

GrammarScopeServers

4.0.0

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Chapter 1

Namespace Index

1.1 Packages

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Chapter 2

Hierarchical Index

2.1 Class Hierarchy

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Observable	
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Chapter 3

Class Index

3.1 Class List

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

grammarscope.server.artifacts.ArtifactsCoreNlpServer	11
grammarscope.server.artifacts.ArtifactsParserServer	15
grammarscope.server.BasicParserServer	18
grammarscope.inject.Injector.BrowsableLabelledComponent	21
grammarscope.server.CoreNlpServer	25
grammarscope.inject.FileDialogs	28
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Here is a list of all files with brief descriptions:

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Chapter 5

Namespace Documentation

5.1 Package grammarscope

Packages

- package `inject`
- package `server`

5.2 Package grammarscope.inject

Classes

- class `FileDialogs`
- class `Inject`
- class `Injector`
- class `ObservableProgress`

5.3 Package grammarscope.server

Packages

- package `artifacts`

Classes

- class `BasicParserServer`
- class `CoreNlpServer`
- class `LexParserLoader`
- class `ParserServer`
- class `SystemUtils`

5.4 Package grammarscope.server.artifacts

Classes

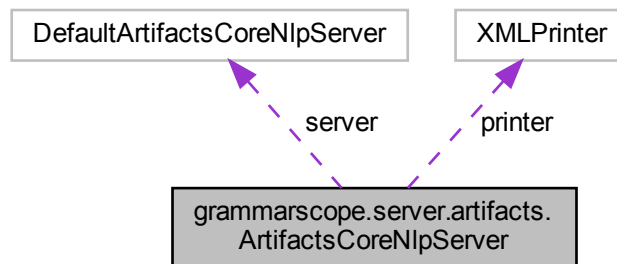
- class `ArtifactsCoreNlpServer`
- class `ArtifactsParserServer`
- class `SystemUtils`

Chapter 6

Class Documentation

6.1 grammarscope.server.artifacts.ArtifactsCoreNlpServer Class Reference

Collaboration diagram for grammarscope.server.artifacts.ArtifactsCoreNlpServer:



Static Public Member Functions

- static void **init** ()
- static ATextAnalysis **processText** (final String text) throws IllegalArgumentException
- static String **processTextToXML** (final String text) throws IllegalArgumentException
- static ATextAnalysis **processText** (final URL uRL) throws IllegalArgumentException, IOException
- static String **processTextToXML** (final URL uRL) throws IllegalArgumentException, IOException
- static void **main** (final String[] args)

Static Public Attributes

- static DefaultArtifactsCoreNlpServer **server**
- static boolean **stanfordMode** = true
- static XMLPrinter **printer**

6.1.1 Detailed Description

Core NLP server

Author

Bernard Bou

6.1.2 Member Function Documentation

6.1.2.1 `init()`

```
static void grammarscope.server.artifacts.ArtifactsCoreNlpServer.init ( ) [static]
```

Server init

6.1.2.2 `main()`

```
static void grammarscope.server.artifacts.ArtifactsCoreNlpServer.main (
    final String[] args ) [static]
```

Test

Parameters

<i>args</i>	first argument is text
-------------	------------------------

6.1.2.3 `processText()` [1/2]

```
static ATextAnalysis grammarscope.server.artifacts.ArtifactsCoreNlpServer.processText (
    final String text ) throws IllegalArgumentException [static]
```

Process text

Parameters

<i>text</i>	text
-------------	------

Returns

text analysis

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.1.2.4 processText() [2/2]

```
static ATextAnalysis grammarscope.server.artifacts.ArtifactsCoreNlpServer.processText (
    final URL uRL ) throws IllegalArgumentException, IOException [static]
```

Process text to XML

Parameters

<i>uRL</i>	text url
------------	----------

Returns

text analysis

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
<i>IOException</i>	io exception

6.1.2.5 processTextToXML() [1/2]

```
static String grammarscope.server.artifacts.ArtifactsCoreNlpServer.processTextToXML (
    final String text ) throws IllegalArgumentException [static]
```

Process text to XML

Parameters

<i>text</i>	text
-------------	------

Returns

XML string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.1.2.6 processTextToXML() [2/2]

```
static String grammarscope.server.artifacts.ArtifactsCoreNlpServer.processTextToXML (
    final URL uRL ) throws IllegalArgumentException, IOException [static]
```

Process text to XML

Parameters

<i>uRL</i>	text url
------------	----------

Returns

XML string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
<i>IOException</i>	io exception

6.1.3 Member Data Documentation

6.1.3.1 printer

```
XMLPrinter grammarscope.server.artifacts.ArtifactsCoreNlpServer.printer [static]
```

XML printer

6.1.3.2 server

```
DefaultArtifactsCoreNlpServer grammarscope.server.artifacts.ArtifactsCoreNlpServer.server
[static]
```

Server

6.1.3.3 stanfordMode

```
boolean grammarscope.server.artifacts.ArtifactsCoreNlpServer.stanfordMode = true [static]
```

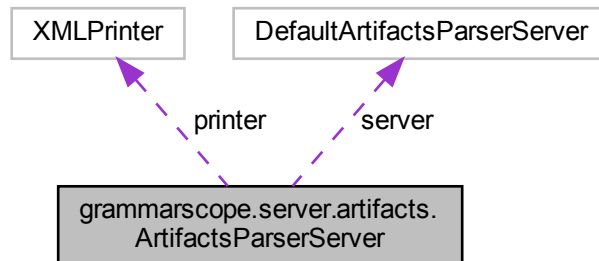
XML printer switch

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

- grammarscope-server-artifacts/src/main/java/grammarscope/server/artifacts/ **ArtifactsCoreNlpServer.java**

6.2 grammarscope.server.artifacts.ArtifactsParserServer Class Reference

Collaboration diagram for grammarscope.server.artifacts.ArtifactsParserServer:



Static Public Member Functions

- static void **init** ()
- static ATextAnalysis **processText** (final String text) throws IllegalArgumentException
- static String **processTextToXML** (final String text) throws IllegalArgumentException
- static ATextAnalysis **processText** (final URL url) throws IllegalArgumentException, IOException
- static String **processTextToXML** (final URL url) throws IllegalArgumentException, IOException
- static void **main** (String[] args)

Static Public Attributes

- static DefaultArtifactsParserServer **server**
- static boolean **stanfordMode** = true
- static XMLPrinter **printer**

6.2.1 Member Function Documentation

6.2.1.1 init()

```
static void grammarscope.server.artifacts.ArtifactsParserServer.init ( ) [static]
```

Server init

6.2.1.2 main()

```
static void grammarscope.server.artifacts.ArtifactsParserServer.main (
    String[] args ) [static]
```

Test

Parameters

<i>args</i>	first argument is text
-------------	------------------------

6.2.1.3 processText() [1/2]

```
static ATextAnalysis grammarscope.server.artifacts.ArtifactsParserServer.processText (
    final String text ) throws IllegalArgumentException [static]
```

Process text

Parameters

<i>text</i>	text
-------------	------

Returns

text analysis

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.2.1.4 processText() [2/2]

```
static ATextAnalysis grammarscope.server.artifacts.ArtifactsParserServer.processText (
    final URL url ) throws IllegalArgumentException, IOException [static]
```

Process text

Parameters

<i>url</i>	text url
------------	----------

Returns

text analysis

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
<i>IOException</i>	io exception

6.2.1.5 processTextToXML() [1/2]

```
static String grammarscope.server.artifacts.ArtifactsParserServer.processTextToXML (
    final String text ) throws IllegalArgumentException [static]
```

Process text to XML

Parameters

<i>text</i>	text
-------------	------

Returns

XML string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.2.1.6 processTextToXML() [2/2]

```
static String grammarscope.server.artifacts.ArtifactsParserServer.processTextToXML (
    final URL url ) throws IllegalArgumentException, IOException [static]
```

Process text to XML

Parameters

<i>url</i>	text url
------------	----------

Returns

XML string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
<i>IOException</i>	io exception

6.2.2 Member Data Documentation

6.2.2.1 printer

```
XMLPrinter grammarscope.server.artifacts.ArtifactsParserServer.printer [static]
```

XML printer

6.2.2.2 server

```
DefaultArtifactsParserServer grammarscope.server.artifacts.ArtifactsParserServer.server [static]
```

Server

6.2.2.3 stanfordMode

```
boolean grammarscope.server.artifacts.ArtifactsParserServer.stanfordMode = true [static]
```

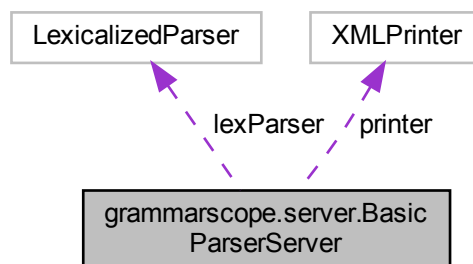
XML printer switch

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

- grammarscope-server-artifacts/src/main/java/grammarscope/server/artifacts/ **ArtifactsParserServer.java**

6.3 grammarscope.server.BasicParserServer Class Reference

Collaboration diagram for grammarscope.server.BasicParserServer:



Static Public Member Functions

- static void **init** ()
- static String **parseText** (final String text, boolean xml) throws IllegalArgumentException

Static Public Attributes

- static LexicalizedParser **lexParser**
- static XMLPrinter **printer**

Static Private Member Functions

- static String **parseXML** (final String text) throws IllegalArgumentException
- static String **parseText** (final String text) throws IllegalArgumentException

6.3.1 Detailed Description

Basic server that does not use DefaultServer and builds directly from Stanford library

Author

Bernard Bou

6.3.2 Member Function Documentation

6.3.2.1 `init()`

```
static void grammarscope.server.BasicParserServer.init ( ) [static]
```

Init

6.3.2.2 `parseText()` [1/2]

```
static String grammarscope.server.BasicParserServer.parseText (
    final String text ) throws IllegalArgumentException [static], [private]
```

Parse text

Parameters

<i>text</i>	text
-------------	------

Returns

result in string format

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.3.2.3 parseText() [2/2]

```
static String grammarscope.server.BasicParserServer.parseText (  
    final String text,  
    boolean xml ) throws IllegalArgumentException [static]
```

Parse text

Parameters

<i>text</i>	text
<i>xml</i>	whether to return data in XML format

Returns

result string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.3.2.4 parseXML()

```
static String grammarscope.server.BasicParserServer.parseXML (  
    final String text ) throws IllegalArgumentException [static], [private]
```

Parse text

Parameters

<i>text</i>	text
-------------	------

Returns

result in XML format

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.3.3 Member Data Documentation

6.3.3.1 lexParser

LexicalizedParser grammarscope.server.BasicParserServer.lexParser [static]

Lexical Parser

6.3.3.2 printer

XMLPrinter grammarscope.server.BasicParserServer.printer [static]

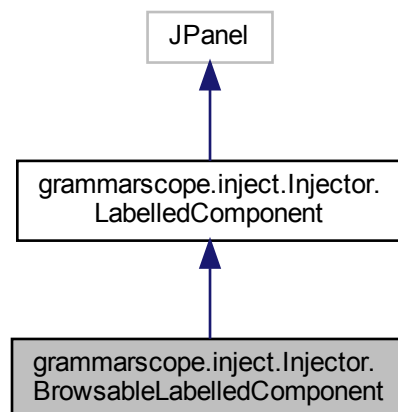
XML printer

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

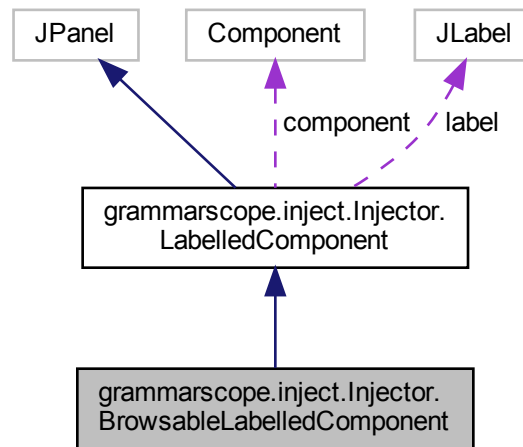
- grammarscope-server-core/src/main/java/grammarscope/server/ **BasicParserServer.java**

6.4 grammarscope.inject.Injector.BrowsableLabelledComponent Class Reference

Inheritance diagram for grammarscope.inject.Injector.BrowsableLabelledComponent:



Collaboration diagram for `grammarscope.inject.Injector.BrowsableLabelledComponent`:



Public Member Functions

- **BrowsableLabelledComponent** (final String **label**, final JTextComponent textComponent, final String **currentDir**, final boolean **multiple**)

Protected Member Functions

- void **initialize** ()
- Component **wrapComponent** (final Component component2)

Protected Attributes

- String **currentDir**

Private Member Functions

- JButton **createBrowseButton** (final JTextComponent textComponent)

Private Attributes

- final boolean **multiple**

Static Private Attributes

- static final long **serialVersionUID** = 1L

6.4.1 Detailed Description

Show a component with a label above it and with a browse button next to it.

Author

Bernard Bou

6.4.2 Constructor & Destructor Documentation

6.4.2.1 BrowsableLabelledComponent()

```
grammarscope.inject.Injector.BrowsableLabelledComponent.BrowsableLabelledComponent (
    final String label,
    final JTextComponent textComponent,
    final String currentDir,
    final boolean multiple )
```

Constructor

Parameters

<i>label</i>	label
<i>textComponent</i>	text component
<i>currentDir</i>	current browse directory
<i>multiple</i>	whether to allow multiple selection

6.4.3 Member Function Documentation

6.4.3.1 createBrowseButton()

```
JButton grammarscope.inject.Injector.BrowsableLabelledComponent.createBrowseButton (
    final JTextComponent textComponent ) [private]
```

Create browse button net to text component

Parameters

<i>textComponent</i>	text component
----------------------	----------------

Returns

sister button to text component

6.4.3.2 initialize()

```
void grammarscope.inject.Injector.BrowsableLabelledComponent.initialize ( ) [protected]
```

Initialize

Reimplemented from **grammarscope.inject.Injector.LabelledComponent** (p. 39).

6.4.3.3 wrapComponent()

```
Component grammarscope.inject.Injector.BrowsableLabelledComponent.wrapComponent (
    final Component component0 ) [protected]
```

Overridden when embedded component undergoes further wrapping

Parameters

<i>component0</i>	component
-------------------	-----------

Returns

wrapped component

Reimplemented from **grammarscope.inject.Injector.LabelledComponent** (p. 39).

6.4.4 Member Data Documentation**6.4.4.1 currentDir**

```
String grammarscope.inject.Injector.BrowsableLabelledComponent.currentDir [protected]
```

Current dir

6.4.4.2 multiple

```
final boolean grammarscope.inject.Injector.BrowsableLabelledComponent.multiple [private]
```

Allow multiple selection

6.4.4.3 serialVersionUID

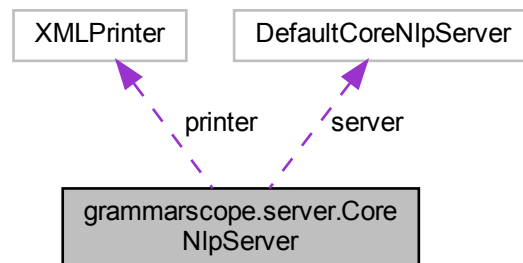
```
final long grammarscope.inject.Injector.BrowsableLabelledComponent.serialVersionUID = 1L [static],
[private]
```

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

- grammarscope-inject/src/main/java/grammarscope/inject/ **Injector.java**

6.5 grammarscope.server.CoreNlpServer Class Reference

Collaboration diagram for grammarscope.server.CoreNlpServer:



Static Public Member Functions

- static void **init** ()
- static TextAnalysis **processText** (final String text) throws IllegalArgumentException
- static String **processTextToXML** (final String text) throws IllegalArgumentException
- static TextAnalysis **processText** (final URL uRL) throws IllegalArgumentException, IOException
- static String **processTextToXML** (final URL uRL) throws IllegalArgumentException, IOException
- static void **main** (final String[] args)

Static Public Attributes

- static DefaultCoreNlpServer **server**
- static XMLPrinter **printer**

6.5.1 Detailed Description

Core NLP server

Author

Bernard Bou

6.5.2 Member Function Documentation

6.5.2.1 `init()`

```
static void grammarscope.server.CoreNlpServer.init ( ) [static]
```

Server init

6.5.2.2 `main()`

```
static void grammarscope.server.CoreNlpServer.main (
    final String[] args ) [static]
```

Test

Parameters

<i>args</i>	first argument is text
-------------	------------------------

6.5.2.3 `processText()` [1/2]

```
static TextAnalysis grammarscope.server.CoreNlpServer.processText (
    final String text ) throws IllegalArgumentException [static]
```

Process text

Parameters

<i>text</i>	text
-------------	------

Returns

text analysis

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.5.2.4 `processText()` [2/2]

```
static TextAnalysis grammarscope.server.CoreNlpServer.processText (
```

```
final URL uRL ) throws IllegalArgumentException, IOException [static]
```

Process text to XML

Parameters

<i>uRL</i>	text url
------------	----------

Returns

text analysis

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
<i>IOException</i>	io exception

6.5.2.5 processTextToXML() [1/2]

```
static String grammarscope.server.CoreNlpServer.processTextToXML (
    final String text ) throws IllegalArgumentException [static]
```

Process text to XML

Parameters

<i>text</i>	text
-------------	------

Returns

XML string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.5.2.6 processTextToXML() [2/2]

```
static String grammarscope.server.CoreNlpServer.processTextToXML (
    final URL uRL ) throws IllegalArgumentException, IOException [static]
```

Process text to XML

Parameters

<i>uRL</i>	text url
------------	----------

Returns

XML string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
<i>IOException</i>	io exception

6.5.3 Member Data Documentation**6.5.3.1 printer**

```
XMLPrinter grammarscope.server.CoreNlpServer.printer [static]
```

XML printer

6.5.3.2 server

```
DefaultCoreNlpServer grammarscope.server.CoreNlpServer.server [static]
```

Server

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

- grammarscope-server-core/src/main/java/grammarscope/server/ **CoreNlpServer.java**

6.6 grammarscope.inject.FileDialogs Class Reference**Static Public Member Functions**

- static File **getFile** (String currentDirectory)
- static File[] **getFiles** (String currentDirectory)

Static Private Member Functions

- static JFileChooser **makeFileChooser** ()
- static void **setCurrentDirectory** (final JFileChooser chooser, final String currentDirectory)

6.6.1 Member Function Documentation

6.6.1.1 getFile()

```
static File grammarscope.inject.FileDialogs.getFile (
    String currentDirectory ) [static]
```

Get file

Parameters

<i>currentDirectory</i>	current directory
-------------------------	-------------------

Returns

selected file

6.6.1.2 getFiles()

```
static File [] grammarscope.inject.FileDialogs.getFiles (
    String currentDirectory ) [static]
```

Get files

Parameters

<i>currentDirectory</i>	current directory
-------------------------	-------------------

Returns

selected files

6.6.1.3 makeFileChooser()

```
static JFileChooser grammarscope.inject.FileDialogs.makeFileChooser ( ) [static], [private]
```

Make folder chooser

Returns

folder chooser

6.6.1.4 setCurrentDirectory()

```
static void grammarscope.inject.FileDialogs.setCurrentDirectory (
    final JFileChooser chooser,
    final String currentDirectory ) [static], [private]
```

Set current directory for file chooser

Parameters

<i>chooser</i>	file chooser
<i>currentDirectory</i>	directory to set as current

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

- grammarscope-inject/src/main/java/grammarscope/inject/ **FileDialogs.java**

6.7 grammarscope.inject.Inject Class Reference

Static Public Member Functions

- static void **zip** (final Observer observer, final File zipFile, final String path, final File... files) throws FileNot↔
FoundException, IOException
- static void **inject** (final Observer observer, final File zipFile, final String path, final File... files) throws IO↔
Exception

Static Package Functions

- static void **copy** (InputStream in, final OutputStream out) throws IOException

6.7.1 Member Function Documentation

6.7.1.1 copy()

```
static void grammarscope.inject.Inject.copy (
    InputStream in,
    final OutputStream out ) throws IOException [static], [package]
```

Copy

Parameters

<i>in</i>	inputStream
<i>out</i>	outputStream

Exceptions

<i>IOException</i>	io exception
--------------------	--------------

6.7.1.2 inject()

```
static void grammarscope.inject.Inject.inject (
    final Observer observer,
    final File zipFile,
    final String path,
    final File... files ) throws IOException [static]
```

6.7.1.3 zip()

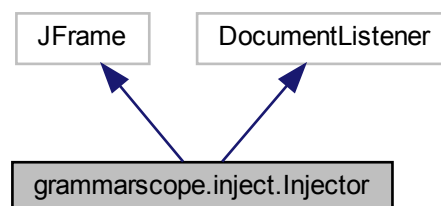
```
static void grammarscope.inject.Inject.zip (
    final Observer observer,
    final File zipFile,
    final String path,
    final File... files ) throws FileNotFoundException, IOException [static]
```

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

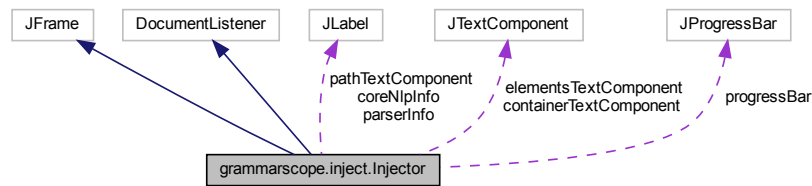
- grammarscope-inject/src/main/java/grammarscope/inject/ **Inject.java**

6.8 grammarscope.inject.Injector Class Reference

Inheritance diagram for grammarscope.inject.Injector:



Collaboration diagram for grammarscope.inject.Injector:



Classes

- class **BrowsableLabelledComponent**
- class **LabelledComponent**

Public Member Functions

- **Injector** ()
- void **init** (final String currentDir, final String currentDir2)
- void **insertUpdate** (final DocumentEvent e)
- void **removeUpdate** (final DocumentEvent e)
- void **changedUpdate** (final DocumentEvent e)

Static Public Member Functions

- static String **joinPaths** (final String glue, final File... files)
- static void **message** (final int type, final String message)
- static void **main** (final String[] args)

Protected Member Functions

- void **doJob** (final File container, final String path, final File[] elements)

Private Member Functions

- void **inject** ()
- void **peep** ()

Private Attributes

- JTextComponent **containerTextComponent**
- JLabel **pathTextComponent**
- JTextComponent **elementsTextComponent**
- JProgressBar **progressBar**
- JLabel **coreNlplInfo**
- JLabel **parserInfo**

Static Private Attributes

- static final long `serialVersionUID` = 6555314771332499078L

6.8.1 Detailed Description

Injector (p. 31) (used to inject stanford parser into the /lib directory of War/Ear archives)

Author

Bernard Bou

6.8.2 Constructor & Destructor Documentation

6.8.2.1 Injector()

```
grammarscope.inject.Injector.Injector ( )
```

Constructor

6.8.3 Member Function Documentation

6.8.3.1 changedUpdate()

```
void grammarscope.inject.Injector.changedUpdate (
    final DocumentEvent e )
```

6.8.3.2 doJob()

```
void grammarscope.inject.Injector.doJob (
    final File container,
    final String path,
    final File[] elements ) [protected]
```

Do job

Parameters

<i>container</i>	container
<i>path</i>	path
<i>elements</i>	elements

6.8.3.3 init()

```
void grammarscope.inject.Injector.init (
    final String currentDir,
    final String currentDir2 )
```

6.8.3.4 inject()

```
void grammarscope.inject.Injector.inject ( ) [private]
```

Injector (p. 31)

6.8.3.5 insertUpdate()

```
void grammarscope.inject.Injector.insertUpdate (
    final DocumentEvent e )
```

6.8.3.6 joinPaths()

```
static String grammarscope.inject.Injector.joinPaths (
    final String glue,
    final File... files ) [static]
```

Join

Parameters

<i>glue</i>	glue between elements
<i>files</i>	files

Returns

paths string

6.8.3.7 main()

```
static void grammarscope.inject.Injector.main (
    final String[] args ) [static]
```

Main

Parameters

<i>args</i>	command line arguments
-------------	------------------------

6.8.3.8 message()

```
static void grammarscope.inject.Injector.message (
    final int type,
    final String message ) [static]
```

Display message

Parameters

<i>type</i>	type
<i>message</i>	message

6.8.3.9 peep()

```
void grammarscope.inject.Injector.peep ( ) [private]
```

6.8.3.10 removeUpdate()

```
void grammarscope.inject.Injector.removeUpdate (
    final DocumentEvent e )
```

6.8.4 Member Data Documentation**6.8.4.1 containerTextComponent**

```
JTextComponent grammarscope.inject.Injector.containerTextComponent [private]
```

Container

6.8.4.2 coreNlpInfo

```
JLabel grammarscope.inject.Injector.coreNlpInfo [private]
```

CoreNlp information

6.8.4.3 elementsTextComponent

```
JTextComponent grammarscope.inject.Injector.elementsTextComponent [private]
```

Elements to inject

6.8.4.4 parserInfo

```
JLabel grammarscope.inject.Injector.parserInfo [private]
```

Parser information

6.8.4.5 pathTextComponent

```
JLabel grammarscope.inject.Injector.pathTextComponent [private]
```

Path

6.8.4.6 progressBar

```
JProgressBar grammarscope.inject.Injector.progressBar [private]
```

Progress

6.8.4.7 serialVersionUID

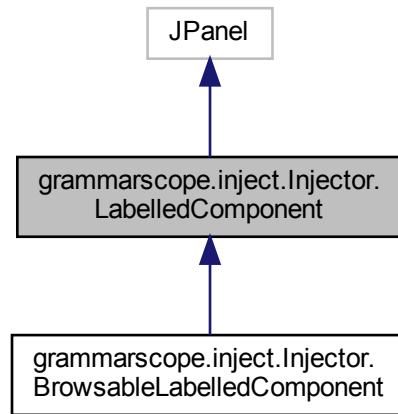
```
final long grammarscope.inject.Injector.serialVersionUID = 6555314771332499078L [static],  
[private]
```

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

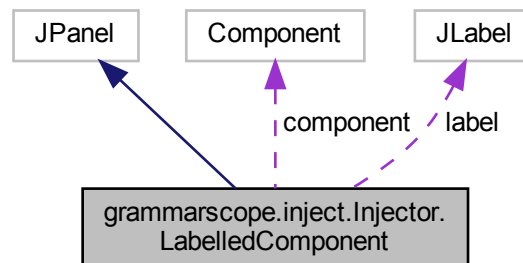
- grammarscope-inject/src/main/java/grammarscope/inject/ **Injector.java**

6.9 grammarscope.inject.Injector.LabelledComponent Class Reference

Inheritance diagram for grammarscope.inject.Injector.LabelledComponent:



Collaboration diagram for grammarscope.inject.Injector.LabelledComponent:



Public Member Functions

- **LabelledComponent** (final String **label**, final Component **component**)
- Component **getComponent** ()

Protected Member Functions

- void **initialize** ()
- Component **wrapComponent** (final Component component0)

Protected Attributes

- Component **component**

Private Attributes

- final JLabel **label**

Static Private Attributes

- static final long **serialVersionUID** = 1L

6.9.1 Detailed Description

Show a component with a label above it.

Author

Bernard Bou

6.9.2 Constructor & Destructor Documentation

6.9.2.1 LabelledComponent()

```
grammarscope.inject.Injector.LabelledComponent.LabelledComponent (
    final String label,
    final Component component )
```

Constructor

Parameters

<i>label</i>	label
<i>component</i>	text component

6.9.3 Member Function Documentation

6.9.3.1 getComponent()

```
Component grammarscope.inject.Injector.LabelledComponent.getComponent ( )
```

Get embedded component

Returns

embedded component

6.9.3.2 initialize()

```
void grammarscope.inject.Injector.LabelledComponent.initialize ( ) [protected]
```

Initialize

Reimplemented in [grammarscope.inject.Injector.BrowsableLabelledComponent](#) (p. 24).

6.9.3.3 wrapComponent()

```
Component grammarscope.inject.Injector.LabelledComponent.wrapComponent (
    final Component component0 ) [protected]
```

Overridden when embedded component undergoes further wrapping

Parameters

<i>component0</i>	component
-------------------	-----------

Returns

wrapped component

Reimplemented in [grammarscope.inject.Injector.BrowsableLabelledComponent](#) (p. 24).

6.9.4 Member Data Documentation**6.9.4.1 component**

```
Component grammarscope.inject.Injector.LabelledComponent.component [protected]
```

Wrapped component

6.9.4.2 label

```
final JLabel grammarscope.inject.Injector.LabelledComponent.label [private]
```

Label

6.9.4.3 serialVersionUID

```
final long grammarscope.inject.Injector.LabelledComponent.serialVersionUID = 1L [static],  
[private]
```

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

- grammarscope-inject/src/main/java/grammarscope/inject/ **Injector.java**

6.10 grammarscope.server.LexParserLoader Class Reference

Static Public Member Functions

- static String **makeUrl** (final String parserName)
- static LexicalizedParser **load** (final String url, final Options op, final String... extraFlags)
- static void **main** (final String[] args)

Static Public Attributes

- static String **defaultParserName** = "englishRNN"

Static Private Attributes

- static String **defaultPackage** = "edu/stanford/nlp/models/lexparser"

6.10.1 Detailed Description

Lexical parser loader

Author

Bernard Bou

6.10.2 Member Function Documentation

6.10.2.1 load()

```
static LexicalizedParser grammarscope.server.LexParserLoader.load (  
    final String url,  
    final Options op,  
    final String... extraFlags ) [static]
```

Constructor with options

Parameters

<i>url</i>	parser url
<i>op</i>	options
<i>extraFlags</i>	extra flags

Returns

parser

6.10.2.2 main()

```
static void grammarscope.server.LexParserLoader.main (
    final String[] args ) [static]
```

Load**Parameters**

<i>args</i>	unused
-------------	--------

6.10.2.3 makeUrl()

```
static String grammarscope.server.LexParserLoader.makeUrl (
    final String parserName ) [static]
```

Make URL from shortened parser name

Parameters

<i>parserName</i>	short parser name
-------------------	-------------------

Returns

parser name

6.10.3 Member Data Documentation**6.10.3.1 defaultPackage**

```
String grammarscope.server.LexParserLoader.defaultPackage = "edu/stanford/nlp/models/lexparser"
[static], [private]
```

Default parser package

6.10.3.2 defaultParserName

```
String grammarscope.server.LexParserLoader.defaultParserName = "englishRNN" [static]
```

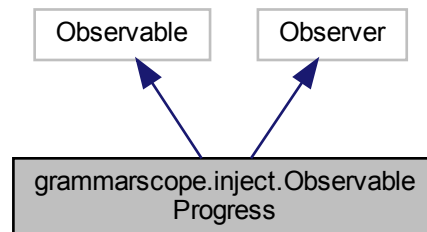
Default parser name

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

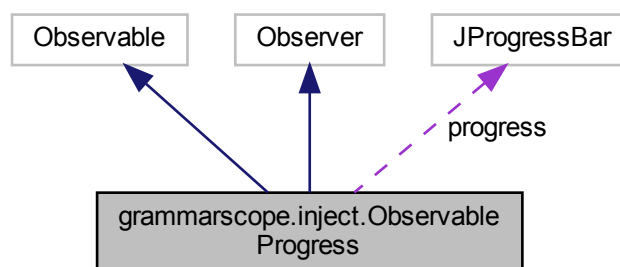
- grammarscope-server-core/src/main/java/grammarscope/server/ **LexParserLoader.java**

6.11 grammarscope.inject.ObservableProgress Class Reference

Inheritance diagram for grammarscope.inject.ObservableProgress:



Collaboration diagram for grammarscope.inject.ObservableProgress:



Public Member Functions

- **ObservableProgress** (final JProgressBar **progress**)
- void **update** (final Observable o, final Object value)

Private Attributes

- final JProgressBar **progress**

6.11.1 Constructor & Destructor Documentation

6.11.1.1 ObservableProgress()

```
grammarscope.inject.ObservableProgress.ObservableProgress (
    final JProgressBar progress )
```

6.11.2 Member Function Documentation

6.11.2.1 update()

```
void grammarscope.inject.ObservableProgress.update (
    final Observable o,
    final Object value )
```

6.11.3 Member Data Documentation

6.11.3.1 progress

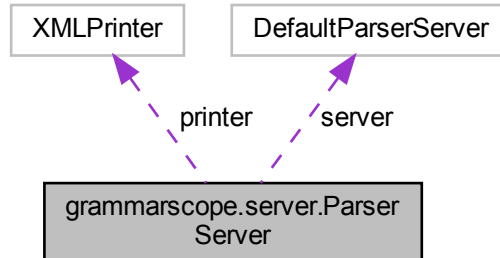
```
final JProgressBar grammarscope.inject.ObservableProgress.progress [private]
```

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

- grammarscope-inject/src/main/java/grammarscope/inject/ **ObservableProgress.java**

6.12 grammarscope.server.ParserServer Class Reference

Collaboration diagram for grammarscope.server.ParserServer:



Static Public Member Functions

- static void **init** ()
- static TextAnalysis **processText** (final String text) throws IllegalArgumentException
- static String **processTextToXML** (final String text) throws IllegalArgumentException
- static TextAnalysis **processText** (final URL url) throws IllegalArgumentException, IOException
- static String **processTextToXML** (final URL url) throws IllegalArgumentException, IOException
- static void **main** (String[] args)

Static Public Attributes

- static DefaultParserServer **server**
- static XMLPrinter **printer**

6.12.1 Member Function Documentation

6.12.1.1 init()

```
static void grammarscope.server.ParserServer.init ( ) [static]
```

Server init

6.12.1.2 main()

```
static void grammarscope.server.ParserServer.main (
    String[] args ) [static]
```

Test

Parameters

<i>args</i>	first argument is text
-------------	------------------------

6.12.1.3 processText() [1/2]

```
static TextAnalysis grammarscope.server.ParserServer.processText (
    final String text ) throws IllegalArgumentException [static]
```

Process text

Parameters

<i>text</i>	text
-------------	------

Returns

text analysis

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.12.1.4 processText() [2/2]

```
static TextAnalysis grammarscope.server.ParserServer.processText (
    final URL url ) throws IllegalArgumentException, IOException [static]
```

Process text

Parameters

<i>url</i>	text url
------------	----------

Returns

text analysis

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
<i>IOException</i>	io exception

6.12.1.5 processTextToXML() [1/2]

```
static String grammarscope.server.ParserServer.processTextToXML (
    final String text ) throws IllegalArgumentException [static]
```

Process text to XML

Parameters

<i>text</i>	text
-------------	------

Returns

XML string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
---------------------------------	----------------------------

6.12.1.6 processTextToXML() [2/2]

```
static String grammarscope.server.ParserServer.processTextToXML (
    final URL url ) throws IllegalArgumentException, IOException [static]
```

Process text to XML

Parameters

<i>url</i>	text url
------------	----------

Returns

XML string

Exceptions

<i>IllegalArgumentException</i>	illegal argument exception
<i>IOException</i>	io exception

6.12.2 Member Data Documentation

6.12.2.1 printer

```
XMLPrinter grammarscope.server.ParserServer.printer [static]
```

XML printer

6.12.2.2 server

```
DefaultParserServer grammarscope.server.ParserServer.server [static]
```

Server

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

- grammarscope-server-core/src/main/java/grammarscope/server/ **ParserServer.java**

6.13 grammarscope.server.SystemUtils Class Reference

Static Public Member Functions

- static String **classpath** ()
- static String **classpathFromClassLoader** ()
- static String **systemProperties** ()
- static String **systemInfo** ()
- static String **all** ()

6.13.1 Detailed Description

Dump utilities

Author

Bernard Bou < 1313ou@gmail.com >

6.13.2 Member Function Documentation

6.13.2.1 all()

```
static String grammarscope.server.SystemUtils.all ( ) [static]
```

All info

Returns

all info as string

6.13.2.2 classpath()

```
static String grammarscope.server.SystemUtils.classpath ( ) [static]
```

Classpath (from system property)

Returns

classpath as string

6.13.2.3 classpathFromClassLoader()

```
static String grammarscope.server.SystemUtils.classpathFromClassLoader ( ) [static]
```

Classpath (from class loader)

Returns

classpath as string

6.13.2.4 systemInfo()

```
static String grammarscope.server.SystemUtils.systemInfo ( ) [static]
```

System information

Returns

system info as string

6.13.2.5 systemProperties()

```
static String grammarscope.server.SystemUtils.systemProperties ( ) [static]
```

System properties

Returns

system properties as string

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

- grammarscope-server-core/src/main/java/grammarscope/server/ **SystemUtils.java**

6.14 grammarscope.server.artifacts.SystemUtils Class Reference

Static Public Member Functions

- static String **classpath** ()
- static String **classpathFromClassLoader** ()
- static String **systemProperties** ()
- static String **systemInfo** ()
- static String **all** ()

6.14.1 Detailed Description

Dump utilities

Author

Bernard Bou < 1313ou@gmail.com >

6.14.2 Member Function Documentation

6.14.2.1 all()

```
static String grammarscope.server.artifacts.SystemUtils.all ( ) [static]
```

All info

Returns

all information as string

6.14.2.2 classpath()

```
static String grammarscope.server.artifacts.SystemUtils.classpath ( ) [static]
```

Classpath (from system property)

Returns

classpath as string

6.14.2.3 classpathFromClassLoader()

```
static String grammarscope.server.artifacts.SystemUtils.classpathFromClassLoader ( ) [static]
```

Classpath (from class loader)

Returns

classpath as string

6.14.2.4 systemInfo()

```
static String grammarscope.server.artifacts.SystemUtils.systemInfo ( ) [static]
```

System information

Returns

system information as string

6.14.2.5 systemProperties()

```
static String grammarscope.server.artifacts.SystemUtils.systemProperties ( ) [static]
```

System properties

Returns

system properties as string

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

- grammarscope-server-artifacts/src/main/java/grammarscope/server/artifacts/ **SystemUtils.java**

Chapter 7

File Documentation

7.1 `grammarscope-inject/src/main/java/grammarscope/inject/FileDialogs.java` File Reference

Classes

- class `grammarscope.inject.FileDialogs`

Packages

- package `grammarscope.inject`

7.2 `grammarscope-inject/src/main/java/grammarscope/inject/Inject.java` File Reference

Classes

- class `grammarscope.inject.Inject`

Packages

- package `grammarscope.inject`

7.3 `grammarscope-inject/src/main/java/grammarscope/inject/Injector.java` File Reference

Classes

- class `grammarscope.inject.Injector`
- class `grammarscope.inject.Injector.LabelledComponent`
- class `grammarscope.inject.Injector.BrowsableLabelledComponent`

Packages

- package `grammarscope.inject`

7.4 `grammarscope-inject/src/main/java/grammarscope/inject/` `ObservableProgress.java` File Reference

Classes

- class `grammarscope.inject.ObservableProgress`

Packages

- package `grammarscope.inject`

7.5 `grammarscope-server-` `artifacts/src/main/java/grammarscope/server/artifacts/ArtifactsCore` `NlpServer.java` File Reference

Classes

- class `grammarscope.server.artifacts.ArtifactsCoreNlpServer`

Packages

- package `grammarscope.server.artifacts`

7.6 `grammarscope-server-` `artifacts/src/main/java/grammarscope/server/artifacts/Artifacts` `ParserServer.java` File Reference

Classes

- class `grammarscope.server.artifacts.ArtifactsParserServer`

Packages

- package `grammarscope.server.artifacts`

7.7 grammarscope-server-core/src/main/java/grammarscope/server/↔ BasicParserServer.java File Reference

Classes

- class `grammarscope.server.BasicParserServer`

Packages

- package `grammarscope.server`

7.8 grammarscope-server-core/src/main/java/grammarscope/server/↔ CoreNlpServer.java File Reference

Classes

- class `grammarscope.server.CoreNlpServer`

Packages

- package `grammarscope.server`

7.9 grammarscope-server-core/src/main/java/grammarscope/server/↔ LexParserLoader.java File Reference

Classes

- class `grammarscope.server.LexParserLoader`

Packages

- package `grammarscope.server`

7.10 grammarscope-server-core/src/main/java/grammarscope/server/↔ ParserServer.java File Reference

Classes

- class `grammarscope.server.ParserServer`

Packages

- package `grammarscope.server`

7.11 `grammarscope-server-core/src/main/java/grammarscope/server/` `SystemUtils.java` File Reference

Classes

- class `grammarscope.server.SystemUtils`

Packages

- package `grammarscope.server`

7.12 `grammarscope-server-` `artifacts/src/main/java/grammarscope/server/artifacts/System` `Utils.java` File Reference

Classes

- class `grammarscope.server.artifacts.SystemUtils`

Packages

- package `grammarscope.server.artifacts`

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