

My Project

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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

JPanel	
translationVisualizatonGUI.ColorLegendPanel	5
translationVisualizatonGUI.ConcordancePanel	5
translationVisualizatonGUI.VersionChosenPanel	10

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

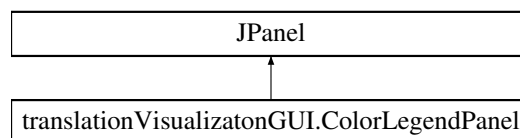
translationVisualizatonGUI.ColorLegendPanel	5
translationVisualizatonGUI.ConcordancePanel	5
translationVisualizatonGUI.VersionChosenPanel	10

Chapter 3

Class Documentation

3.1 translationVisualizatonGUI.ColorLegendPanel Class Reference

Inheritance diagram for translationVisualizatonGUI.ColorLegendPanel:



Public Member Functions

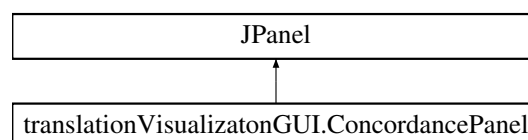
- GridBagConstraints **getConstraint** ()
- [ConcordancePanel](#) **getM_ConcordancePanel** ()
- void **setM_ConcordancePanel** ([ConcordancePanel](#) m_ConcordancePanel)
- void **setColorLegend** (List< Map.Entry< Integer, Color >> m_ColorIndex, List< Map.Entry< String, Integer >> m_FrequencyIndex)

The documentation for this class was generated from the following file:

- ColorLegendPanel.java

3.2 translationVisualizatonGUI.ConcordancePanel Class Reference

Inheritance diagram for translationVisualizatonGUI.ConcordancePanel:



Public Member Functions

- [ConcordancePanel](#) (List< Version > versionList)
- boolean **isFirstVersion** ()
- void **setFirstVersion** (boolean firstVersion)
- boolean **getM_OnAndOff** ()
- void **setOnAndOff** (boolean onAndOff)
- int **getScaleValue** ()
- void **setScaleValue** (int scaleValue)
- DataReader **getDataReader** ()
- void **setDataReader** (DataReader dataReader)
- int **getM_VersionNumber** ()
- void **setM_VersionNumber** (int m_VersionNumber)
- List< Version > **getM_VersionList** ()
- void **setM_VersionList** (List< Version > [m_VersionList](#))
- Version **getM_singleVersion** ()
- void **setM_singleVersion** (Version m_singleVersion)
- double **getZoomValue** ()
- void **setZoomValue** (int zoomValue)
- Point **getHighlightPoint** (Point eventPoint, int scaleValue)
- void **displaySingleVersion** (List< String > VersionSelected)
- void **resetLocations** ()
- void **scaleConcordancePanel** (int scaleValue)
- void **freqHighlight** (String token)
- void **tokenHighLight** (Point point)
- void **clickTransVersion** (int versionNumber, int lineNumber, Version choosenVersion, Item choosenConcordance)
- void **clickBaseText** (int versionNumber, int lineNumber, Version choosenVersion, Item choosenConcordance)
- void **drawTitleString** (Version version, Graphics g)
- void **drawTokenStrings** (Graphics g)
- void **drawRectangles** (Graphics g)
- void **paintComponent** (Graphics g)
- void **drawLines** (Item concordanceCompare, Graphics g)
- boolean **isFreqOrTfidf** ()
- void **setFreqOrTfidf** (boolean freqOrTfidf)
- Version **getM_Version** ()
- void **setM_Version** (Version m_Version)
- Item **getM_Concordance** ()
- void **setM_Concordance** (Item m_Concordance)

Public Attributes

- List< Version > [m_VersionList](#) =new ArrayList<Version>()
- boolean **freqOrTfidf** =false

3.2.1 Constructor & Destructor Documentation

3.2.1.1 ConcordancePanel()

```
translationVisualizatonGUI.ConcordancePanel.ConcordancePanel (
    List< Version > versionList ) [inline]
```

Constructor

Parameters

<i>versionList</i>	
--------------------	--

3.2.2 Member Function Documentation

3.2.2.1 displaySingleVersion()

```
void translationVisualizatonGUI.ConcordancePanel.displaySingleVersion (
    List< String > VersionSelected ) [inline]
```

Parameters

<i>List<String></i>	
---------------------------	--

3.2.2.2 drawRectangles()

```
void translationVisualizatonGUI.ConcordancePanel.drawRectangles (
    Graphics g ) [inline]
```

Draw all the rectangles for tokens

Parameters

<i>g</i>	- the Graphic to be drawn
----------	---------------------------

3.2.2.3 drawTitleString()

```
void translationVisualizatonGUI.ConcordancePanel.drawTitleString (
    Version version,
    Graphics g ) [inline]
```

Draw the stirng of titles, including author names and publish years

Parameters

<i>version</i>	- current Version object
<i>g</i>	- the Graphic to be drawn

3.2.2.4 drawTokenStrings()

```
void translationVisualizatonGUI.ConcordancePanel.drawTokenStrings (
    Graphics g ) [inline]
```

Draw token strings

Parameters

<i>g</i>	- the Graphic to be drawn
----------	---------------------------

3.2.2.5 freqHighlight()

```
void translationVisualizatonGUI.ConcordancePanel.freqHighlight (
    String token ) [inline]
```

if one color on color legend panel is clicked, all tokens with the ame frequency will be highlighted

Parameters

<i>token</i>	
--------------	--

3.2.2.6 getZoomValue()

```
double translationVisualizatonGUI.ConcordancePanel.getZoomValue ( ) [inline]
```

a formula is applied here to make sure we return a float value to fit the .scale() method.

Returns

zoomValue

3.2.2.7 paintComponent()

```
void translationVisualizatonGUI.ConcordancePanel.paintComponent (
    Graphics g ) [inline]
```

Draw the version visualization on [ConcordancePanel](#). This method is called from [ConcordancePanel](#).

3.2.2.8 scaleConcordancePanel()

```
void translationVisualizatonGUI.ConcordancePanel.scaleConcordancePanel (
    int scaleValue ) [inline]
```

rescale concordance panel, recalculate the locations and widths

Parameters

<i>scaleValue</i>	
-------------------	--

3.2.2.9 setZoomValue()

```
void translationVisualizatonGUI.ConcordancePanel.setZoomValue (
    int zoomValue ) [inline]
```

this method pass zoomValue from translationVisualization.getM_Slider().addChangeListener()

Parameters

<i>scaleValue</i>	
-------------------	--

3.2.2.10 tokenHighLight()

```
void translationVisualizatonGUI.ConcordancePanel.tokenHighLight (
    Point point ) [inline]
```

set the transparency of the rectangles' when one token is clicked

Parameters

<i>point</i>	
--------------	--

3.2.3 Member Data Documentation

3.2.3.1 m_VersionList

```
List<Version> translationVisualizatonGUI.ConcordancePanel.m_VersionList =new ArrayList<Version>()
```

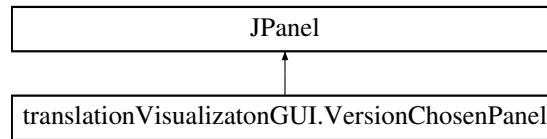
the list of versions passed from translation visualization

The documentation for this class was generated from the following file:

- ConcordancePanel.java

3.3 translationVisualizatonGUI.VersionChosenPanel Class Reference

Inheritance diagram for translationVisualizatonGUI.VersionChosenPanel:



Public Member Functions

- String [] [getM_FilePath](#) ()
- void **setInitialFilePath** ()
- void **setGermanLemmaFilePath** ()
- void **addAllVersions** (String[] string)
- List< String > **getM_versionNames** ()
- void **setM_versionNames** (List< String > [m_versionNames](#))
- List< JCheckBox > **getM_checkList** ()
- void **setM_checkList** (List< JCheckBox > m_checkList)
- JCheckBox **getM_VersionNameCBox** ()
- void **setM_VersionNameCBox** (JCheckBox m_VersionNameCBox, String str)
- void **allSelection** (ActionEvent actionEvent, [ConcordancePanel](#) concordancePanel)
- void **singleSelection** (ActionEvent actionEvent, [ConcordancePanel](#) concordancePanel, Boolean one←Selected)
- ActionListener **add_ActionListener** ([ConcordancePanel](#) concordancePanel)
- void **addVersions** (List< String > versionNameList, [ConcordancePanel](#) concordancePanel)
- void **initialize** ([ConcordancePanel](#) concordancePanel, List< String > versionNames)
- GridBagConstraints **getConstraint** ()

Public Attributes

- List< String > [m_versionNames](#)
- String [] [m_FilePath](#)

3.3.1 Member Function Documentation

3.3.1.1 getM_FilePath()

```
String [] translationVisualizatonGUI.VersionChosenPanel.getM_FilePath ( ) [inline]
```

Returns

file path string array

3.3.2 Member Data Documentation

3.3.2.1 m_FilePath

String [] translationVisualizatonGUI.VersionChosenPanel.m_FilePath

Initial value:

```
= { "1604 BaseText Shakespeare.txt", "1832 Baudissin ed Wenig.txt", "1920 Gundolf.txt", "1941 Schwarz.txt",  
    "1947 Baudissin ed Brunner.txt", "1952 Flatter.txt", "1962 Schroeder.txt",  
    "1963 Rothe.txt", "1970 Fried.txt", "1973 Lauterbach.txt",  
    "1976 Engler.txt", "1978 Laube.txt", "1985 Bolte Hamblock.txt",  
    "1992 Motschach.txt", "1995 Guenther.txt", "2003 Zaimoglu.txt" }
```

3.3.2.2 m_versionNames

List<String> translationVisualizatonGUI.VersionChosenPanel.m_versionNames

the list of String to store version names and pass this list to concordance panel and repaint new panel with versions only selected

The documentation for this class was generated from the following file:

- VersionChosenPanel.java

