The Logic of Creating Notes in NewSLP

What is a note?

Notes are **references** to small bits of information that can be recalled and supply information about a bigger project. For my purposes, notes can be of various data types: 1) people, 2) events, 3) places, 4) concepts 5) things, 6) study disciplines and 7) dates.

**Concepts** are, in general, intellectual formations that which may supply additional information about other data types related to people, events, places, things and disciplines. For example, they might supply belief linked to certain persons; reasons behind certain events; logic about inhabitants; names political affiliations etc. related to places or facts related to purely intellectual subjects such as how to do various actinon in mathematics, computing etc.

**Things** are real unique tangible objects such as: buildings, works of art, Dead Sea scrolls etc. Although books can be tangible, they are not unique and their importance, in most cases, is related the ideas (concepts) they contain.

**Disciplines** are various courses of study (computing, science, theology etc.) where one can record facts of importance that do not fall into one of the above generic data types. For example: in Computing ( C#, WPF, ListView how to select an item), in Mathematics (Geometry, how to derive the area of a circle) et .

**Dates** are NOT independent data types, but are associated with persons, places, events and concepts.

What notes contain.

A note will have: 1) a unique identifier; a list of key-words; and a list of hyperlinks to other data formats ( Word files, Images files, sound files, Video files, text files and Excel files.) and may contain bookmarks.

Some notes (persons, events, places, concepts, things) will have available propertis:

* Persons: Name, Title and dates, life dates, service dates, events and dates, parents, associates
* Events: Name, dates, associated persons, associated places, associated concepts
* Concepts: Name, dates, associated persons, associated locations
* Locations: Names, dates, associated persons, associated political affiliations

Where notes will be stored.

Notes will be stored in a base folder whose location is created and called on by the user. This Directory will contain sub-folders: KeyWords, people, events, places, concepts, things, and user-supplied study disciplines.

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A note in NewSLP will be a test file that contains a NoteObject. I NoteObject will have the following properties:

* a Name
* a hyperlink (to a Word, Excel, image, text etc) file +/- a bookmark
* a delimited list of Key words