An initial attempt to describe some info in some record types for BetterGEDCOM   Version 0.0001 15.5.11 G.Thorud

The focus of this is on structures for E&C-persons (if used), "Evidence", Citations, Objectives and Tasks. The records are not complete.

Notation: * = zero or more, ? = zero or one, -> xxx record = link to record, -- = start of comment
italics are used to include comments in records that group structures in the record into a "unit" rather than having the record referring to a description of the unit outside the description of the record – as in Gedcom. Text in italics does not produce data, but its subordinates may.

Important: I am trying to describe the various bits and pieces of information and the relations between them. How this should be structured in a file is of lesser concern, so that structure could in theory be different. I have only included one way links between records, but applications will in many cases have to create two way links. All records have (UU)IDs that are not shown. **Correct terminology has not been a concern at this stage.**

Objective record
- Objective description
- Find out about who/what
    - -> Person record
    - More
- Tasks* -> Task record
- Result affected records
    - -> Person record*
    - -> Citation record*
    - More
- More

Task record
- Task description
- Source to search -> Source record
- Where to search* -> Repository record (or similar cf Req Cat)
- Found info */? -> Source lookup record
- More

Source lookup record
- -> Source record
- Where in source? (some citation elements)
- Source location* -> Repository record (or similar)
- Where in repository?
- *Extracts*
    - -> Source free text extract record?
        - Where in text extract?
        - Translations* ->Note
            - Language
    - Multimedia*
    - Default summary?   -- See Citation
    - *Codified result**
        - -> Person record*
        - More – Group, Place
    - Tabular extract* – a possibility
        - Where in extract
- Comment used for research only?
- Researcher? -> Researcher record
- Lookup date?

Person record
- Names*
    - -> Citation record
- Gender?
- Subordinate persons* -> Person record
- Event participations*
    - Role
    - Age
    - Event common data ->Event common data record
    - Superseded by? -> Person record 1)
        - Superseding Event ref -> Event common parts
    - Research note?
    - -> Citation record*
- Climbing note?
    - Person climbing note ref* -> Person 2)
    - Some text? -> Note record
    - Person climbing note ref* -> Person 2)
- Research note? – normally not published – could be climbing
- -> Citation record*
- More

1) If the record is linked to a superior person, Name, Gender, Event participation and Climbing note can have a "superseded" value referencing some superior person. An example for Event participation is shown.

2) Each ref is replaced by the "Some text" from the Climbing note in the referenced <u>subordinate</u> Person in the same sequence as referenced. To be improved for more flexibility?

If the record is linked to from a Source lookup record it shall reflect the values from the one source lookup accurately, no "interpretations", and may contain Citation links producing output in reports/charts (the link from Lookup will not produce citation output because citations has more

than info than be derived via that link – but the link from the lookup may let a program create parts of the citation).

A one level implementation will not use the Subordinate person link and not the Superseded structure and will not be linked to from a Lookup; links between the one Conclusion person to "Evidence" linked to from Lookup (possibly including person records) will go through Citations. A two level implementation will use Subordinate person, but I am not sure if the subordinate record could link to a Lookup record or use superseded (nFS may answer this, but I expect their system do not only have one source Personas at the lower level?).

Event common data record

- Date* -- cf. date format discussion
- Value(s)* – type, value pairs?
- Places name*
    o Place role -- here or in place name record
- Event note?
- Research note?
- ->Citation record*

Citation record

- Reasoning?
- Summary? -- Overrides default
- -> Source lookup record?/* 1) 2)
- Include translation of text? (=language)
- Maybe more parameters controlling inclusion of pieces from referenced records
- "QUAY"?
- -> Researcher record
- Non-printing 3)

There can be many citations per source lookup.
1) If no link to a Source lookup is present, the citation will only produce a foot/endnote with the text in Reasoning.
2) When referring to evidence it would be useful to be able to reference many sources, but we must decide if we want multi source foot/endnotes.
3) Non-printing suppresses output in reports and can e.g. be used when the record is used only to link data records (person etc.) with evidence for the researchers own use.

Source record

- Source type?
- More source citation elements
- *Extracts*
    o Multimedia*
    o -> Source free text extract record*
    o More
- Repositories* -> Repository record

Source free text extract record

- Free form text containing marked parts that can be referenced for presentation
- Language?
- Where in source?

Note record
- Structure TBD
- Referenced citations* -> Citation record
- Language?

General comments

There are many things missing in the model. For example there is no structure for relations between persons (although vital events have been proposed). There are no Group records, Place (name) records, Repository record, Multimedia record, Researcher record etc.

I have not compared the structures in this document with Gedcom. Such a comparison will result in additional structures, or other changes.

I have tried to avoid to use the term "Note" as name for a single element in a record, instead I try to use terms describing the intended content. Some elements could be encoded as notes although not shown here. I find this better than using Gedcom syntax NOTE that can contain anything, but unfortunately there are instances where the note corresponds to NOTEs in Gedcom that are not precise wrt its content. An issue may also be, what does it mean if Gedcom splits something into several consecutive notes?

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  -More
-Tasks* -> Task record
-Result affected records
  - -> Person record*
  - -> Citation record*
  --More
-More

Task record
-Task description
-Source to search -> Source
  record
-Where to search* ->
  Repository record etc
-Found info */? -> Source
  lookup record

Source lookup record
- -> Source record
- Where in source? (some citation
                elements)
-Source location* -> Repository
                    record etc
-Where in repository?
-*Extracts*
  - -> Source free text extract
      record?
      -Where in text extract?
      -Translations* -> Note
          -Language
  - ->Multimedia record*
  -Default summary? -- See Citation
  -*Codified result**
    - -> Person record*
    -More – Group, Place
  -Tabular extract* – a possibility
      -Where in extract
-Comment used for research only?
-Researcher? -> Researcher record
-Lookup date?

Person record
-Names*
  -Citation*
-Gender
-subordinate person
-Event participation
  -Role
  -Age
  -Event common data
  -Research note
  -Citation*
-Climbing Note? (see text)
-Research note?
-Citation*
-More

Citation record
-Reasoning?
-Summary? -- Overrides
    default
- -> Source lookup record*
-Include translation of text?
    (=language)
-Maybe more controlling
    inclusion of pieces from
    referenced records
-"QUAY"?
- -> Researcher record
-Non-printing?
-More

Event common data record
- Date* -- cf. date format
    discussion
-Value(s) – type, value
pairs?
-Places name*
    -Place role -- here or in
      place name record
-Event note?
-Research note?
- ->Citation record*

Note record
-Structure TBD
-Referenced citations* ->
    Citation record
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Source free text extract record
-Free form text containing
  marked parts that can be
  referenced for
  presentation
-Language?
-Where in source?

Source record
-Source type?
-More source citation elements
-*Extracts*
  -Multimedia*
  -> Source free text extract record*
-Repositories* ->Repository record
-More

There are differences between this diagram and the text
elsewhere, the text takes precedense.
Known diffs: Superceded in person role struct