My Project

Contents

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

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

Chapter 2

Class Index

2.1 Class List

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

Chapter 3

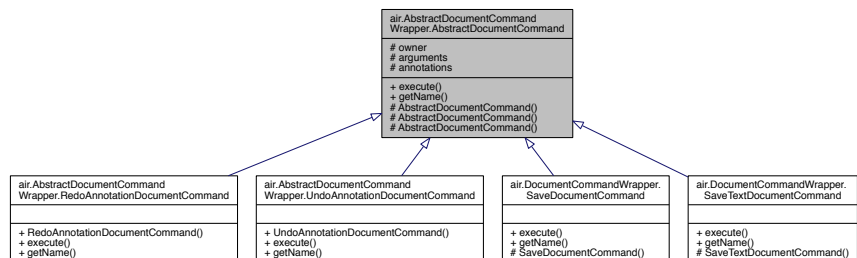# Class Documentation

3.1 air.AbstractDocumentCommandWrapper.AbstractDocumentCommand Class Reference

Inheritance diagram for air.AbstractDocumentCommandWrapper.AbstractDocumentCommand:

Collaboration diagram for air.AbstractDocumentCommandWrapper.AbstractDocumentCommand:

```
┌─────────────┐   ┌──────────────────────┐        ┌──────────────────────────┐
│  PDDocument │   │ Stack< air.AbstractDocument │   │ HashMap< String, air.Abstract │
│             │   │ CommandWrapper.AbstractDocument │  │ DocumentCommandWrapper.makeCommand > │
├─────────────┤   │      Command >       │        ├──────────────────────────┤
│             │   ├──────────────────────┤        │                          │
└─────────────┘   │                      │        ├──────────────────────────┤
                  ├──────────────────────┤        │                          │
                  │                      │        └──────────────────────────┘
                  └──────────────────────┘
```

```
          #wrappedDocument   #redoStack                    #nameToFactoryMap
                             #undoStack
```

```
                  ┌───────────────────────────────┐
                  │ air.AbstractDocumentCommand    │
                  │           Wrapper              │
┌──────────────┐  ├───────────────────────────────┤   ┌─────────────────────┐
│ ArrayList< String > │ + executeDocumentCommandWith  │   │ List< PDAnnotation > │
├──────────────┤  │   NameAndArgs()                │   ├─────────────────────┤
│              │  │ + executeDocumentCommandWith   │   │                     │
├──────────────┤  │   NameAndArgs()                │   ├─────────────────────┤
│              │  │ + undo()                       │   │                     │
└──────────────┘  │ + redo()                       │   └─────────────────────┘
                  │ # AbstractDocumentCommandWrapper() │
                  │ # registerCommandClassWithName()   │
                  │ # getLastAnnotationAtPoint()    │
                  └───────────────────────────────┘
```

```
          #arguments         #owner                #annotations
```

```
                  ┌───────────────────────────────┐
                  │ air.AbstractDocumentCommand    │
                  │ Wrapper.AbstractDocumentCommand │
                  ├───────────────────────────────┤
                  ├───────────────────────────────┤
                  │ + execute()                    │
                  │ + getName()                    │
                  │ # AbstractDocumentCommand()    │
                  │ # AbstractDocumentCommand()    │
                  │ # AbstractDocumentCommand()    │
                  └───────────────────────────────┘
```

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

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

If 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]`

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().

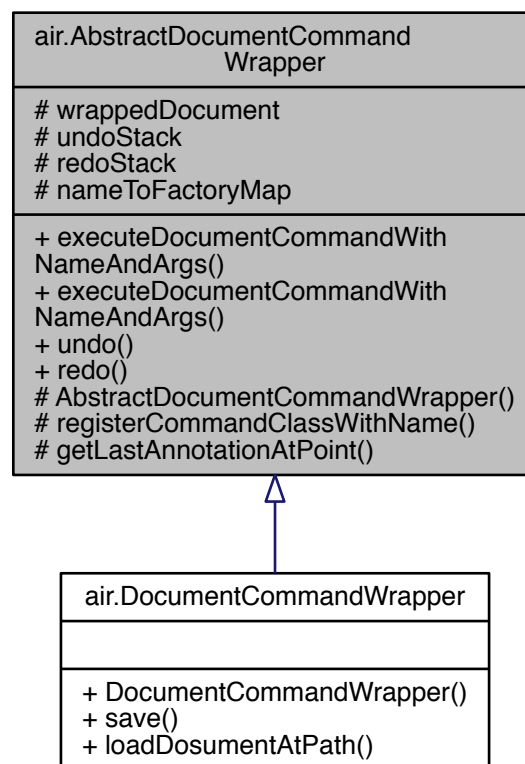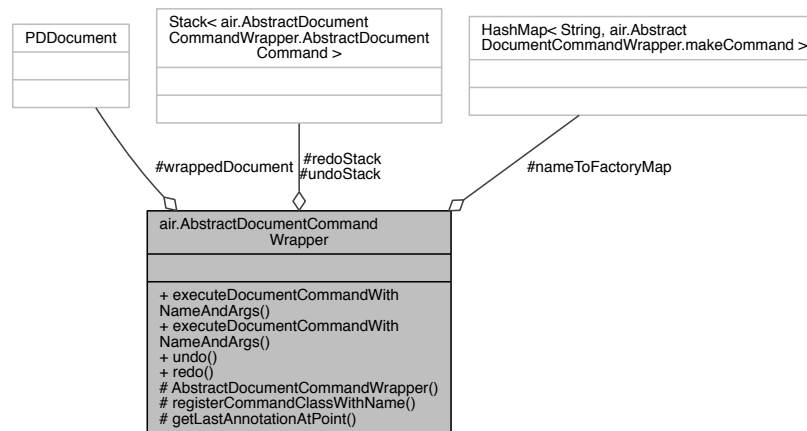The documentation for this class was generated from the following file:

- src/air/AbstractDocumentCommandWrapper.java

3.2 air.AbstractDocumentCommandWrapper Class Reference

Inheritance diagram for air.AbstractDocumentCommandWrapper:

Collaboration diagram for air.AbstractDocumentCommandWrapper:

```
┌─────────────┐   ┌──────────────────────────┐   ┌──────────────────────────────┐
│ PDDocument  │   │ Stack< air.AbstractDocument│  │ HashMap< String, air.Abstract│
│             │   │ CommandWrapper.AbstractDocument│ │ DocumentCommandWrapper.makeCommand >│
├─────────────┤   │ Command >                │   ├──────────────────────────────┤
│             │   ├──────────────────────────┤   │                              │
└─────────────┘   │                          │   ├──────────────────────────────┤
                  └──────────────────────────┘   │                              │
                                                 └──────────────────────────────┘
```

#wrappedDocument   #redoStack   #nameToFactoryMap
#undoStack

```
┌──────────────────────────────────┐
│ air.AbstractDocumentCommand       │
│ Wrapper                           │
├──────────────────────────────────┤
├──────────────────────────────────┤
│ + executeDocumentCommandWith      │
│ NameAndArgs()                     │
│ + executeDocumentCommandWith      │
│ NameAndArgs()                     │
│ + undo()                          │
│ + redo()                          │
│ # AbstractDocumentCommandWrapper()│
│ # registerCommandClassWithName()  │
│ # getLastAnnotationAtPoint()      │
└──────────────────────────────────┘
```

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**
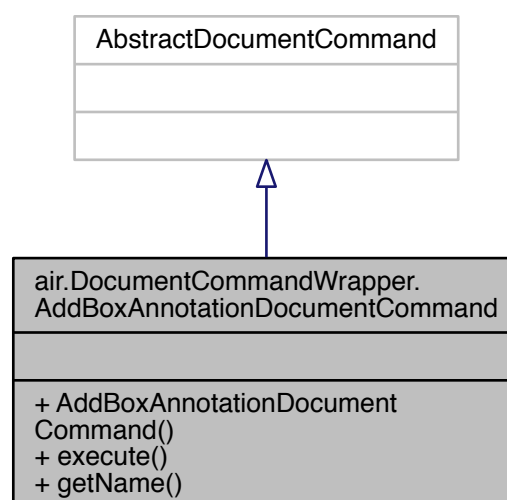
3.2.1 Detailed Description

Author

erik

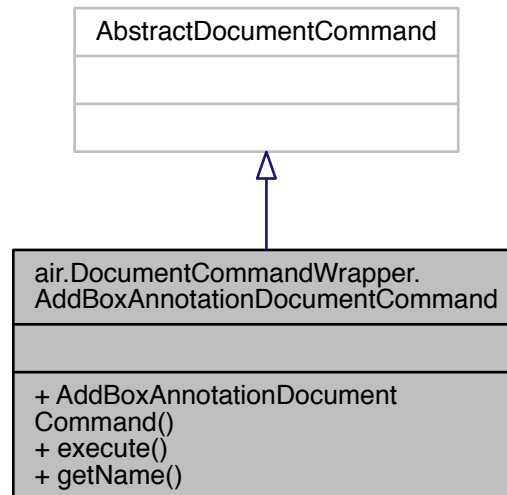The documentation for this class was generated from the following file:

- src/air/AbstractDocumentCommandWrapper.java

3.3 air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand Class Reference

Inheritance diagram for air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand:

Collaboration diagram for air.DocumentCommandWrapper.AddBoxAnnotationDocumentCommand:

```
          ┌─────────────────────────────────┐
          │    AbstractDocumentCommand       │
          ├─────────────────────────────────┤
          │                                  │
          ├─────────────────────────────────┤
          │                                  │
          └─────────────────────────────────┘
                          △
                          │
          ┌─────────────────────────────────┐
          │  air.DocumentCommandWrapper.     │
          │  AddBoxAnnotationDocumentCommand │
          ├─────────────────────────────────┤
          │                                  │
          ├─────────────────────────────────┤
          │ + AddBoxAnnotationDocument       │
          │ Command()                        │
          │ + execute()                      │
          │ + getName()                      │
          └─────────────────────────────────┘
```

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:

```
┌─────────────────────────────────┐
│   AbstractDocumentCommand        │
├─────────────────────────────────┤
│                                  │
├─────────────────────────────────┤
│                                  │
└─────────────────────────────────┘
              △
              │
┌─────────────────────────────────┐
│ air.DocumentCommandWrapper.      │
│ AddCircleAnnotationDocumentCommand │
├─────────────────────────────────┤
│                                  │
├─────────────────────────────────┤
│ + AddCircleAnnotationDocument    │
│ Command()                        │
│ + execute()                      │
│ + getName()                      │
└─────────────────────────────────┘
```

Collaboration diagram for air.DocumentCommandWrapper.AddCircleAnnotationDocumentCommand:

```
┌─────────────────────────────────┐
│    AbstractDocumentCommand        │
├─────────────────────────────────┤
│                                   │
├─────────────────────────────────┤
│                                   │
└─────────────────────────────────┘
                △
                │
┌─────────────────────────────────┐
│  air.DocumentCommandWrapper.       │
│  AddCircleAnnotationDocumentCommand│
├─────────────────────────────────┤
│                                   │
├─────────────────────────────────┤
│  + AddCircleAnnotationDocument     │
│  Command()                         │
│  + execute()                       │
│  + getName()                       │
└─────────────────────────────────┘
```
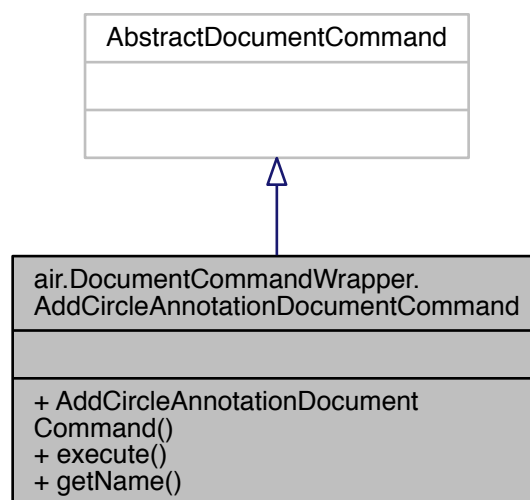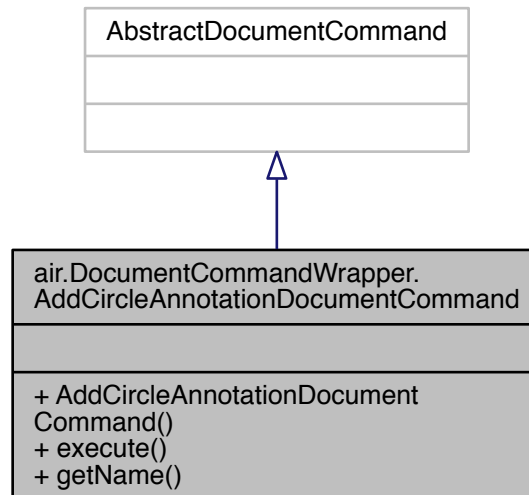
Public Member Functions

- **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:
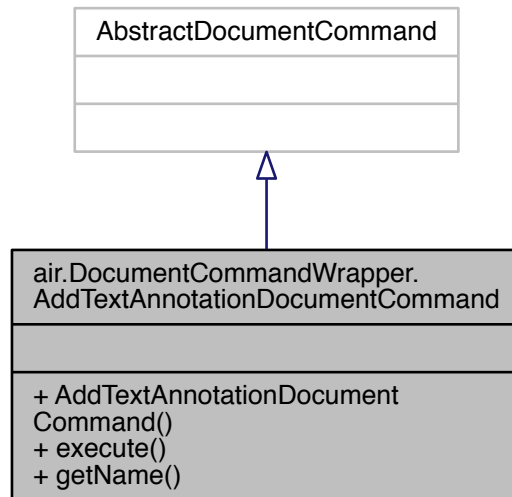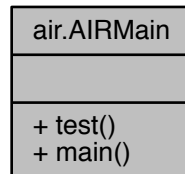
- src/air/DocumentCommandWrapper.java

3.5 air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand Class Reference

Inheritance diagram for air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand:
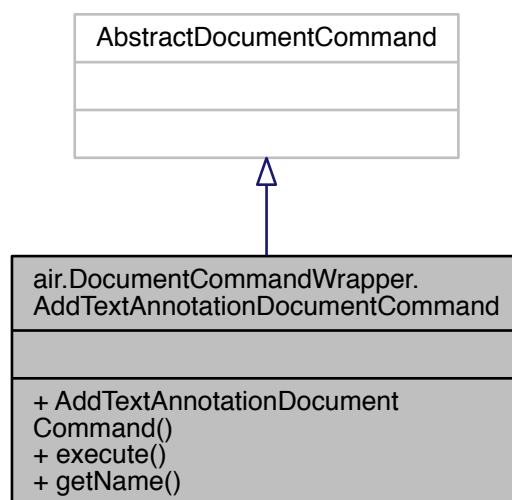
Collaboration diagram for air.DocumentCommandWrapper.AddTextAnnotationDocumentCommand:

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

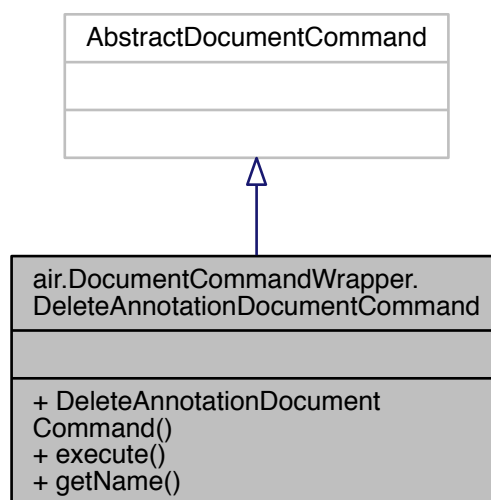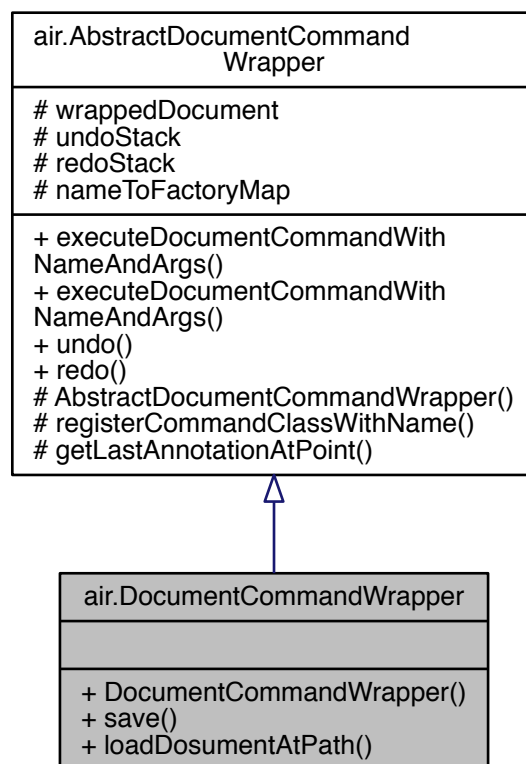The name of the command as it will appear in a user interface for undo and redo operations e.g. "Undo Delete Annotation" where the string after "Undo " is returned from getName().

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:
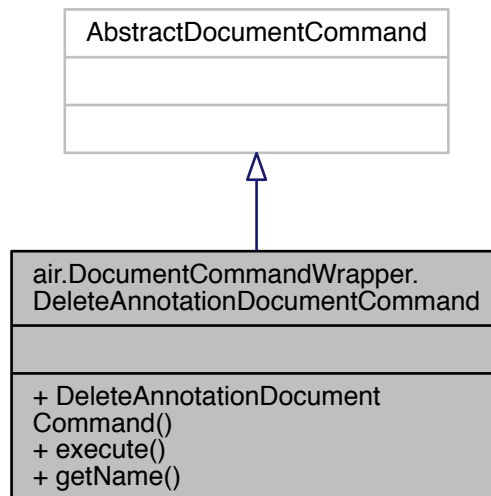
Collaboration diagram for air.DocumentCommandWrapper.DeleteAnnotationDocumentCommand:

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 Delete Annotation" where the string after "Undo " is returned from getName().

The documentation for this class was generated from the following file:
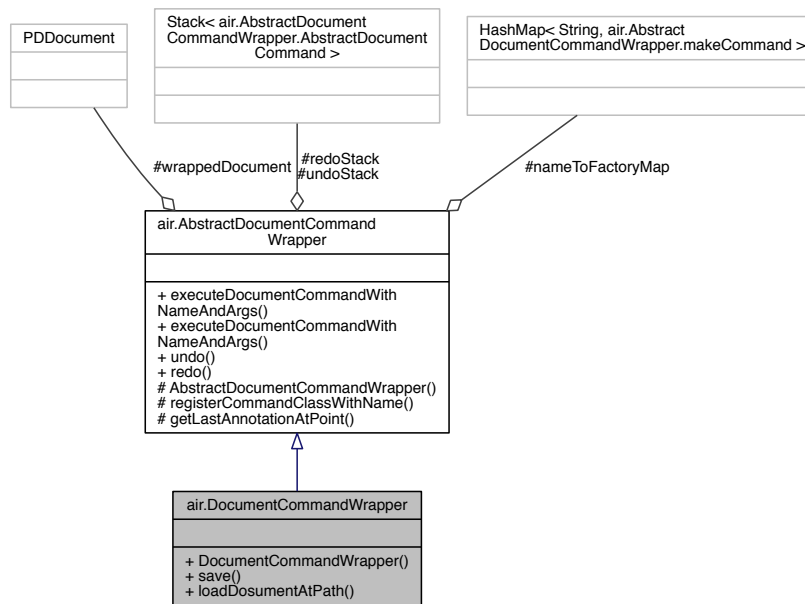
- src/air/DocumentCommandWrapper.java

3.8   air.DocumentCommandWrapper Class Reference

Inheritance diagram for air.DocumentCommandWrapper:

Collaboration diagram for air.DocumentCommandWrapper:

```
                  ┌──────────┐  ┌────────────────────┐      ┌──────────────────────────┐
                  │PDDocument│  │Stack< air.AbstractDocument│  │HashMap< String, air.Abstract│
                  │          │  │CommandWrapper.AbstractDocument│ │DocumentCommandWrapper.makeCommand >│
                  │          │  │     Command >      │      │                          │
                  ├──────────┤  ├────────────────────┤      ├──────────────────────────┤
                  │          │  │                    │      │                          │
                  └──────────┘  └────────────────────┘      └──────────────────────────┘
```

#wrappedDocument   #redoStack   #nameToFactoryMap
                    #undoStack

```
                  ┌─────────────────────────────┐
                  │air.AbstractDocumentCommand  │
                  │        Wrapper              │
                  ├─────────────────────────────┤
                  ├─────────────────────────────┤
                  │+ executeDocumentCommandWith │
                  │NameAndArgs()                │
                  │+ executeDocumentCommandWith │
                  │NameAndArgs()                │
                  │+ undo()                     │
                  │+ redo()                     │
                  │# AbstractDocumentCommandWrapper()│
                  │# registerCommandClassWithName()  │
                  │# getLastAnnotationAtPoint() │
                  └─────────────────────────────┘
                            △
                  ┌─────────────────────────────┐
                  │air.DocumentCommandWrapper   │
                  ├─────────────────────────────┤
                  ├─────────────────────────────┤
                  │+ DocumentCommandWrapper()   │
                  │+ save()                     │
                  │+ loadDosumentAtPath()       │
                  └─────────────────────────────┘
```

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.

Exceptions

java.io.IOException	

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

- src/air/DocumentCommandWrapper.java

3.9 air.AbstractDocumentCommandWrapper.makeCommand Interface Reference

Collaboration diagram for air.AbstractDocumentCommandWrapper.makeCommand:

air.AbstractDocumentCommand Wrapper.makeCommand
+ make()
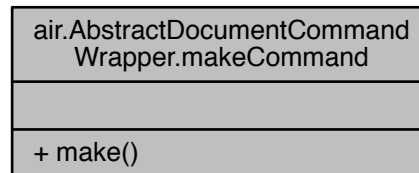
Public Member Functions

- 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:
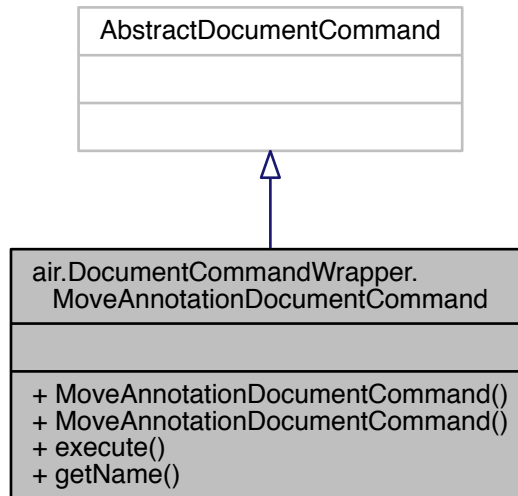
Collaboration diagram for air.DocumentCommandWrapper.MoveAnnotationDocumentCommand:
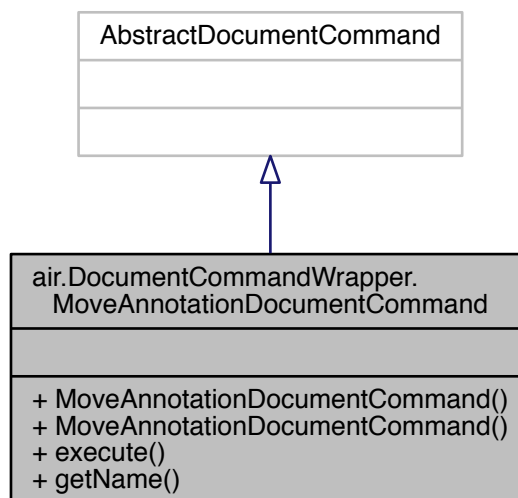
Public Member Functions

- **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().

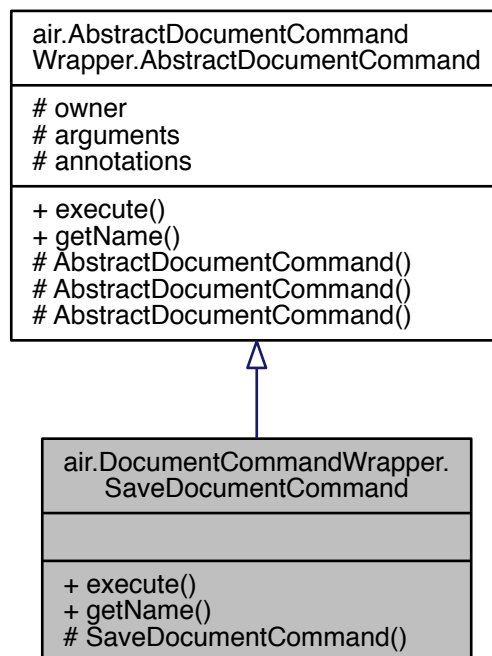The documentation for this class was generated from the following file:

- src/air/DocumentCommandWrapper.java

3.11 air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand Class Reference

Inheritance diagram for air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand:

```
┌─────────────────────────────────────┐
│ air.AbstractDocumentCommand          │
│ Wrapper.AbstractDocumentCommand      │
├─────────────────────────────────────┤
│ # owner                              │
│ # arguments                          │
│ # annotations                        │
├─────────────────────────────────────┤
│ + execute()                          │
│ + getName()                          │
│ # AbstractDocumentCommand()          │
│ # AbstractDocumentCommand()          │
│ # AbstractDocumentCommand()          │
└─────────────────────────────────────┘
                  △
                  │
┌─────────────────────────────────────┐
│ air.AbstractDocumentCommand          │
│ Wrapper.RedoAnnotationDocumentCommand│
├─────────────────────────────────────┤
├─────────────────────────────────────┤
│ + RedoAnnotationDocumentCommand()    │
│ + execute()                          │
│ + getName()                          │
└─────────────────────────────────────┘
```
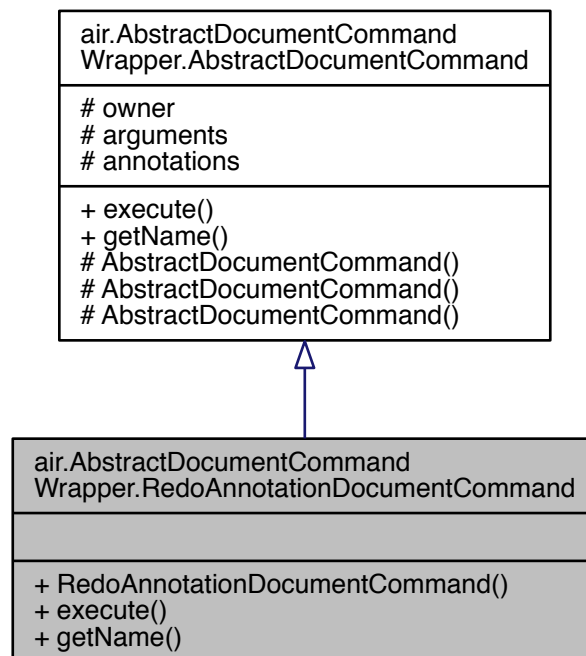
Collaboration diagram for air.AbstractDocumentCommandWrapper.RedoAnnotationDocumentCommand:
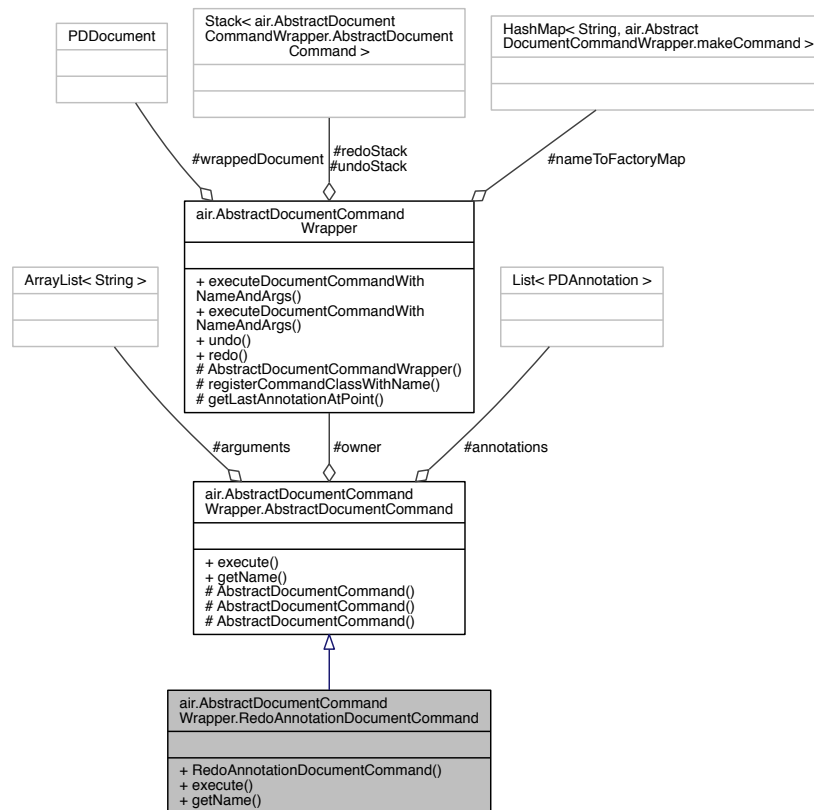
Public Member Functions

- **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.DocumentCommandWrapper.ReplaceAnnotationDocumentCommand:
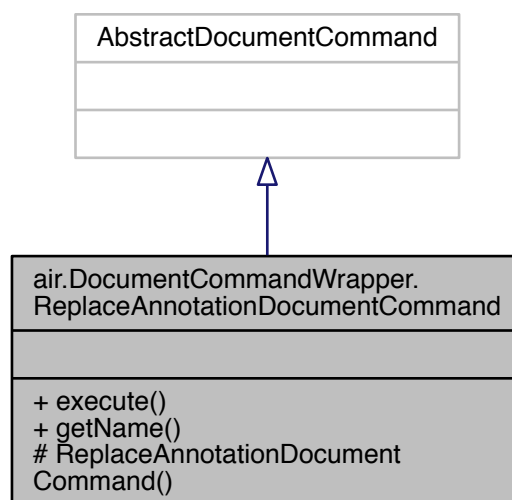
Collaboration diagram for air.DocumentCommandWrapper.ReplaceAnnotationDocumentCommand:
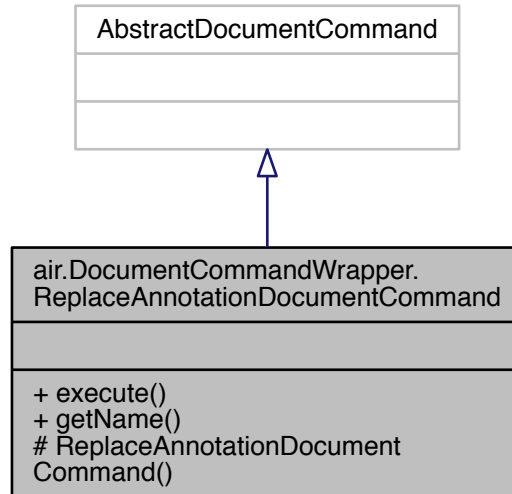
Public Member Functions

- 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.DocumentCommandWrapper.SaveDocumentCommand:

```
┌─────────────────────────────────────┐
│ air.AbstractDocumentCommand          │
│ Wrapper.AbstractDocumentCommand      │
├─────────────────────────────────────┤
│ # owner                              │
│ # arguments                          │
│ # annotations                        │
├─────────────────────────────────────┤
│ + execute()                          │
│ + getName()                          │
│ # AbstractDocumentCommand()          │
│ # AbstractDocumentCommand()          │
│ # AbstractDocumentCommand()          │
└─────────────────────────────────────┘
                  △
                  │
┌─────────────────────────────────────┐
│ air.DocumentCommandWrapper.          │
│     SaveDocumentCommand              │
├─────────────────────────────────────┤
│                                      │
├─────────────────────────────────────┤
│ + execute()                          │
│ + getName()                          │
│ # SaveDocumentCommand()              │
└─────────────────────────────────────┘
```

Collaboration diagram for air.DocumentCommandWrapper.SaveDocumentCommand:
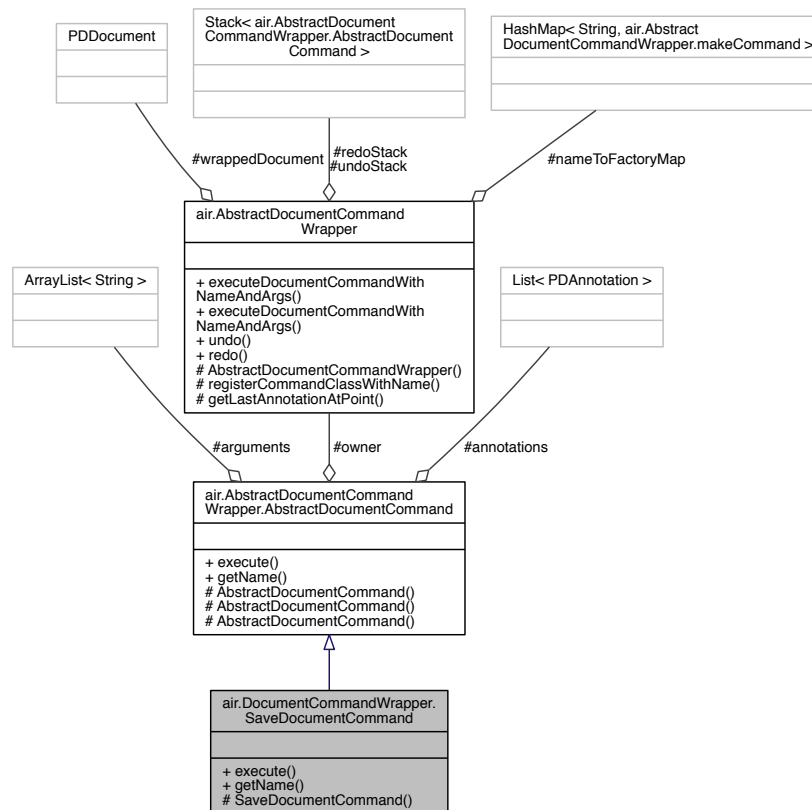
Public Member Functions

- 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:
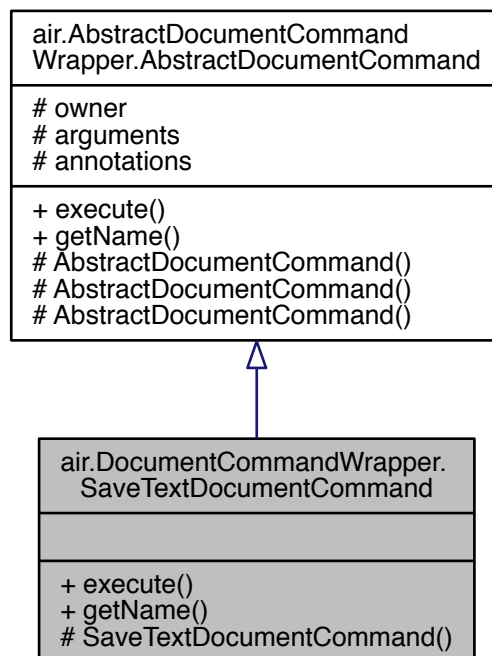
Collaboration diagram for air.DocumentCommandWrapper.SaveTextDocumentCommand:
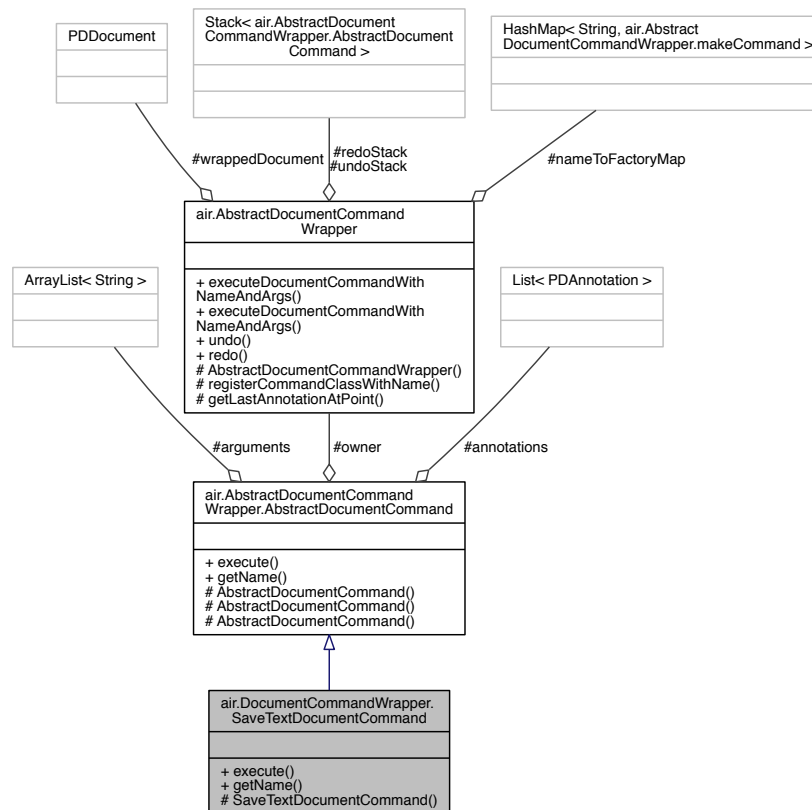
Public Member Functions

- 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.AbstractDocumentCommandWrapper.UndoAnnotationDocumentCommand:
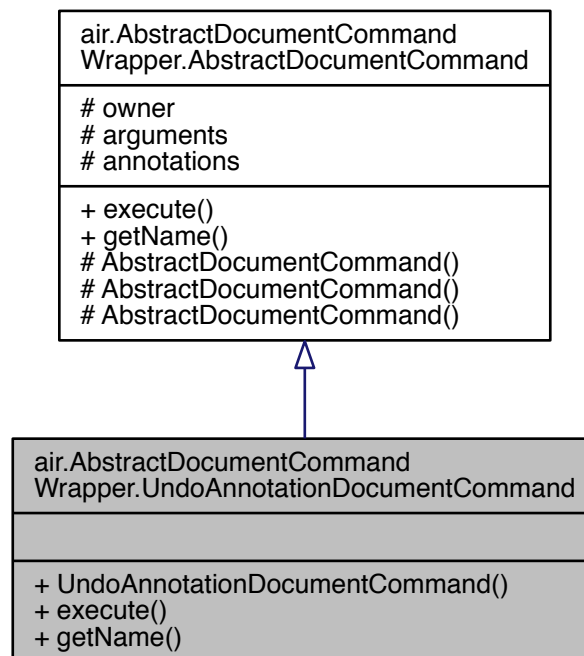
Collaboration diagram for air.AbstractDocumentCommandWrapper.UndoAnnotationDocumentCommand:
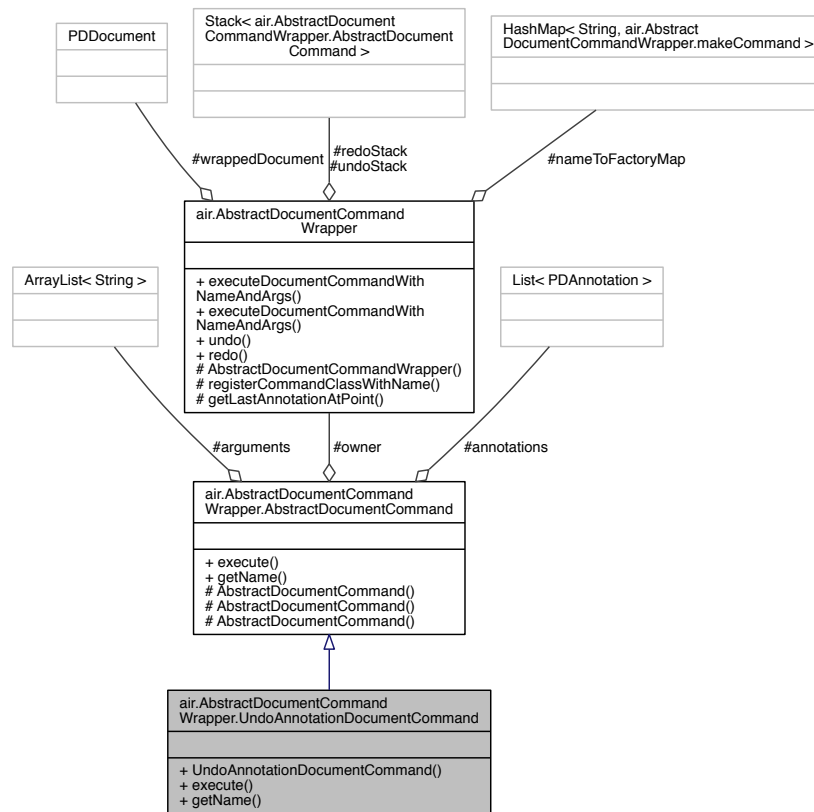
Public Member Functions

- **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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