leads to one final result. The last used line of the window will be used as final result of the evaluation. An intensive error checking will be done.

In case no selection is required, pushing **New** will delete all entries.

By **Comparison operations** up to 5 comparison (A0 .. A4) of data fields can be done.

- Select **Data field**: Figure 13 specifies the data fields available by a Combobox. The date fields can only be used in the first 3 lines (A0, A1 and A2).

Results of Comparisons:		
Comp	SrchTxt	Result
"="	","	all empty fields
	"*,"	everything
	"?*,."	all none empty fields
	"W*::"	all starting with w + empty fields
"<>"	"?*,."	all empty fields
	"*,"	no field
	","	all none empty fields
from/to	0000.00.00	no date value

Table 1: Comparisons

- Select the type of **Comparison**: "=" and "<>" available for all other elements. The results of some special comparisons are also shown in the table (without "").
- Enter **Text for search** through the data field. Several items to be separated by ";" . They may contain wild card characters "*" , "#" and "?" and can be in lower case. Details are described in the User-Guide part 1, Attachment section "String comparison".

- **From**-date and **To**-date for the date fields must be entered strictly in the form "YYYY.MM.DD" !! "MM" and "DD" may contain any value.
- By option switch **Chri/Buri** the christening and burial data also will be compared by "or" to the birth and death data.

Marriage data will be used for both partners.

Selection of status **"died"**: To consider these cases during "Person selection", they can be found using the data field "Death place", the comparison "=" and the search text "Y". Internally the program will use the "Y" (for died) in case of available data in DATE, PLAC or SOUR or the Gedcom file contains for death the data "1 DEAT Y, if date and place are unknown.

By **Logical Relationship** the comparisons done at A0 - A4 will be logically compared. Doing this, you need 1 line less than for the comparison operation. Therefore B0 – B3 are available.

- **Value 1** and **Value 2** allows by a Combobox the possible codes A0 – A4 and B0 – B2.

- Select the type of **Comparison**: "and" and "or" are available.

The lines will be analyzed from top to bottom.. Therefor the last filled line contains the result. In above example, if free of errors, at A0 all Surnames ending with "mann" or starting with "alfr" , at A1 all birth and christening dates in the selected range, at A2 all birth places exactly named "adorf" and at A3 all persons not equal male sex will be selected. These results will be combined at B0 – B2. B2 then contains the final result (after all fails have been corrected in above example

- Pushing **X** will blank the fields in the line.
- Pushing **New** will blank all fields of the screen.
- Pushing **Check** will verify all entered data on their correctness. In case of a potential error, the line will be marked with a red "F". See A1 (wrong form of "from-date") and B0 (wrong value A4 – not filled) at above example.

Pushing **Close** will take all data and return to the main screen.