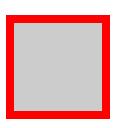


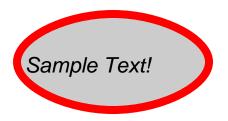
A Bit More Sample Text!

My Project

Generated by Doxygen 1.8.11



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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

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

air.AbstractDocumentCommandWrapper.AbstractDocumentCommand	5
air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand	25
air.AbstractDocumentCommandWrapper.UndoAnnotationDocumentCommand	
air.DocumentCommandWrapper.SaveDocumentCommand	29
air.DocumentCommandWrapper.SaveTextDocumentCommand	31
AbstractDocumentCommand	
air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand	10
air.DocumentCommandWrapper.AddCircleAnnotationDocumentCommand	12
air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand	14
air.DocumentCommandWrapper.DeleteAnnotationDocumentCommand	
air.DocumentCommandWrapper.MoveAnnotationDocumentCommand	23
air.DocumentCommandWrapper.ReplaceAnnotationDocumentCommand	27
air.AbstractDocumentCommandWrapper	8
air.DocumentCommandWrapper	19
air.AIRMain	16
air.AbstractDocumentCommandWrapper.makeCommand	22

2 Hierarchical Index

Chapter 2

Class Index

2.1 Class List

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

air.AbstractDocumentCommandWrapper.AbstractDocumentCommand	5
air.AbstractDocumentCommandWrapper	8
air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand	(
air.DocumentCommandWrapper.AddCircleAnnotationDocumentCommand	2
air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand	4
air.AIRMain	6
air.DocumentCommandWrapper.DeleteAnnotationDocumentCommand	7
air.DocumentCommandWrapper	ć
air.AbstractDocumentCommandWrapper.makeCommand	2
air.DocumentCommandWrapper.MoveAnnotationDocumentCommand	23
air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand	Ę
air.DocumentCommandWrapper.ReplaceAnnotationDocumentCommand	27
air.DocumentCommandWrapper.SaveDocumentCommand	įÇ
air.DocumentCommandWrapper.SaveTextDocumentCommand	11
air.AbstractDocumentCommandWrapper.UndoAnnotationDocumentCommand	13

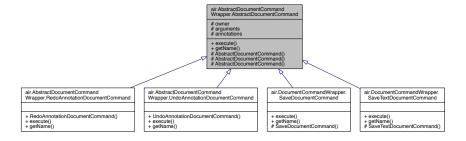
4 Class Index

Chapter 3

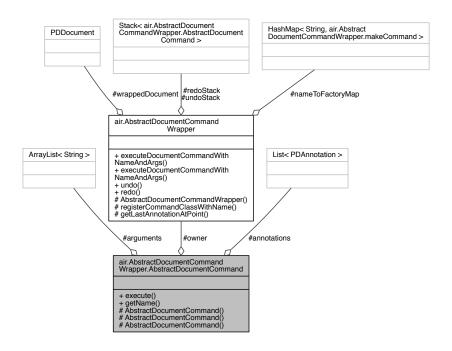
Class Documentation

3.1 air.AbstractDocumentCommandWrapper.AbstractDocumentCommand Class Reference

 $Inheritance\ diagram\ for\ air. Abstract Document Command Wrapper. Abstract Document Command:$



 $Collaboration\ diagram\ for\ air. Abstract Document Command Wrapper. Abstract Document Command:$



Public Member Functions

- abstract AbstractDocumentCommand execute ()
- abstract String getName ()

Protected Member Functions

- AbstractDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList< String > args)
- AbstractDocumentCommand (AbstractDocumentCommandWrapper anOwner, List< PDAnnotation > some ← Annotations)

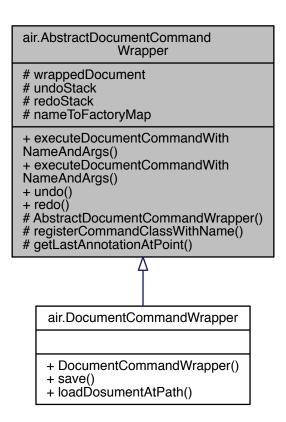
Protected Attributes

- final AbstractDocumentCommandWrapper owner
- final ArrayList< String > arguments
- List< PDAnnotation > annotations

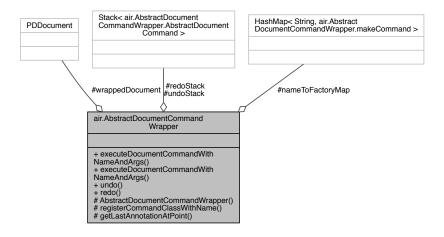
3.1.1	Member Function Documentation
3.1.1.1	$abstract \ AbstractDocumentCommand air.AbstractDocumentCommandWrapper.AbstractDocumentCommand.execute () [abstract]$
Returns	execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.
3.1.1.2	abstract String air.AbstractDocumentCommandWrapper.AbstractDocumentCommand.getName() [abstract]
	The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete innotation" where the string after "Undo" is returned from getName().
The do	cumentation for this class was generated from the following file:
• {	src/air/AbstractDocumentCommandWrapper.java

3.2 air.AbstractDocumentCommandWrapper Class Reference

Inheritance diagram for air.AbstractDocumentCommandWrapper:



Collaboration diagram for air.AbstractDocumentCommandWrapper:



Classes

- · class AbstractDocumentCommand
- · interface makeCommand
- class RedoAnnotationDocumentCommand
- class UndoAnnotationDocumentCommand

Public Member Functions

- boolean executeDocumentCommandWithNameAndArgs (String aName, ArrayList< String > args)
- boolean executeDocumentCommandWithNameAndArgs (String aName, String[] args)
- · boolean undo ()
- boolean redo ()

Protected Member Functions

- AbstractDocumentCommandWrapper (PDDocument aDocument)
- void registerCommandClassWithName (makeCommand command, String aName)
- PDAnnotation getLastAnnotationAtPoint (List < PDAnnotation > annotations, float x, float y)

Protected Attributes

- final PDDocument wrappedDocument
- final Stack
 AbstractDocumentCommand
 undoStack
- final Stack
 AbstractDocumentCommand > redoStack
- final HashMap< String, makeCommand > nameToFactoryMap

3.2.1 Detailed Description

Author

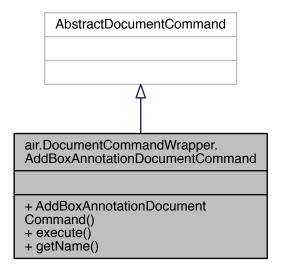
erik

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

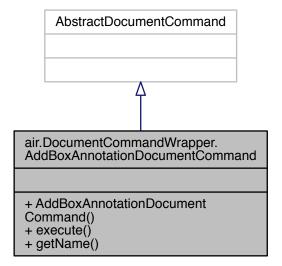
• src/air/AbstractDocumentCommandWrapper.java

3.3 air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand Class Reference

Inheritance diagram for air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand:



Collaboration diagram for air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand:



Public Member Functions

- AddBoxAnnotationDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList < String > args)
- AbstractDocumentCommand execute ()
- String getName ()

3.3.1 Member Function Documentation

3.3.1.1 AbstractDocumentCommand air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand.execute ()

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.3.1.2 String air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand.getName ()

Returns

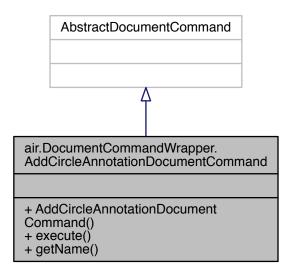
The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo" is returned from getName().

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

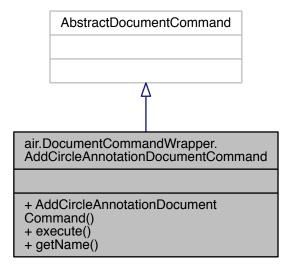
src/air/DocumentCommandWrapper.java

3.4 air.DocumentCommandWrapper.AddCircleAnnotationDocumentCommand Class Reference

Inheritance diagram for air.DocumentCommandWrapper.AddCircleAnnotationDocumentCommand:



Collaboration diagram for air.DocumentCommandWrapper.AddCircleAnnotationDocumentCommand:



Public Member Functions

- AddCircleAnnotationDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList< String > args)
- AbstractDocumentCommand execute ()
- String getName ()

3.4.1 Member Function Documentation

3.4.1.1 AbstractDocumentCommand air.DocumentCommandWrapper.AddCircleAnnotationDocumentCommand.execute ()

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.4.1.2 String air.DocumentCommandWrapper.AddCircleAnnotationDocumentCommand.getName ()

Returns

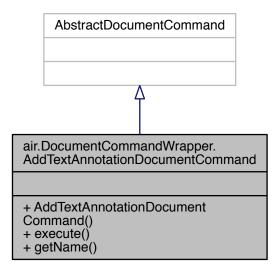
The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo " is returned from getName().

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

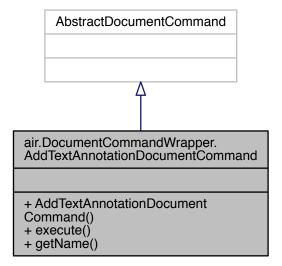
src/air/DocumentCommandWrapper.java

3.5 air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand Class Reference

Inheritance diagram for air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand:



Collaboration diagram for air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand:



Public Member Functions

- AddTextAnnotationDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList < String > args)
- AbstractDocumentCommand execute ()
- String getName ()

3.5.1 Member Function Documentation

3.5.1.1 AbstractDocumentCommand air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand.execute ()

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.5.1.2 String air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand.getName ()

Returns

The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo " is returned from getName().

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

src/air/DocumentCommandWrapper.java

3.6 air.AIRMain Class Reference

Collaboration diagram for air.AIRMain:

air.AIRMain
+ test()
+ main()

Static Public Member Functions

- static void test (String[] args) throws IOException
- static void main (String[] args) throws IOException

3.6.1 Detailed Description

Author

erik

3.6.2 Member Function Documentation

3.6.2.1 static void air.AIRMain.test (String[] args) throws IOException [static]

Parameters

args the command line arguments

Exceptions

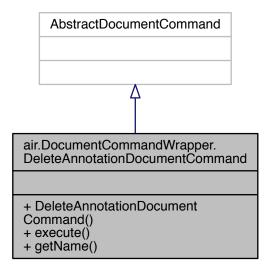
java.io.IOException

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

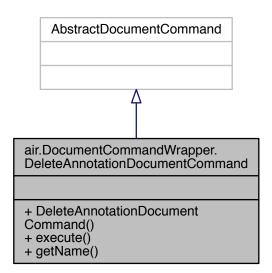
src/air/AIRMain.java

3.7 air.DocumentCommandWrapper.DeleteAnnotationDocumentCommand Class Reference

Inheritance diagram for air.DocumentCommandWrapper.DeleteAnnotationDocumentCommand:



Collaboration diagram for air.DocumentCommandWrapper.DeleteAnnotationDocumentCommand:

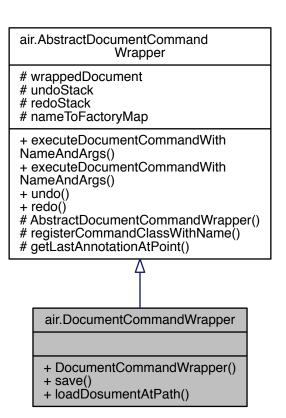


Public Member Functions

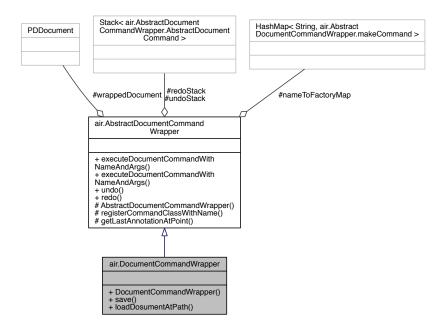
 DeleteAnnotationDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList< String args) 	>
 AbstractDocumentCommand execute () 	
String getName ()	
3.7.1 Member Function Documentation	
3.7.1.1 AbstractDocumentCommand air.DocumentCommandWrapper.DeleteAnnotationDocumentCommand.execute ()	
Returns If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.	
3.7.1.2 String air.DocumentCommandWrapper.DeleteAnnotationDocumentCommand.getName()	
Returns The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Dele Annotation" where the string after "Undo" is returned from getName().	∍te
The documentation for this class was generated from the following file:	
src/air/DocumentCommandWrapper.java	

3.8 air.DocumentCommandWrapper Class Reference

Inheritance diagram for air.DocumentCommandWrapper:



Collaboration diagram for air.DocumentCommandWrapper:



Classes

- class AddBoxAnnotationDocumentCommand
- class AddCircleAnnotationDocumentCommand
- class AddTextAnnotationDocumentCommand
- · class DeleteAnnotationDocumentCommand
- class MoveAnnotationDocumentCommand
- class ReplaceAnnotationDocumentCommand
- · class SaveDocumentCommand
- class SaveTextDocumentCommand

Public Member Functions

- DocumentCommandWrapper (PDDocument aDocument, String aPath)
- void save (String aPath) throws IOException

Save the PDF information encapsulated by the receiver to a file at the specified path.

Static Public Member Functions

• static DocumentCommandWrapper loadDosumentAtPath (String aPath) throws IOException

Reads information from the valid PDF file if any at aPath and returns a DocumentCommandWrapper instance ready to add or delete annotations to the loaded information.

Additional Inherited Members

3.8.1 Detailed Description

Author

erik

3.8.2 Member Function Documentation

3.8.2.1 static DocumentCommandWrapper air.DocumentCommandWrapper.loadDosumentAtPath (String aPath) throws IOException [static]

Reads information from the valid PDF file if any at aPath and returns a DocumentCommandWrapper instance ready to add or delete annotations to the loaded information.

Trace: REQ-041000, REQ-041060

Parameters

aPath A valid file system path to a valid PDF document.

Returns

An instance of DocumentCommandWrapper configured to apply Commands to the document at aPath.

Exceptions

IOException

3.8.2.2 void air.DocumentCommandWrapper.save (String aPath) throws IOException

Save the PDF information encapsulated by the receiver to a file at the specified path.

The saved information contains the same annotation and non-annotation information as the file (if any) from which information was loaded to initialize the receiver with the following exceptions: - Annotations added via the receiver since information was loaded are saved in the specified file. - Annotations deleted via the receiver since information was loaded are not saved in the specified file. - Annotations whose attributes have been changed via the receiver since information was loaded are save with changed attributes in the specified file. Trace: REQ-041000, REQ-041050

Parameters

aPath A valid complete file system path including the name of the document to save. The path must be writable in a file system with sufficient available storage capacity to store the information encapsulated by the receiver.



java.io.IOException

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

• src/air/DocumentCommandWrapper.java

3.9 air.AbstractDocumentCommandWrapper.makeCommandInterface Reference

Collaboration diagram for air.AbstractDocumentCommandWrapper.makeCommand:

air.AbstractDocumentCommand Wrapper.makeCommand

+ make()

Public Member Functions

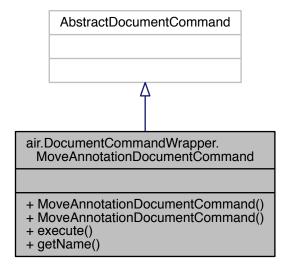
• AbstractDocumentCommand make (AbstractDocumentCommandWrapper anOwner, ArrayList< String > args)

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

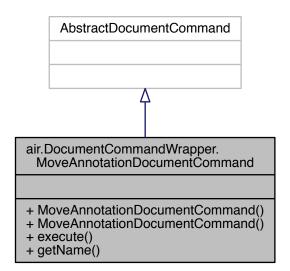
· src/air/AbstractDocumentCommandWrapper.java

3.10 air.DocumentCommandWrapper.MoveAnnotationDocumentCommand Class Reference

Inheritance diagram for air.DocumentCommandWrapper.MoveAnnotationDocumentCommand:



Collaboration diagram for air.DocumentCommandWrapper.MoveAnnotationDocumentCommand:



Public Member Functions

 MoveAnnotationDocumentCommand 	(AbstractDocumentCommandWrapper	anOwner,	ArrayList<	String	>
args)					

- MoveAnnotationDocumentCommand (AbstractDocumentCommandWrapper anOwner, List< PDAnnotation > annotations, ArrayList< String > args)
- AbstractDocumentCommand execute ()
- String getName ()

3.10.1 Member Function Documentation

3.10.1.1 AbstractDocumentCommand air.DocumentCommandWrapper.MoveAnnotationDocumentCommand.execute ()

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.10.1.2 String air.DocumentCommandWrapper.MoveAnnotationDocumentCommand.getName ()

Returns

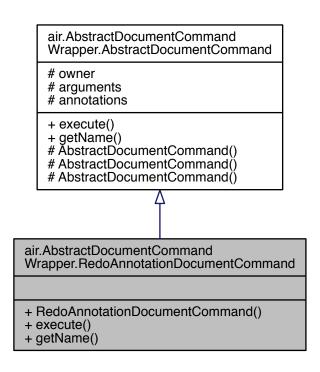
The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo" is returned from getName().

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

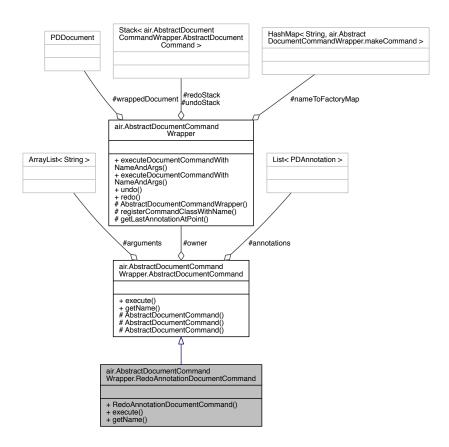
• src/air/DocumentCommandWrapper.java

3.11 air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand Class Reference

Inheritance diagram for air. Abstract Document Command Wrapper. Redo Annotation Document Command:



Collaboration diagram for air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand:



Public Member Functions

- RedoAnnotationDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList< String > args)
- AbstractDocumentCommand execute ()
- String getName ()

Additional Inherited Members

3.11.1 Member Function Documentation

3.11.1.1 AbstractDocumentCommand air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand.execute (

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.11.1.2 String air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand.getName ()

Returns

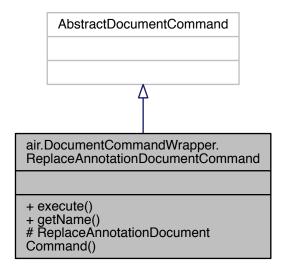
The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo" is returned from getName().

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

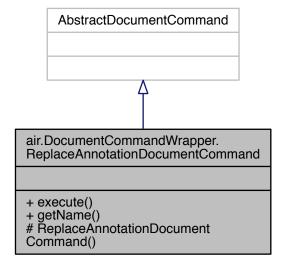
• src/air/AbstractDocumentCommandWrapper.java

3.12 air.DocumentCommandWrapper.ReplaceAnnotationDocumentCommand Class Reference

 $Inheritance\ diagram\ for\ air. Document Command Wrapper. Replace Annotation Document Command:$



Collaboration diagram for air.DocumentCommandWrapper.ReplaceAnnotationDocumentCommand:



Public Member Functions

- AbstractDocumentCommand execute ()
- String getName ()

Protected Member Functions

• ReplaceAnnotationDocumentCommand (AbstractDocumentCommandWrapper anOwner, List< PDAnnotation > someAnnotations, ArrayList< String > args)

3.12.1 Member Function Documentation

3.12.1.1 AbstractDocumentCommand air.DocumentCommandWrapper.ReplaceAnnotationDocumentCommand.execute ()

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.12.1.2 String air.DocumentCommandWrapper.ReplaceAnnotationDocumentCommand.getName ()

Returns

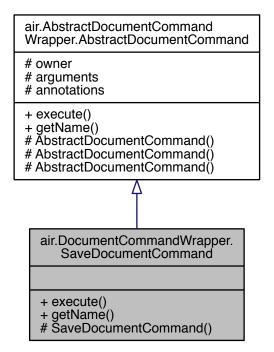
The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo" is returned from getName().

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

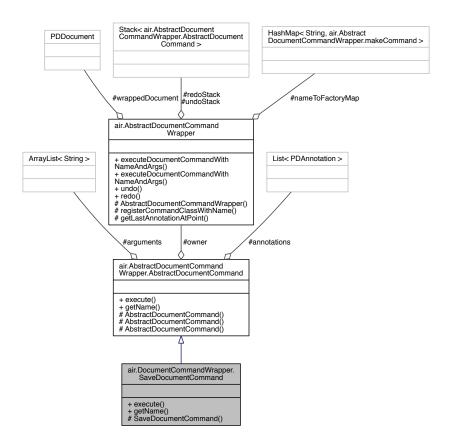
src/air/DocumentCommandWrapper.java

3.13 air.DocumentCommandWrapper.SaveDocumentCommand Class Reference

 $Inheritance\ diagram\ for\ air. Document Command Wrapper. Save Document Command:$



Collaboration diagram for air.DocumentCommandWrapper.SaveDocumentCommand:



Public Member Functions

- AbstractDocumentCommand execute ()
- String getName ()

Protected Member Functions

• SaveDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList< String > args)

Additional Inherited Members

- 3.13.1 Member Function Documentation
- 3.13.1.1 AbstractDocumentCommand air.DocumentCommandWrapper.SaveDocumentCommand.execute ()

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.13.1.2 String air.DocumentCommandWrapper.SaveDocumentCommand.getName ()

Returns

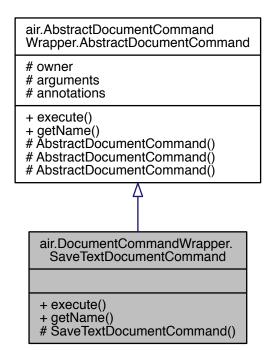
The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo" is returned from getName().

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

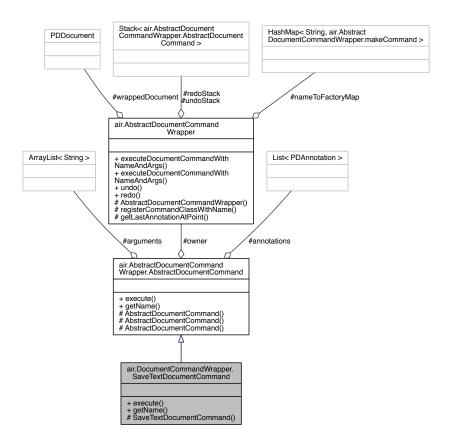
src/air/DocumentCommandWrapper.java

3.14 air.DocumentCommandWrapper.SaveTextDocumentCommand Class Reference

Inheritance diagram for air.DocumentCommandWrapper.SaveTextDocumentCommand:



Collaboration diagram for air.DocumentCommandWrapper.SaveTextDocumentCommand:



Public Member Functions

- AbstractDocumentCommand execute ()
- String getName ()

Protected Member Functions

• SaveTextDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList< String > args)

Additional Inherited Members

- 3.14.1 Member Function Documentation
- 3.14.1.1 AbstractDocumentCommand air.DocumentCommandWrapper.SaveTextDocumentCommand.execute ()

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.14.1.2 String air.DocumentCommandWrapper.SaveTextDocumentCommand.getName ()

Returns

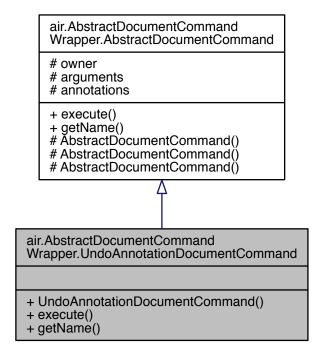
The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo" is returned from getName().

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

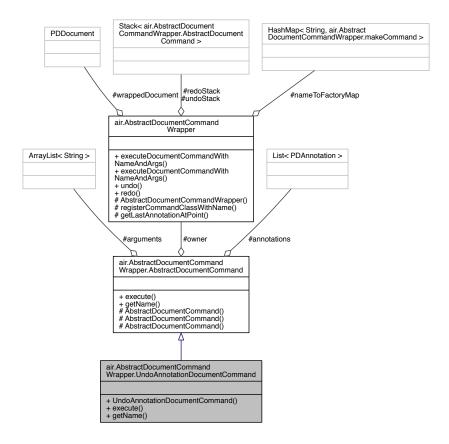
src/air/DocumentCommandWrapper.java

3.15 air.AbstractDocumentCommandWrapper.UndoAnnotationDocumentCommand Class Reference

Inheritance diagram for air. Abstract Document Command Wrapper. Undo Annotation Document Command:



Collaboration diagram for air.AbstractDocumentCommandWrapper.UndoAnnotationDocumentCommand:



Public Member Functions

- UndoAnnotationDocumentCommand (AbstractDocumentCommandWrapper anOwner, ArrayList< String > args)
- AbstractDocumentCommand execute ()
- String getName ()

Additional Inherited Members

3.15.1 Member Function Documentation

3.15.1.1 AbstractDocumentCommand air.AbstractDocumentCommandWrapper.UndoAnnotationDocumentCommand.execute (

Returns

If execute() succeeds, a Command that is the reciprocal of the receiver is returned. Otherwise, null is returned.

3.15.1.2 String air.AbstractDocumentCommandWrapper.UndoAnnotationDocumentCommand.getName ()

Returns

The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo " is returned from getName().

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

• src/air/AbstractDocumentCommandWrapper.java

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