Logic for developing a Notes-Link Page in the NewSLP program

MAIN TASKS:

* To create a collection of ‘named’ hyperlinks that are associated with a given DataNode within the Subject folder
* To create a collection of ‘named’ specific note cards that are associated with a given DataNode, within the Subject folder as well as a file containing KeyWords that link key words to specific note cards
* To create QA files that can be appended to the DataNode’s QAFile
* To be able to open external applications such as: Word, Excel, Chrome, Audacity, Paint3D, etc. that can be used to get or store information
* To be able to create a QA data string and append it to a QAFile
* Long term will be to develop a system of generic note cards in a generic folder holding note cards from many subjects. Within this folder there will be subfolders holding note cards related to: Concepts, Persons, Events, Locations, Objects all with their own key word files

SPECIFIC TASKS:

* After choosing a DataNode and opening this page I want to be able to call up the names of all hyperlinks associated with this DataNode
  + I want to choose a link and then open it
  + It might be to a word file, a mp4 video, a mp3 sound file, an Excel file etc.
  + I may want to edit it or copy part of it to the clipboard for further use in the current Links/Notes Page
* After choosing a DataNode and opening this page I want to be able to use any of the callable executables (Chrome, Word etc) to create a hyperlink
  + I will paste the hyperlink into one of the text boxes and will then create a name to be associated with this hyperlink as well as a unique ID number to be associated with this name/link pair to store in a Dictionary<string IDstr, string DelimitedNameLink>
  + The Names will be displayed in a ComboBox whenever I click a Show Links button or menu
  + Whenever the name is clicked the hyperlink will open

CONTROLS:

* A Menu Bar
  + Hyperlinks
    - Save this Hyperlink
    - Open this Hyperlink
  + Notes
    - Save this Note
    - Open this Note
  + Media Links
    - Question Image
    - Question mp3
    - Answer Image
    - Answer mp3
* A Label & TextBox for ‘Names’
* A Label & Textbox for the text of a Question, note, or hyperlinks
* A Lable & Textbox for Answers
* A Lable & TextBox for delimited key words
* A Label & TextBox for a bookmark
* A comboBox for displaying stored Note or Hyperlink names

TASK WORKFLOW DESCRIPTION:

Object: Creating and Using hyperlinks After designating a DataNode,

* I want to open the page and create hyperlinks associated with it.
* These links might be to an existing .docx file, a web address a .jpg file a \*/mp3 file and potentially other file types.
* I will have a ComboBox to choose the File type: 1) Word, 2) Web, 3) Excel, 4) Image, 5) Sound, 6) Video
* I want the hyperlink to have a name that describes the subject such as Ehrman Chapter 2-somethngs subchapter;
* I want to be able to either
  + Paste a hyperlink into a text box or
  + Select a hyperlink with the OpenFileDialog that will appear in the textbox
* I want to be able to add a bookmark if the link is to a Word document.
* Some links might be to a Web page. In this case the link would have a descriptive name such as Web-Wikipedia-St John, and a space to copy the Web URL to
* Some links might be to an Excel sheet that link would have a descriptive name such as Excel- Timeline of the New Testament
* Some links might be an image that would have a descriptive name such as Image-Map of Near East 500 BCE
* Some links might be a sound file that would have a descriptive name such as Sound-Words containing ‘A’ umlat
* Some of these links might be a Video mp4 file that would have a descriptive name such as Video-Somebody- Greek influences on Christianity
* To be able to create these links I will need to be able to access file names using the FileOpenDialog, ms Word, ms Excel, Audacity, Windows Media Player
* I want to be able to save all hyperlinks and their names in a text file and then display them in a combobox and, if a bookmark is present, in a text box
* I want to be able to click on an item in the combobox and then have the program open the link in the correct application
* to be able to do this is will need the following controls
  + a Menu bar, with:
    - An Applications menu which will allow me to open: 1) OpenFileDialog, 2) Word, 3) Excel, 4) Windows Media player, 5) Chrome Browser
    - A Data Type Menu
      * Hyperlink
      * Note
      * QA File
    - A Files menu which will contain:
      * Save the hyperlink including:
        + File type
        + the hyperlink
        + the bookmark, if any
        + the Name
      * Save a Note (specs to be developed later)
      * Open a Hyperlink (can also be opened by Right Mouse button up on the Name Combobox item
      * Open a Note by right clicking the Name combobox item
      * Save QA Pair (can only be done if a DataNode is specified)
    - A QA MediaFiles (can only be used if a DataNode has been specified)
      * Add Question Image
      * Ade Question MP3
      * Add Answer Image
      * Add Answer MP3
    - An Instructions Menu

QA Media files

Instructions

Files

Data type

Application

File type

* A ComboBox 1) Word, 2) Web, 3) Excel, 4) Image, 5) Sound, 6) Video

SName BookMark

Hyperlink

**Link ListView**

The list of type, Name +/- bookmark will appear here and clicking on it will

select it so that it can be opened with the File Open (type link or note) menu item of right clicking it here will automatically open i

Label 1 (will change depending on Note/QA) Label 2 (will change depending on Note/QA

This Textbox will contain:

1) if Note, the Key words

2) if Question/ Answer the Question