Assignment1

+<u>main</u>(arg:String[]):void
+start(primaryStage:Stage):void

uses

uses

MainDisplayView

-controller:MainDisplayController
-vocabTable:TableView<Vocabulary>

+MainDisplayView()
+setController(c:MainDisplayController):void
+getController():MainDisplayController
-setDefaultColumnSize():void
-closeMenuAction(event:ActionEvent):void
-openExportFileMenuAction(event:ActionEvent):void

DictionaryModel

-dictionaryEntries:ObservableList<Entry>
-currentFile:ObservableList<Entry>

+DictionaryModel()
+getDictionaryEntries():ObservableList<Entry>
+addEntry(e:Entry):void
+setCurrentFile(file:DictionaryFile):void
+getCurrentFile():DictionaryFile

uses

uses

MainDisplayController

-view:MainDisplayView
-model:DictionaryModel
-primaryStage:Stage

+MainDisplayController(view:MainDisplayView, model:DictionaryModel)
+setPrimaryStage(stage:Stage):void
+getPrimaryStage():Stage
+openExportFile():void
+openDictionaryFile():void
+saveDictionaryFile():void
+closeProgram():void

AnkiDataReader

-controller:MainDisplayController
-ankiFile:File
-dictionaryEntries:ObservableList<Entry>
-EXPRESSION_FLAG:String
-NOTES_FLAG:String
-END_FLAG:String
-VOCAB_SEPARATOR:String
-NEW_WORD_FLAG:String

+AnkiDataReader(mdc:MainDisplayController, file:File)
+readData():void
-extractExpression(s:String):String
-extractVocab(s:String):ArrayList<Vocabulary>
-splitString(s:String):String[]
-convertToVocabulary(line:String):Vocabulary
-createEntries(vocab:ArrayList<Vocabulary>, expression:String):ArrayList<Entry>
-addEntriesToList(entries:ArrayList<Entry>):void

uses   uses   uses

Vocabulary

-word:String
-partOfSpeech:String
-definition:String

+Vocabulary()
+Vocabulary(word:String, pos:String, def:String)
+setWord(w:String):void
+setPartOfSpeech(pos:String):void
+setDefinition(def:String):void
+getWord():String
+getPartOfSpeech():String
+getDefinition():String
+toString():String

MainDisplayController

Entry

-sentence:String

+Entry()
+Entry(word:String, pos:String, def:String)
+Entry(vocab:Vocabulary, sent:String)
+setSentence(sent:String):void
+getSentence():void
+toString():String

MainDisplayController

-view:MainDisplayView
-model:DictionaryModel
-primaryStage:Stage

+MainDisplayController(view:MainDisplayView, model:DictionaryModel)
+setPrimaryStage(stage:Stage):void
+getPrimaryStage():Stage
+openExportFile():void
+openDictionaryFile():void
+saveDictionaryFile():void
+closeProgram():void

uses

uses

AboutDialogView

-aboutDialogViewStage:Stage
-controller:MainDisplayController
-okButton:Button

+getController():MainDisplayController
+getAboutDialogViewStage():Stage
+setController(controller:MainDisplayController):void
+setAboutDialogViewStage(stage:Stage):void
+okButtonAction(event:ActionEvent):void

FileDialog

-controller:MainDisplayController

+FileDialog(c:MainDisplayController)
+openExportFile():File
+openDictionaryFile():DictionaryFile
+saveDictionaryFile():DictionaryFile

uses

uses

MainDisplayView

DictionaryModel

uses

uses

Entry

uses

DictionaryFile

-file:File
-changedSinceSave:SimpleBooleanProperty

+DictionaryFile(s:String)
+DictionaryFile(file:File)
+setFile(file:File):void
+setChangedSinceSave(changed:boolean):void
+getFile():File
+getSaveState():boolean
+getChangedSinceSaveProperty():SimpleBooleanProperty