

Module com.word.module6
Package com.word.module7

Class PrimaryController

java.lang.Object
com.word.module7.PrimaryController

All Implemented Interfaces:
javafx.fxml.Initializable

```
public class PrimaryController
extends Object
implements javafx.fxml.Initializable
```

Primary controller for the JavaFX application.

Constructor Summary

Constructors	
Constructor	Description
PrimaryController()	

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method		Description
static List <String >	allWordsFromSource(String listOfWords)		Method to build an array of every word in the provided String
static String	getHtmlText(URL url)		Method used to get the URL HTML and store it as a string.
void	initialize(URL url, ResourceBundle resourceBundle)		
protected void	loadWords()		Method to load the JavaFX table rows and columns.
static void	main(String [] args)		
protected void	previewUrl()		Method used to fetch HTML content and clean up the variable of HTML

tags and provide basic formatting.

<code>static String</code>	<code>removeExtraContent(String startingText, String beforeText, String afterText)</code>	Method to remove text before and after two keys
<code>static String</code>	<code>removeHtmlTags(String startingText)</code>	Method to remove HTML tags from String
<code>static String</code>	<code>removePunctuation(String startingText)</code>	Method to remove punctuation from string; preserving only words
<code>static List <String ></code>	<code>updateUniqueWordsSet(String listOfWords)</code>	Method to identify unique words of the provided text, and saved into a Collection

Methods inherited from class `java.lang.Object`

`clone` , `equals` , `finalize` , `getClass` , `hashCode` , `notify` , `notifyAll` , `toString` , `wait` , `wait` , `wait`

Constructor Details

PrimaryController

```
public PrimaryController()
```

Method Details

previewUrl

```
protected void previewUrl()  
    throws IOException
```

Method used to fetch HTML content and clean up the variable of HTML tags and provide basic formatting. Additional values are stored as the keys to know when to start/stop the record of the variable.

Throws:

`IOException`

loadWords

```
protected void loadWords()
```

Method to load the JavaFX table rows and columns.

getHtmlText

```
public static String  getHtmlText(URL  url)
                        throws IOException
```

Method used to get the URL HTML and store it as a string.

Parameters:

url - URL to be fetch the HTML code

Returns:

String of the HTML code from the URL

Throws:

IOException

removeExtraContent

```
public static String  removeExtraContent(String  startingText,
                                         String  beforeText,
                                         String  afterText)
```

Method to remove text before and after two keys

Parameters:

startingText - String of text to be analyzed

beforeText - String to search for to remove all text before

afterText - String to search for to remove all text after

Returns:

removeHtmlTags

```
public static String  removeHtmlTags(String  startingText)
```

Method to remove HTML tags from String

Parameters:

startingText - String of HTML text

Returns:

removePunctuation

```
public static String  removePunctuation(String  startingText)
```

Method to remove punctuation from string; preserving only words

Parameters:

startingText - String of initial text value to be parsed

Returns:

String of cleaned up text with no punctuation.

updateUniqueWordsSet

```
public static List <String > updateUniqueWordsSet(String listOfWords)
```

Method to identify unique words of the provided text, and saved into a Collection

Parameters:

listOfWords - String of the words to be converted to Collection

Returns:

Collection of unique words of the provided text

allWordsFromSource

```
public static List <String > allWordsFromSource(String listOfWords)
```

Method to build an array of every word in the provided String

Parameters:

listOfWords - String of the text to be converted to an array

Returns:

List of every word in the provided text as an entry.

main

```
public static void main(String [] args)
    throws IOException
```

Throws:

IOException

initialize

```
public void initialize(URL url,
    ResourceBundle resourceBundle)
```

Specified by:

```
initialize in interface javafx.fxml.Initializable
```