Data Structures in NLSProgram

Folders and Files in the Subject Folder

Folders

[DataNodesNoteReferencesFiles](#DataNodesNoteReferencesFile)

[Hyperlinks](#Hyperlinks)

[QAFiles](#QAFiles)

QAResults

Files

[ItemCount](#ItemCount).txt

[NodeDataStrings](#NodeDataStrings).txt

Folders and Files in the References Folder

Folders

CompositData

[KeyWordsDictionary.txt](#KeyWordsDictionary)

[ListOfKeyWords.txt](#ListOfKeyWords)

[NoteReferenceFiles](#NoteReferenceFiles)

Files

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DataNodesNoteReferencesFiles

Delimiters: 1st = ^

Example = Ebionites - Wikipedia^A

Items

Example Notes on Ehrman Chapter 24 ^BR

0. The NoteName , which is also the Name item in of File in the ‘References’ NoteReferenceFiles folder

i.e. C:\Users\Owner\OneDrive\Documents\Learning\Religion\ReligionReferences\NoteReferenceFiles\A.Txt =

Ebionites – Wikipedia ^C:\Users\Owner\OneDrive\Documents\Learning\Religion\Christianity\Groups\Ebionites.docx^^Ebionites;Jewish Christian Adoptionists;Gospel of the Ebionites;James the Just;Christology;Gospel of the Ebionites;

1. The name of the Note Reference File in Base 26 (i.e. A.txt, B.txt …)

**NOTE: If you change the name of NoteName in the DataNodesNoteReferencesFiles text file you must also change it to the same new name in the NoteReferenceFiles text file.**

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**Hyperlinks Folder**

Each file in this folder has its name created from the Node ID of the subject node that created it. Each line in the file represents a separate hyperlink

**Example:** Questions from Ehrman Chapter 24 - Early Christian Self-Definition C24\_S01^C:\Users\Owner\OneDrive\Documents\Learning\Religion\Christianity\Writings\New Testament\Bart Ehrman - The New Testament Notes and Questions\Chapter 24 Christians and Jews - Hebrews, Barnabas, and Later Anti-Jewish Literature.docx^Word^C24\_S01

Delimiters: 1st = ^

Structure: Each line refers to an individual hyperlink file and there are 4 items in each line

Example = for … \Test-ReviewFiles\Hyperlinks\2.txt

* + 1st Hyperlink
    - HyperlinkName i.e.Variety of Early Christianity^
    - Url i.e. C:\Users\Owner\OneDrive\Documents\Learning\Religion\Christianity\Writings\New Testament\THE NEW TESTAMENT- Study Version by Bart D. Ehrman.docx^
    - FileType i.e. Word^
    - BookMark i.e. DiversityOfEarlyChristianity
  + 2nd Hyperlink
    - HyperlinkName i.e.Annotated Notes - Varieties of Christianity^
    - Url i.e. C:\Users\Owner\OneDrive\Documents\Learning\Religion\Christianity\Writings\New Testament\Bart Ehrman - The New Testament Notes and Questions\Chapter 01 Notes and Questions.docx^
    - FileType i.e. Word^
    - BookMark i.e C01\_S01

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**QAFiles Folder**

All the files in this folder are names seriatim with numbers, i.e. 2.txt…54.txt

Delimiters: 1st = ^

Structure: Each line represents a Quations/Answer pair conglomerate with any accompanying media files

* Integer number of current QA pair conglomerate
  + i.e. 3
* Question
  + This is question 4.
* Answer
  + *In this example there was no question*
* ThisQuestionJPG

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QAResults

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ItemCount.txt

The ItemCount is the number of items already created. Because the first item created will have and Node ID of 0, then the current value of the ItemCount is used to create the Node ID

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NodeDataStrings.txt

Example

ɀ+ ɀRootɀ\*ɀ0ɀ6ɀfalse

ɀ+ ɀs1ɀ\*0ɀ1ɀ3ɀfalse

ɀ+ ɀs2ɀ\*1ɀ2ɀ2ɀfalse

ɀ+ ɀs3ɀ\*2ɀ3ɀ2ɀfalse

ɀ+ ɀs11ɀ\*00ɀ4ɀ1ɀfalse

ɀ- ɀs21ɀ\*10ɀ5ɀ0ɀfalse

ɀ- ɀs31ɀ\*20ɀ6ɀ0ɀfalse

ɀ- ɀs12ɀ\*01ɀ7ɀ0ɀfalse

ɀ- ɀs22ɀ\*11ɀ8ɀ0ɀfalse

ɀT ɀs11Tɀ\*000ɀ10ɀ0ɀfalse

ɀ+ ɀs4ɀ\*3ɀ13ɀ4ɀfalse

ɀ- ɀs41ɀ\*30ɀ14ɀ0ɀfalse

ɀ+ ɀs42ɀ\*31ɀ15ɀ3ɀfalse

ɀ- ɀs43ɀ\*32ɀ16ɀ0ɀfalse

ɀ+ ɀs44ɀ\*33ɀ17ɀ1ɀfalse

ɀ- ɀs421ɀ\*310ɀ18ɀ0ɀfalse

ɀ+ ɀs422ɀ\*311ɀ19ɀ2ɀfalse

ɀ- ɀs423ɀ\*312ɀ20ɀ0ɀfalse

ɀ- ɀs4221ɀ\*3110ɀ21ɀ0ɀfalse

ɀ- ɀs4222ɀ\*3111ɀ22ɀ0ɀfalse

ɀ- ɀs441ɀ\*330ɀ23ɀ0ɀfalse

ɀ- ɀs5ɀ\*5ɀ24ɀ0ɀfalse

Each line of this txt file is added when ever a new subject node is created. Although they appear to be ordered by level, they are not. The true ordering is by the NodeLevelName which is item 3. For example the second line ‘ ɀ+ ɀs1ɀ\*0ɀ1ɀ3ɀfalse’ is followed by ‘ ɀ- ɀs22ɀ\*11ɀ8ɀ0ɀfalse’ its true child is actually on line 5 ‘ ɀ+ ɀs11ɀ\*00ɀ4ɀ1ɀfalse’, as indicated by the node level name which is created from the parent’s NodeLevelName (i.e. \*0) and the current node’s child number (i.e. 0).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| LeadingChars | CI | NodeName | NodeLevelName | ID | NOC | HasDataString |
| Column Number | | | | | | |
| 0 | 1 | 2 | 3 | 4 | 5 |  |
| ɀ+ ɀs4ɀ\*3ɀ13ɀ4ɀfalse | | | | | | |
|  | + | s4 | \*3 | 13 | 4 | false |
| ɀ- ɀs4222ɀ\*3111ɀ22ɀ0ɀfalse | | | | | | |
|  | - | s4222 | \*3111 | 22 | 0 | false |

Delimiter

Structure:

item 0 = LeadingChars: {3 blank chars for each indentation level} the Root level has no leading characters

item 1 = CI: Children Indicator: "+ " or "- " to indicate children or not

item 2 = Node Name: This is the name you assigned to the node

item 3 = NodeLevelName: Created by concatenating the Parent’s NodeLevelName with the current item Child position, with the 1st being number 0

item 4 = ID: This is an integer indication the ID of the Node which will be used in ?????, it is preceeded by a '\*' because the

first entered node is node 1 an \* without and int indicates no id

item 5 = (int)NOC: An Integer indicating the number of children

item 6= (bool)HasDataString: either "false' or 'true' to indicate that the node has a DataString !!!NOT USED!!!

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KeyWordsDictionary.txt

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ListOfKeyWords.txt

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NoteReferenceFiles

Delimiters: = 1st ^

= 2nd ;

Non-KeyWord indicator = #

Example file

Notes on Ehrman Chapter 24 ^C:\Users\Owner\OneDrive\Documents\Learning\Religion\Christianity\Writings\New Testament\Bart Ehrman - The New Testament Notes and Questions\Chapter 24 Christians and Jews - Hebrews, Barnabas, and Later Anti-Jewish Literature.docx^C24\_S01^Anti-Semitism;#Early issues dividing Christians and Jews;#Justification Christianity Not Jewish;Apocalypticism;#Delay As The Cause Of Apostacy;Apostacy;#No Escape From Judgement in Hebrews;Canon;#Epistle of Barnabas included in that of Clement of Alexandria;Catholic Epistles;Christology;#Humanity versus Divinity of Christ;Barnabas, Book;#Canonical Status;#When Was It Written;#Where Was It Written;Ethos;#Conflicts With Non-Christian Jews;Exegesis;#Allegorical Interpretation In The Epistle Of Barnabas;#Epistle Of Barnabas Exegeses Of The Hebrew Bible;Hebrew Bible;#Christ Superior To The Law;#Consequences Of Disobeying God;Hebrews, Book;#Epistle to the Hebrews;#Overarching Theme;Platonism;#The Law Is A Shadow Of Reality;Sociology;#Self-definition of Christians;#GroupBoundries of Christians;#Boundaries Dividing Christians And Pagans;

Items:

0 = NoteName

1 = URL to referenced file

2 = Bookmark within the file

3 = KeyWords and Non-KeyWord examples

**Note: As of 2021 11 18 I have grouped all Non-KeyWord examples behind the key word they are related to and have changed to BookMark of Note files to KWL which is a table of Key words and the hyperlinks to the Non-KeyWord examples**

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