

Soft40051_HJ

Generated by Doxygen 1.8.17

1 Hierarchical Index	1
1.1 Class Hierarchy	1
2 Class Index	3
2.1 Class List	3
3 Class Documentation	5
3.1 com.mycompany.soft400051_hj_local.App Class Reference	5
3.1.1 Detailed Description	6
3.2 com.mycompany.soft400051_hj_local.ButtonController Class Reference	6
3.2.1 Detailed Description	7
3.3 com.mycompany.soft400051_hj_local.CreateDialog Class Reference	8
3.3.1 Detailed Description	8
3.4 com.mycompany.soft400051_hj_local.dbconnection Class Reference	9
3.4.1 Detailed Description	10
3.4.2 Member Function Documentation	10
3.4.2.1 checkFileExists()	10
3.4.2.2 deleteFile()	10
3.4.2.3 filesInsert()	11
3.4.2.4 filesUpdate()	11
3.4.2.5 finalDeleteFile()	12
3.4.2.6 getEmail()	12
3.4.2.7 getOwnerId()	12
3.4.2.8 initDeletedTable()	12
3.4.2.9 initFilesTable()	13
3.4.2.10 insertDeletedTable()	13
3.4.2.11 listDirectory()	13
3.4.2.12 listFolders()	13
3.4.2.13 listUsers()	14
3.4.2.14 permaDeleteFile()	14
3.4.2.15 restoreFile()	14
3.4.2.16 shareFile()	15
3.4.2.17 unShareFile()	15
3.5 com.mycompany.soft400051_hj_local.model.Directory Class Reference	16
3.5.1 Detailed Description	16
3.6 com.mycompany.soft400051_hj_local.model.FileMethods Class Reference	16
3.6.1 Detailed Description	18
3.6.2 Constructor & Destructor Documentation	18
3.6.2.1 FileMethods()	18
3.6.3 Member Function Documentation	18
3.6.3.1 assembleFile()	19
3.6.3.2 ChunkFile()	19
3.6.3.3 CopyFile()	19

3.6.3.4 CreateFile()	19
3.6.3.5 DeleteFile()	21
3.6.3.6 DownloadFile()	21
3.6.3.7 getCurDir()	21
3.6.3.8 getOwner()	22
3.6.3.9 grabFile()	22
3.6.3.10 MoveFile()	22
3.6.3.11 RenameFile()	22
3.6.3.12 RestoreFile()	23
3.6.3.13 SendFile()	23
3.6.3.14 setCurDir()	23
3.6.3.15 ShareFile()	24
3.6.3.16 UnshareFile()	24
3.6.3.17 UploadFile()	24
3.7 com.mycompany.soft400051_hj_local.FolderController Class Reference	25
3.7.1 Detailed Description	26
3.8 com.mycompany.soft400051_hj_local.Logger_Controller Class Reference	26
3.9 com.mycompany.soft400051_hj_local.LoginController Class Reference	27
3.9.1 Detailed Description	27
3.10 com.mycompany.soft400051_hj_local.MoveDialog Class Reference	28
3.10.1 Detailed Description	28
3.10.2 Member Function Documentation	29
3.10.2.1 SetCBFolder()	29
3.11 com.mycompany.soft400051_hj_local.PrimaryController Class Reference	29
3.12 com.mycompany.soft400051_hj_local.RegisterController Class Reference	29
3.13 com.mycompany.soft400051_hj_local.RenameDialog Class Reference	29
3.13.1 Detailed Description	30
3.14 com.mycompany.soft400051_hj_local.SecondaryController Class Reference	31
3.15 com.mycompany.soft400051_hj_local.ShareDialog Class Reference	31
3.15.1 Detailed Description	32
3.15.2 Member Function Documentation	32
3.15.2.1 initialize()	32
3.15.2.2 SetCBShareWith()	32
3.16 com.mycompany.soft400051_hj_local.TestController Class Reference	32
3.17 com.mycompany.soft400051_hj_local.UserdataController Class Reference	33
3.17.1 Detailed Description	33
3.18 com.mycompany.soft400051_hj_local.model.UserFile Class Reference	33
3.18.1 Detailed Description	35
3.18.2 Member Function Documentation	35
3.18.2.1 getChunk1()	35
3.18.2.2 getChunk2()	35
3.18.2.3 getChunk3()	36

3.18.2.4 getChunk4()	36
3.18.2.5 getId()	36
3.18.2.6 getIsOwned()	36
3.18.2.7 getIsWritable()	37
3.18.2.8 getOwnerId()	37
3.18.2.9 setChunk1()	37
3.18.2.10 setChunk2()	37
3.18.2.11 setChunk3()	38
3.18.2.12 setChunk4()	38
3.18.2.13 setId()	38
3.18.2.14 setIsOwned()	38
3.18.2.15 setIsWritable()	39
3.18.2.16 setOwnerId()	39
3.18.2.17 toString()	39
3.19 com.mycompany.soft400051_hj_local.model.UserFolder Class Reference	40
3.19.1 Detailed Description	41
3.19.2 Constructor & Destructor Documentation	41
3.19.2.1 UserFolder() [1/2]	41
3.19.2.2 UserFolder() [2/2]	41
3.19.3 Member Function Documentation	41
3.19.3.1 toString()	41
3.20 com.mycompany.soft400051_hj_local.UserProfileController Class Reference	42
3.20.1 Detailed Description	44
3.20.2 Member Function Documentation	44
3.20.2.1 CopyBtnClicked()	44
3.20.2.2 CreateBtnClicked()	44
3.20.2.3 DeleteBtnClicked()	44
3.20.2.4 HomeBtnClicked()	44
3.20.2.5 Logout()	44
3.20.2.6 MoveBtnClicked()	45
3.20.2.7 ReceiveCreateFileContent()	45
3.20.2.8 ReceiveReadOrWrite()	45
3.20.2.9 ReceiveRename()	45
3.20.2.10 RecieveMoveFolder()	46
3.20.2.11 RecycleBtnClicked()	46
3.20.2.12 RenameBtnClicked()	46
3.20.2.13 SetButtons()	46
3.20.2.14 setCurDir()	46
3.20.2.15 ShareBtnClicked()	47
3.20.2.16 UnshareBtnClicked()	47
3.20.2.17 UploadBtnClicked()	47

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

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

com.mycompany.soft400051_hj_local.dbconnection	9
com.mycompany.soft400051_hj_local.model.Directory	16
com.mycompany.soft400051_hj_local.model.UserFile	33
com.mycompany.soft400051_hj_local.model.UserFolder	40
com.mycompany.soft400051_hj_local.model.FileMethods	16
com.mycompany.soft400051_hj_local.UserProfileController	42
com.mycompany.soft400051_hj_local.Logger_Controller	26
com.mycompany.soft400051_hj_local.LoginController	27
com.mycompany.soft400051_hj_local.PrimaryController	29
com.mycompany.soft400051_hj_local.RegisterController	29
com.mycompany.soft400051_hj_local.SecondaryController	31
com.mycompany.soft400051_hj_local.TestController	32
com.mycompany.soft400051_hj_local.UserdataController	33
Application	
com.mycompany.soft400051_hj_local.App	5
Initializable	
com.mycompany.soft400051_hj_local.ButtonController	6
com.mycompany.soft400051_hj_local.CreateDialog	8
com.mycompany.soft400051_hj_local.FolderController	25
com.mycompany.soft400051_hj_local.MoveDialog	28
com.mycompany.soft400051_hj_local.RenameDialog	29
com.mycompany.soft400051_hj_local.ShareDialog	31
com.mycompany.soft400051_hj_local.UserProfileController	42

Chapter 2

Class Index

2.1 Class List

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

com.mycompany.soft400051_hj_local.App	
Creating a class App and launch Application	5
com.mycompany.soft400051_hj_local.ButtonController	
Creating a class ButtonController to control clicks on button	6
com.mycompany.soft400051_hj_local.CreateDialog	
This Class controls the fxml Page for Creating a new File	8
com.mycompany.soft400051_hj_local.dbconnection	
Creating a class dbconnection to control Database Connection and Query	9
com.mycompany.soft400051_hj_local.model.Directory	
Abstract class to be extended to UserFile and UserFolder	16
com.mycompany.soft400051_hj_local.model.FileMethods	
Abstract class with the methods for a users file operations	16
com.mycompany.soft400051_hj_local.FolderController	
This Class controls the Folderfxml	25
com.mycompany.soft400051_hj_local.Logger_Controller	26
com.mycompany.soft400051_hj_local.LoginController	
Creating a class LoginController to control Function of button	27
com.mycompany.soft400051_hj_local.MoveDialog	
This Class controls the fxml Page for Moving a File	28
com.mycompany.soft400051_hj_local.PrimaryController	29
com.mycompany.soft400051_hj_local.RegisterController	29
com.mycompany.soft400051_hj_local.RenameDialog	
This Class controls the fxml Page for Renaming a File	29
com.mycompany.soft400051_hj_local.SecondaryController	31
com.mycompany.soft400051_hj_local.ShareDialog	
Controller for the ShareDialog fxml	31
com.mycompany.soft400051_hj_local.TestController	32
com.mycompany.soft400051_hj_local.UserdataController	
Creating a class UserdataController to control clicks on button once Logged In	33
com.mycompany.soft400051_hj_local.model.UserFile	
Class to save file details	33
com.mycompany.soft400051_hj_local.model.UserFolder	
Class to save details of Folders	40
com.mycompany.soft400051_hj_local.UserProfileController	
This Class controls the fxml Page for the Users Profile	42

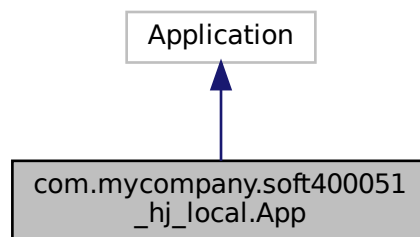
Chapter 3

Class Documentation

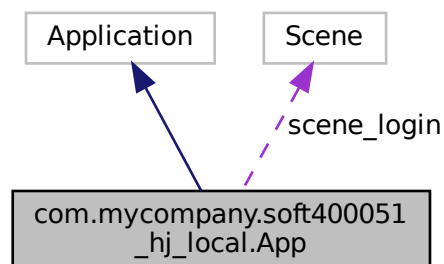
3.1 com.mycompany.soft400051_hj_local.App Class Reference

creating a class [App](#) and launch Application

Inheritance diagram for com.mycompany.soft400051_hj_local.App:



Collaboration diagram for com.mycompany.soft400051_hj_local.App:



Public Member Functions

- void **start** (Stage stage) throws Exception

Static Public Member Functions

- static void **main** (String[] args)

Static Protected Attributes

- static Scene **scene_login**

3.1.1 Detailed Description

creating a class [App](#) and launch Application

JavaFX [App](#)

Loading Button.fxml file to get the Screens

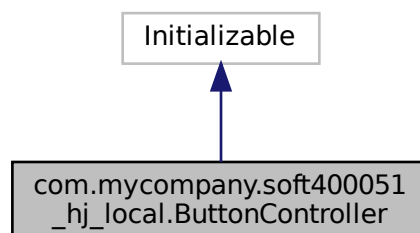
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/App.java

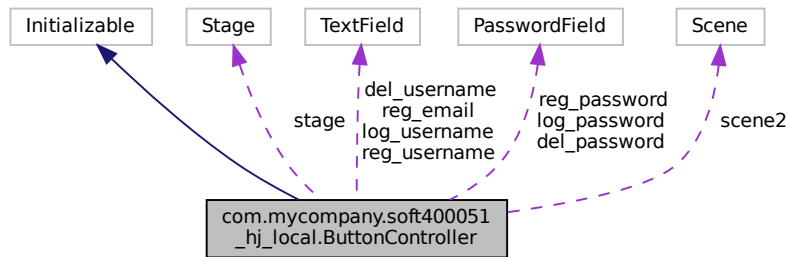
3.2 com.mycompany.soft400051_hj_local.ButtonController Class Reference

Creating a class [ButtonController](#) to control clicks on button.

Inheritance diagram for com.mycompany.soft400051_hj_local.ButtonController:



Collaboration diagram for com.mycompany.soft400051_hj_local.ButtonController:



Public Member Functions

- void **initialize** (URL url, ResourceBundle rb)
- void **login** (ActionEvent event)
- void **register** ()
- void **deleteuser** ()

Protected Attributes

- TextField **log_username**
- PasswordField **log_password**
- TextField **reg_username**
- PasswordField **reg_password**
- TextField **del_username**
- PasswordField **del_password**

Static Protected Attributes

- static Stage **stage**
- static Scene **scene2**

3.2.1 Detailed Description

Creating a class [ButtonController](#) to control clicks on button.

FXML Controller class

Author

harsh

All function are performed in class [LoginController](#)

Loading Fields for Login, Register, Delete

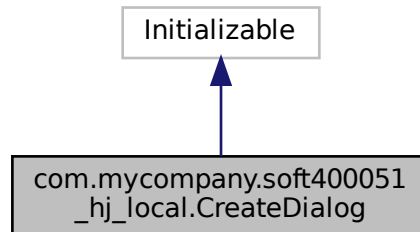
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/ButtonController.java

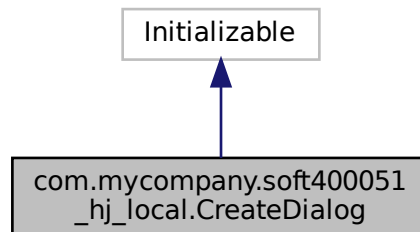
3.3 com.mycompany.soft400051_hj_local.CreateDialog Class Reference

This Class controls the fxml Page for Creating a new File.

Inheritance diagram for com.mycompany.soft400051_hj_local.CreateDialog:



Collaboration diagram for com.mycompany.soft400051_hj_local.CreateDialog:



Public Member Functions

- void [initialize](#) (URL location, ResourceBundle resources)

On Initialize set the events for the Cancel and Save Buttons. The Save button checks to ensure all fields are not blank before closing the stage. The Cancel button only closes the stage.

3.3.1 Detailed Description

This Class controls the fxml Page for Creating a new File.

Author

Joshua Miner

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

- src/main/java/com/mycompany/soft400051_hj_local/CreateDialog.java

3.4 com.mycompany.soft400051_hj_local.dbconnection Class Reference

Creating a class dbconnection to control Database Connection and Query.

Static Public Member Functions

- static List< String > [listUsers](#) (String Owner)
Retrieve a list of Users except the current logged in user.
- static List< [UserFile](#) > [permaDeleteFile](#) ()
Get the list of Files to be permanently deleted from the system.
- static void [finalDeleteFile](#) ()
Delete files older than 30 days from the database.
- static Boolean [checkFileExists](#) (String fileName, String filePath, String Owner)
Check if a file already exists for the user at that path.
- static Integer [getOwnerId](#) (String Owner)
Get the Users id from their email.
- static String [getEmail](#) (Integer userId)
Get user email from their ID.
- static void [deleteFile](#) (String Owner, [UserFile](#) userFile)
Temporarily delete a file from the cloud.
- static Boolean [restoreFile](#) (String Owner, [UserFile](#) userFile)
Restore Temporarily deleted files to the cloud.
- static Boolean [insertDeletedTable](#) (String Owner, [UserFile](#) userFile)
Insert File into Deleted Table.
- static void [initFilesTable](#) ()
Initialize Files and Folder Table.
- static void [initDeletedTable](#) ()
Initialize Deleted Tale.
- static List< [UserFile](#) > [listDirectory](#) (String owner, String filePath)
List all the files in a directory.
- static List< [UserFolder](#) > [listFolders](#) (String Owner, String folderPath)
List all the folders in a directory.
- static void [shareFile](#) ([UserFile](#) userFile, Map< String, Boolean > newValue, String Owner)
Add user to be shared with another user.
- static void [unShareFile](#) ([UserFile](#) userFile, String Owner)
Unshare a shared file.
- static void [filesUpdate](#) (Operation operation, String newValue, [UserFile](#) userFile, String Owner)
Update a files details.
- static Boolean [filesInsert](#) (String fileName, String Owner, String filePath, List< String > chunks)
Insert new File entry.
- static boolean [data_insert](#) (String Name, String password_hashed, String Email)
- static String [data_login](#) (String Name, String Password)
- static boolean [data_exist](#) (String Name, String Email)
- static byte[] [getSalt](#) () throws NoSuchAlgorithmException
- static String [getSecurePassword](#) (String password, byte[] salt)
- static byte[] [getSHA](#) (String input) throws NoSuchAlgorithmException
- static String [toHexString](#) (byte[] hash)
- static String [data_del](#) (String Name, String Password, int del_status)
- static String [user_logout](#) (String Name)

Static Protected Attributes

- static String **url_connection** = null
- static String **table_name** = null

3.4.1 Detailed Description

Creating a class dbconnection to control Database Connection and Query.

All Queries related to User and File are mentioned in this file

Maintaing Flags and String to Control Flow

Author

Harsh @auhor Joshua Miner

3.4.2 Member Function Documentation

3.4.2.1 checkFileExists()

```
static Boolean com.mycompany.soft400051_hj_local.dbconnection.checkFileExists (
    String fileName,
    String filePath,
    String Owner ) [inline], [static]
```

Check if a file already exists for the user at that path.

Parameters

<i>fileName</i>	
<i>filePath</i>	
<i>Owner</i>	

Returns

Boolean

3.4.2.2 deleteFile()

```
static void com.mycompany.soft400051_hj_local.dbconnection.deleteFile (
    String Owner,
    UserFile userFile ) [inline], [static]
```

Temporarily delete a file from the cloud.

Parameters

<i>Owner</i>	String
<i>userFile</i>	UserFile

3.4.2.3 filesInsert()

```
static Boolean com.mycompany.soft400051_hj_local.dbconnection.filesInsert (  
    String fileName,  
    String Owner,  
    String filePath,  
    List< String > chunks ) [inline], [static]
```

Insert new File entry.

Parameters

<i>fileName</i>	
<i>Owner</i>	
<i>filePath</i>	
<i>chunks</i>	

Returns

Boolean

3.4.2.4 filesUpdate()

```
static void com.mycompany.soft400051_hj_local.dbconnection.filesUpdate (  
    Operation operation,  
    String newValue,  
    UserFile userFile,  
    String Owner ) [inline], [static]
```

Update a files details.

Parameters

<i>operation</i>	
<i>newValue</i>	
<i>userFile</i>	
<i>Owner</i>	

3.4.2.5 finalDeleteFile()

```
static void com.mycompany.soft400051_hj_local.dbconnection.finalDeleteFile ( ) [inline],  
[static]
```

Delete files older than 30 days from the database.

3.4.2.6 getEmail()

```
static String com.mycompany.soft400051_hj_local.dbconnection.getEmail (   
    Integer userId ) [inline], [static]
```

Get user email from their ID.

Parameters

<i>userId</i>	
---------------	--

Returns

User email as String

3.4.2.7 getOwnerId()

```
static Integer com.mycompany.soft400051_hj_local.dbconnection.getOwnerId (   
    String owner ) [inline], [static]
```

Get the Users id from their email.

Parameters

<i>owner</i>	
--------------	--

Returns

UserId

3.4.2.8 initDeletedTable()

```
static void com.mycompany.soft400051_hj_local.dbconnection.initDeletedTable ( ) [inline],  
[static]
```

Initialize Deleted Tale.

3.4.2.9 initFilesTable()

```
static void com.mycompany.soft400051_hj_local.dbconnection.initFilesTable ( ) [inline], [static]
```

Initialize Files and Folder Table.

3.4.2.10 insertDeletedTable()

```
static Boolean com.mycompany.soft400051_hj_local.dbconnection.insertDeletedTable (
    String Owner,
    UserFile userFile ) [inline], [static]
```

Insert File into Deleted Table.

Parameters

<i>Owner</i>	
<i>userFile</i>	

Returns

Boolean

3.4.2.11 listDirectory()

```
static List<UserFile> com.mycompany.soft400051_hj_local.dbconnection.listDirectory (
    String owner,
    String filePath ) [inline], [static]
```

List all the files in a directory.

Parameters

<i>owner</i>	
<i>filePath</i>	

Returns

List of UserFile

3.4.2.12 listFolders()

```
static List<UserFolder> com.mycompany.soft400051_hj_local.dbconnection.listFolders (
    String Owner,
    String folderPath ) [inline], [static]
```

List all the folders in a directory.

Parameters

<i>Owner</i>	
<i>folderPath</i>	

Returns

List of UserFile

3.4.2.13 listUsers()

```
static List<String> com.mycompany.soft400051_hj_local.dbconnection.listUsers (
    String Owner ) [inline], [static]
```

Retrieve a list of Users except the current logged in user.

Returns

List of Strings

Parameters

<i>Owner</i>	String
--------------	--------

3.4.2.14 permaDeleteFile()

```
static List<UserFile> com.mycompany.soft400051_hj_local.dbconnection.permaDeleteFile (
    [inline], [static]
```

Get the list of Files to be permanently deleted from the system.

Returns

List of UserFile

3.4.2.15 restoreFile()

```
static Boolean com.mycompany.soft400051_hj_local.dbconnection.restoreFile (
    String Owner,
    UserFile userFile ) [inline], [static]
```

Restore Temporarily deleted files to the cloud.

Parameters

<i>Owner</i>	
<i>userFile</i>	

Returns

Boolean

3.4.2.16 shareFile()

```
static void com.mycompany.soft400051_hj_local.dbconnection.shareFile (  
    UserFile userFile,  
    Map< String, Boolean > newValue,  
    String Owner ) [inline], [static]
```

Add user to be shared with another user.

Parameters

<i>userFile</i>	
<i>newValue</i>	
<i>Owner</i>	

3.4.2.17 unShareFile()

```
static void com.mycompany.soft400051_hj_local.dbconnection.unShareFile (  
    UserFile userFile,  
    String Owner ) [inline], [static]
```

Unshare a shared file.

Parameters

<i>userFile</i>	
<i>Owner</i>	

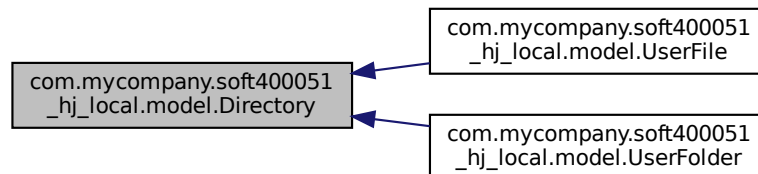
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/dbconnection.java

3.5 com.mycompany.soft400051_hj_local.model.Directory Class Reference

Abstract class to be extended to [UserFile](#) and [UserFolder](#).

Inheritance diagram for com.mycompany.soft400051_hj_local.model.Directory:



Public Member Functions

- void **setName** (String name)
- void **setPath** (String path)
- String **getName** ()
- String **getPath** ()

3.5.1 Detailed Description

Abstract class to be extended to [UserFile](#) and [UserFolder](#).

Author

Joshua Miner

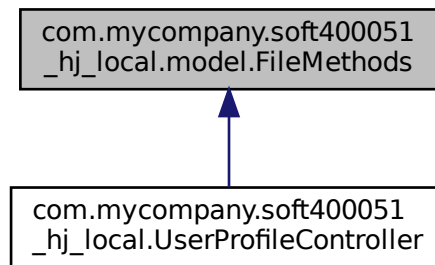
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/model/Directory.java

3.6 com.mycompany.soft400051_hj_local.model.FileMethods Class Reference

Abstract class with the methods for a users file operations.

Inheritance diagram for com.mycompany.soft400051_hj_local.model.FileMethods:



Classes

- enum **Operation**

Public Member Functions

- void **setCurDir** (String currentDir)
*set the current **Directory***
- String **getCurDir** ()
*get the current **Directory** as a String*
- String **getOwner** ()
returns the owner email
- void **CreateFile** (String fileName, String fileContent)
Function to create a new file.
- void **ChunkFile** (File ogFile)
Function to split file into 4 chunks.
- void **SendFile** (String fileName, List< File > chunks)
Sends the chunks to the various storage containers.
- void **UploadFile** ()
Uploads file with File Chooser.
- void **CopyFile** (**UserFile** srcFile)
copies a file already in storage
- File **grabFile** (**UserFile** userFile)
Gets a file from the cloud and writes it to a File.
- byte[] **assembleFile** (List< File > chunks)
Assemble file chunks from various containers.
- void **RenameFile** (String newName, **UserFile** userFile)
Function to rename a file in the cloud.
- void **MoveFile** (String dstPath, **UserFile** userFile)
Function to move file.
- void **DeleteFile** (**UserFile** userFile)
Function to Delete a File.
- void **RestoreFile** (**UserFile** userFile)

Function to Restore a deleted File.

- void [ShareFile](#) ([UserFile](#) userFile, Map< String, Boolean > userToShare)

Function to Share File.

- void [UnshareFile](#) ([UserFile](#) userFile)

Function to Unshare File.

- void [DownloadFile](#) ([UserFile](#) userFile) throws IOException

Function to Download file.

Protected Member Functions

- [FileMethods](#) (String email)

[FileMethods](#) Constructor.

Protected Attributes

- String **currentDir** = "Home"

3.6.1 Detailed Description

Abstract class with the methods for a users file operations.

Author

Joshua Miner

3.6.2 Constructor & Destructor Documentation

3.6.2.1 FileMethods()

```
com.mycompany.soft400051_hj_local.model.FileMethods.FileMethods (
    String email ) [inline], [protected]
```

[FileMethods](#) Constructor.

Parameters

<i>email</i>	final String of the logged in user email
--------------	--

3.6.3 Member Function Documentation

3.6.3.1 assembleFile()

```
byte [] com.mycompany.soft400051_hj_local.model.FileMethods.assembleFile (
    List< File > chunks ) [inline]
```

Assemble file chunks from various containers.

Parameters

<i>chunks</i>	
---------------	--

Returns

ByteArray of file contents

3.6.3.2 ChunkFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.ChunkFile (
    File ogFile ) [inline]
```

Function to split file into 4 chunks.

Parameters

<i>ogFile</i>	File
---------------	------

3.6.3.3 CopyFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.CopyFile (
    UserFile srcFile ) [inline]
```

copies a file already in storage

Parameters

<i>srcFile</i>	UserFile
----------------	--------------------------

3.6.3.4 CreateFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.CreateFile (
    String fileName,
    String fileContent ) [inline]
```

Function to create a new file.

Parameters

<i>fileName</i>	String
<i>fileContent</i>	String

3.6.3.5 DeleteFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.DeleteFile (
    UserFile userFile ) [inline]
```

Function to Delete a File.

Parameters

<i>userFile</i>	UserFile
-----------------	----------

3.6.3.6 DownloadFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.DownloadFile (
    UserFile userFile ) throws IOException [inline]
```

Function to Download file.

Exceptions

<i>java.io.IOException</i>	
----------------------------	--

Parameters

<i>userFile</i>	UserFile
-----------------	----------

3.6.3.7 getCurDir()

```
String com.mycompany.soft400051_hj_local.model.FileMethods.getCurDir ( ) [inline]
```

get the current [Directory](#) as a String

Returns

String

3.6.3.8 getOwner()

```
String com.mycompany.soft400051_hj_local.model.FileMethods.getOwner ( ) [inline]
```

returns the owner email

Returns

String

3.6.3.9 grabFile()

```
File com.mycompany.soft400051_hj_local.model.FileMethods.grabFile (
    UserFile userFile ) [inline]
```

Gets a file from the cloud and writes it to a File.

Parameters

<i>userFile</i>	
-----------------	--

Returns

File

3.6.3.10 MoveFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.MoveFile (
    String dstPath,
    UserFile userFile ) [inline]
```

Function to move file.

Parameters

<i>dstPath</i>	String
<i>userFile</i>	UserFile

3.6.3.11 RenameFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.RenameFile (
```

```
String newName,  
UserFile userFile ) [inline]
```

Function to rename a file in the cloud.

Parameters

<i>newName</i>	
<i>userFile</i>	

3.6.3.12 RestoreFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.RestoreFile (  
    UserFile userFile ) [inline]
```

Function to Restore a deleted File.

Parameters

<i>userFile</i>	UserFile
-----------------	----------

3.6.3.13 SendFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.SendFile (  
    String fileName,  
    List< File > chunks ) [inline]
```

Sends the chunks to the various storage containers.

Parameters

<i>fileName</i>	String
<i>chunks</i>	List of File

3.6.3.14 setCurDir()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.setCurDir (  
    String currentDir ) [inline]
```

set the current [Directory](#)

Parameters

<i>currentDir</i>	String
-------------------	--------

Reimplemented in [com.mycompany.soft400051_hj_local.UserProfileController](#).

3.6.3.15 ShareFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.ShareFile (
    UserFile userFile,
    Map< String, Boolean > userToShare ) [inline]
```

Function to Share File.

Parameters

<i>userToShare</i>	Map
<i>userFile</i>	UserFile

3.6.3.16 UnshareFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.UnshareFile (
    UserFile userFile ) [inline]
```

Function to Unshare File.

Parameters

<i>userFile</i>	UserFile
-----------------	--------------------------

3.6.3.17 UploadFile()

```
void com.mycompany.soft400051_hj_local.model.FileMethods.UploadFile ( ) [inline]
```

Uploads file with File Chooser.

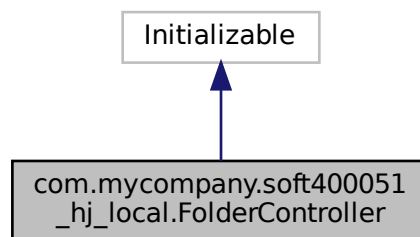
The documentation for this class was generated from the following file:

- [src/main/java/com/mycompany/soft400051_hj_local/model/FileMethods.java](#)

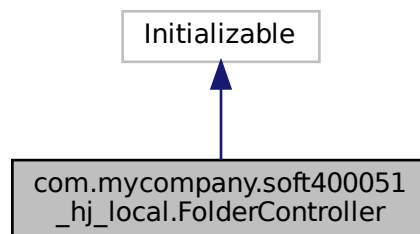
3.7 com.mycompany.soft400051_hj_local.FolderController Class Reference

This Class controls the Folderfxml.

Inheritance diagram for com.mycompany.soft400051_hj_local.FolderController:



Collaboration diagram for com.mycompany.soft400051_hj_local.FolderController:



Public Member Functions

- void [Clicked](#) ()
On Click of VBox change the User Current Directory Takes the folder name and set Current Directory of it
- void [initialize](#) (URL location, ResourceBundle resources)
On Click of VBox change the User Current Directory Takes the folder name and set Current Directory of it

3.7.1 Detailed Description

This Class controls the Folderxml.

Author

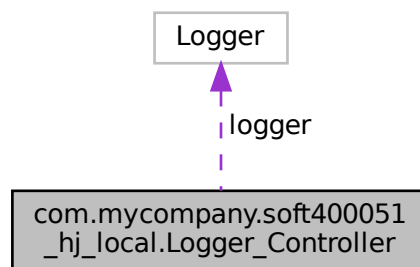
Joshua Miner

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

- src/main/java/com/mycompany/soft400051_hj_local/FolderController.java

3.8 com.mycompany.soft400051_hj_local.Logger_Controller Class Reference

Collaboration diagram for com.mycompany.soft400051_hj_local.Logger_Controller:



Static Public Member Functions

- static Logger **log_createfile** ()
- static void **log_info** (String Message)

Static Protected Attributes

- static Logger **logger** = null

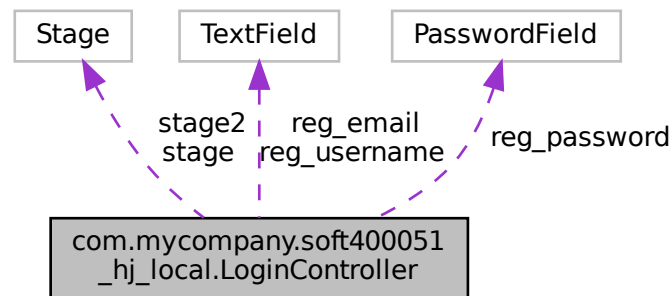
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/Logger_Controller.java

3.9 com.mycompany.soft400051_hj_local.LoginController Class Reference

Creating a class [LoginController](#) to control Function of button.

Collaboration diagram for com.mycompany.soft400051_hj_local.LoginController:



Public Member Functions

- Stage **getStage** ()
- void **login_details_check** (String Name, String Password, Node node) throws Exception
- void **register_details** (String Name, String Password, String Email) throws Exception
- void **delete_details** (String Name, String Password) throws Exception
- void **user_logout** (String Name) throws IOException

Protected Attributes

- TextField **reg_username**
- PasswordField **reg_password**

Static Protected Attributes

- static Stage **stage**
- static Stage **stage2**

3.9.1 Detailed Description

Creating a class [LoginController](#) to control Function of button.

All function are performed in class [LoginController](#) based on flow from [ButtonController](#)

Loading Fields for Register and Flags

Author

Harsh
Joshua Miner

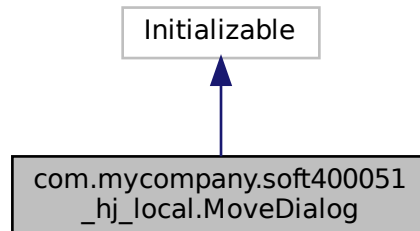
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/LoginController.java

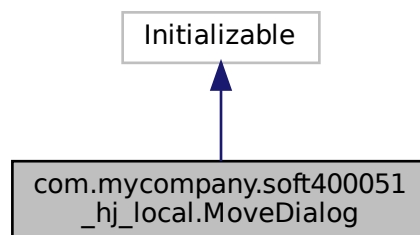
3.10 com.mycompany.soft400051_hj_local.MoveDialog Class Reference

This Class controls the fxml Page for Moving a File.

Inheritance diagram for com.mycompany.soft400051_hj_local.MoveDialog:



Collaboration diagram for com.mycompany.soft400051_hj_local.MoveDialog:



Public Member Functions

- void [initialize](#) (URL url, ResourceBundle rb)
On Initialize set the events for the Cancel and Save Buttons. The Confirm button checks to ensure destination is not blank before closing the stage. The Cancel button only closes the stage.
- void [SetCBFolder](#) (List< [UserFolder](#) > folders)
This sets the ChoiceBox of Folders.

3.10.1 Detailed Description

This Class controls the fxml Page for Moving a File.

Author

Joshua Miner

3.10.2 Member Function Documentation

3.10.2.1 SetCBFolder()

```
void com.mycompany.soft400051_hj_local.MoveDialog.SetCBFolder (
    List< UserFolder > folders ) [inline]
```

This sets the ChoiceBox of Folders.

Parameters

<i>folders</i>	List of UserFolder
----------------	--------------------

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

- src/main/java/com/mycompany/soft400051_hj_local/MoveDialog.java

3.11 com.mycompany.soft400051_hj_local.PrimaryController Class Reference

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

- src/main/java/com/mycompany/soft400051_hj_local/PrimaryController.java

3.12 com.mycompany.soft400051_hj_local.RegisterController Class Reference

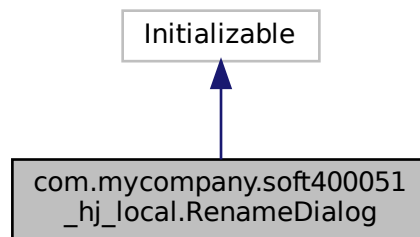
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/RegisterController.java

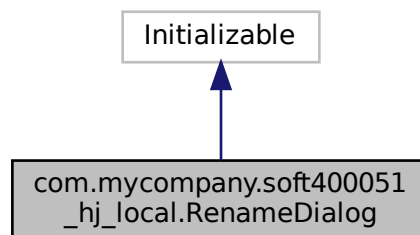
3.13 com.mycompany.soft400051_hj_local.RenameDialog Class Reference

This Class controls the fxml Page for Renaming a File.

Inheritance diagram for com.mycompany.soft400051_hj_local.RenameDialog:



Collaboration diagram for com.mycompany.soft400051_hj_local.RenameDialog:



Public Member Functions

- void `initialize` (URL location, ResourceBundle resources)

On Initialize set the events for the Cancel and Save Buttons. The Save button checks to ensure rename is not blank before closing the stage. The Cancel button only closes the stage.

3.13.1 Detailed Description

This Class controls the fxml Page for Renaming a File.

Author

Joshua Miner

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

- `src/main/java/com/mycompany/soft400051_hj_local/RenameDialog.java`

3.14 com.mycompany.soft400051_hj_local.SecondaryController Class Reference

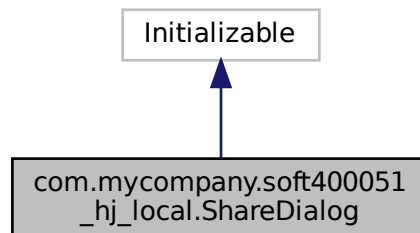
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/SecondaryController.java

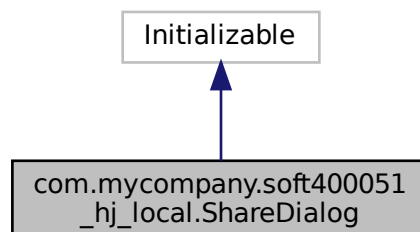
3.15 com.mycompany.soft400051_hj_local.ShareDialog Class Reference

Controller for the [ShareDialog](#) fxml.

Inheritance diagram for com.mycompany.soft400051_hj_local.ShareDialog:



Collaboration diagram for com.mycompany.soft400051_hj_local.ShareDialog:



Public Member Functions

- void [initialize](#) (URL url, ResourceBundle rb)
- void [SetCBShareWith](#) (List< String > users)
Sets the ChoiceBox.

3.15.1 Detailed Description

Controller for the [ShareDialog](#) fxml.

3.15.2 Member Function Documentation

3.15.2.1 initialize()

```
void com.mycompany.soft400051_hj_local.ShareDialog.initialize (
    URL url,
    ResourceBundle rb ) [inline]
```

Initializes the controller class.

Parameters

<i>url</i>	
<i>rb</i>	

3.15.2.2 SetCBShareWith()

```
void com.mycompany.soft400051_hj_local.ShareDialog.SetCBShareWith (
    List< String > users ) [inline]
```

Sets the ChoiceBox.

Parameters

<i>users</i>	List of string of users from db
--------------	---------------------------------

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

- `src/main/java/com/mycompany/soft400051_hj_local/ShareDialog.java`

3.16 com.mycompany.soft400051_hj_local.TestController Class Reference

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

- `src/main/java/com/mycompany/soft400051_hj_local/TestController.java`

3.17 com.mycompany.soft400051_hj_local.UserdataController Class Reference

Creating a class [UserdataController](#) to control clicks on button once Logged In.

Public Member Functions

- void **initialize** (String name)
- void **setLabelText** (String text)
- void **logout** ()

3.17.1 Detailed Description

Creating a class [UserdataController](#) to control clicks on button once Logged In.

All function related to File are mentioned in this file

Loading Fields for Logout and Label to hold UserDetails

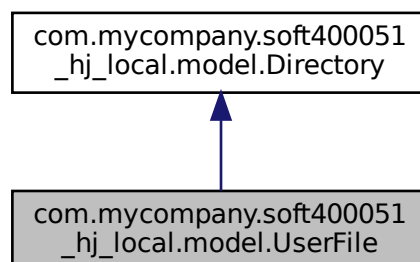
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/UserdataController.java

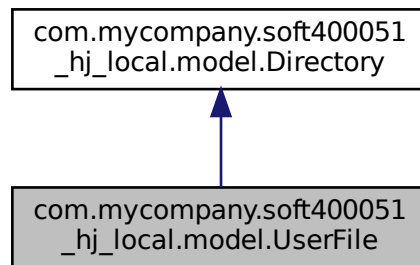
3.18 com.mycompany.soft400051_hj_local.model.UserFile Class Reference

Class to save file details.

Inheritance diagram for com.mycompany.soft400051_hj_local.model.UserFile:



Collaboration diagram for com.mycompany.soft400051_hj_local.model.UserFile:



Public Member Functions

- **UserFile** (String name, String path, Boolean isFolder, String chunk1, String chunk2, String chunk3, String chunk4)
- **UserFile** (String name, String path)
- void **setId** (Integer id)
Set File id.
- void **setOwnerId** (Integer ownerId)
Set Owner id.
- void **setIsOwned** (Boolean isOwned)
Set Boolean isOwned.
- void **setIsWritable** (Boolean isWritable)
Set isWritable.
- void **setChunk1** (String chunk1)
Set Chunk 1.
- void **setChunk2** (String chunk2)
Set Chunk 2.
- void **setChunk3** (String chunk3)
Set Chunk 3.
- void **setChunk4** (String chunk4)
Set Chunk 4.
- Integer **getId** ()
Get File id.
- Integer **getOwnerId** ()
Get Owner id.
- Boolean **getIsOwned** ()
Get isOwned.
- Boolean **getIsWritable** ()
Get isWritable.
- String **getChunk1** ()
Get Chunk 1.
- String **getChunk2** ()
Get Chunk 2.
- String **getChunk3** ()

- Get Chunk 3.*
 - String [getChunk4](#) ()
 - Get Chunk 4.*
 - String [toString](#) ()
 - Override default to String method.*

3.18.1 Detailed Description

Class to save file details.

Author

Joshua Miner

3.18.2 Member Function Documentation

3.18.2.1 [getChunk1\(\)](#)

```
String com.mycompany.soft400051_hj_local.model.UserFile.getChunk1 ( ) [inline]
```

Get Chunk 1.

Returns

String

3.18.2.2 [getChunk2\(\)](#)

```
String com.mycompany.soft400051_hj_local.model.UserFile.getChunk2 ( ) [inline]
```

Get Chunk 2.

Returns

3.18.2.3 getChunk3()

```
String com.mycompany.soft400051_hj_local.model.UserFile.getChunk3 ( ) [inline]
```

Get Chunk 3.

Returns

3.18.2.4 getChunk4()

```
String com.mycompany.soft400051_hj_local.model.UserFile.getChunk4 ( ) [inline]
```

Get Chunk 4.

Returns

3.18.2.5 getId()

```
Integer com.mycompany.soft400051_hj_local.model.UserFile.getId ( ) [inline]
```

Get File id.

Returns

File id

3.18.2.6 getIsOwned()

```
Boolean com.mycompany.soft400051_hj_local.model.UserFile.getIsOwned ( ) [inline]
```

Get isOwned.

Returns

Boolean

3.18.2.7 getIsWritable()

```
Boolean com.mycompany.soft400051_hj_local.model.UserFile.getIsWritable ( ) [inline]
```

Get isWritable.

Returns

Boolean

3.18.2.8 getOwnerId()

```
Integer com.mycompany.soft400051_hj_local.model.UserFile.getOwnerId ( ) [inline]
```

Get Owner id.

Returns

Owner id

3.18.2.9 setChunk1()

```
void com.mycompany.soft400051_hj_local.model.UserFile.setChunk1 (
    String chunk1 ) [inline]
```

Set Chunk 1.

Parameters

<i>chunk1</i>	
---------------	--

3.18.2.10 setChunk2()

```
void com.mycompany.soft400051_hj_local.model.UserFile.setChunk2 (
    String chunk2 ) [inline]
```

Set Chunk 2.

Parameters

<i>chunk2</i>	
---------------	--

3.18.2.11 setChunk3()

```
void com.mycompany.soft400051_hj_local.model.UserFile.setChunk3 (
    String chunk3 ) [inline]
```

Set Chunk 3.

Parameters

<i>chunk3</i>	
---------------	--

3.18.2.12 setChunk4()

```
void com.mycompany.soft400051_hj_local.model.UserFile.setChunk4 (
    String chunk4 ) [inline]
```

Set Chunk 4.

Parameters

<i>chunk4</i>	
---------------	--

3.18.2.13 setId()

```
void com.mycompany.soft400051_hj_local.model.UserFile.setId (
    Integer id ) [inline]
```

Set File id.

Parameters

<i>id</i>	
-----------	--

3.18.2.14 setIsOwned()

```
void com.mycompany.soft400051_hj_local.model.UserFile.setIsOwned (
    Boolean isOwned ) [inline]
```

Set Boolean isOwned.

Parameters

<i>isOwned</i>	
----------------	--

3.18.2.15 setIsWritable()

```
void com.mycompany.soft400051_hj_local.model.UserFile.setIsWritable (
    Boolean isWritable ) [inline]
```

Set isWritable.

Parameters

<i>isWritable</i>	
-------------------	--

3.18.2.16 setOwnerId()

```
void com.mycompany.soft400051_hj_local.model.UserFile.setOwnerId (
    Integer ownerId ) [inline]
```

Set Owner id.

Parameters

<i>owner↔ Id</i>	
----------------------	--

3.18.2.17 toString()

```
String com.mycompany.soft400051_hj_local.model.UserFile.toString ( ) [inline]
```

Override default to String method.

Returns

Name and all chunks

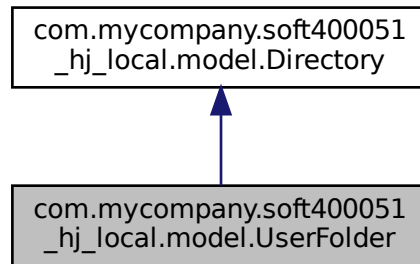
The documentation for this class was generated from the following file:

- src/main/java/com/mycompany/soft400051_hj_local/model/UserFile.java

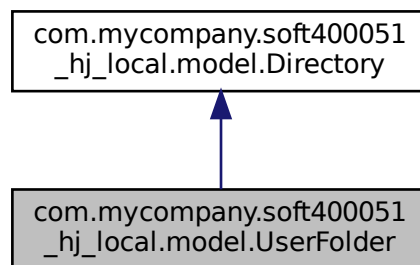
3.19 com.mycompany.soft400051_hj_local.model.UserFolder Class Reference

Class to save details of Folders.

Inheritance diagram for com.mycompany.soft400051_hj_local.model.UserFolder:



Collaboration diagram for com.mycompany.soft400051_hj_local.model.UserFolder:



Public Member Functions

- [UserFolder](#) (String name, String path)
Constructor with name and path.
- [UserFolder](#) (String name)
Constructor with just the name.
- String [toString](#) ()
Override to String to get name of [UserFolder](#).

3.19.1 Detailed Description

Class to save details of Folders.

Author

Joshua Miner

3.19.2 Constructor & Destructor Documentation

3.19.2.1 UserFolder() [1/2]

```
com.mycompany.soft400051_hj_local.model.UserFolder.UserFolder (
    String name,
    String path ) [inline]
```

Constructor with name and path.

Parameters

<i>path</i>	
<i>name</i>	String

3.19.2.2 UserFolder() [2/2]

```
com.mycompany.soft400051_hj_local.model.UserFolder.UserFolder (
    String name ) [inline]
```

Constructor with just the name.

Parameters

<i>name</i>	String
-------------	--------

3.19.3 Member Function Documentation

3.19.3.1 toString()

```
String com.mycompany.soft400051_hj_local.model.UserFolder.toString ( ) [inline]
```

Override to String to get name of [UserFolder](#).

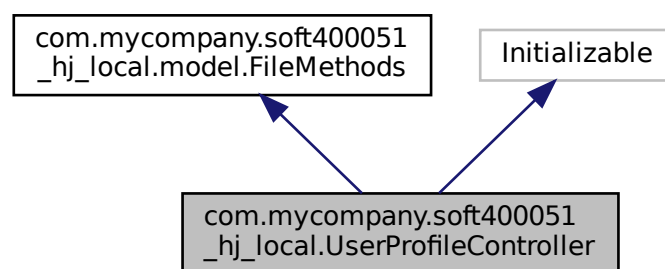
The documentation for this class was generated from the following file:

- `src/main/java/com/mycompany/soft400051_hj_local/model/UserFolder.java`

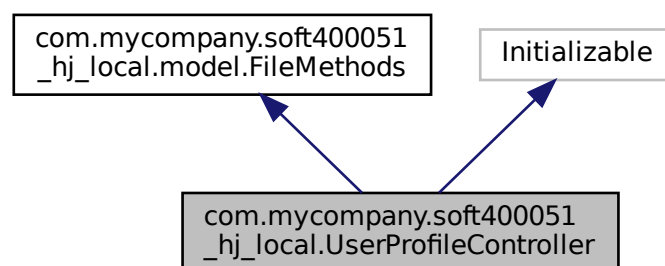
3.20 `com.mycompany.soft400051_hj_local.UserProfileController` Class Reference

This Class controls the fxml Page for the Users Profile.

Inheritance diagram for `com.mycompany.soft400051_hj_local.UserProfileController`:



Collaboration diagram for `com.mycompany.soft400051_hj_local.UserProfileController`:



Public Member Functions

- void **initialize** (URL location, ResourceBundle resources)
- void **Logout** () throws IOException
Begins the logout process.
- void **CopyBtnClicked** ()
Begins the Copy process.
- void **CreateBtnClicked** ()
Begins the Create process.
- void **UploadBtnClicked** ()
Begins the Upload process.
- void **RenameBtnClicked** ()
Begins the Rename process.
- void **MoveBtnClicked** ()
Begins the Move process.
- void **DeleteBtnClicked** ()
Begins the Delete process.
- void **RecycleBtnClicked** ()
Move to Deleted Files Page.
- void **HomeBtnClicked** ()
Move to Home Page.
- void **ShareBtnClicked** ()
Begin Share Process.
- void **UnshareBtnClicked** ()
Begin UnShare Process.
- void **DownloadBtnClicked** () throws IOException
Begin Download Process t.
- void **RestoreBtnClicked** ()
Restore Deleted File t.
- void **refreshGrid** ()
Refresh the View t.
- void **loadFolders** ()
Show Folders in the Directory t.
- void **setCurDir** (String currentDir)
Set the Current Directory.
- void **SetButtons** ()
Set the Buttons. Hidden,Shown,Disabled and the various Bindings.
- void **ReceiveRename** (String newName)
Receive new Name from [RenameDialog](#).
- void **ReceiveCreateFileContent** (String[] newFile)
Receive File name and File Content from [CreateDialog](#).
- void **RecieveMoveFolder** (UserFolder dstFolder)
Receive Folder from [MoveDialog](#).
- void **ReceiveReadOrWrite** (Map< String, Boolean > readWrite)
Receive Read and Write Permission and User to share with.

Additional Inherited Members

3.20.1 Detailed Description

This Class controls the fxml Page for the Users Profile.

Author

Joshua Miner

3.20.2 Member Function Documentation

3.20.2.1 CopyBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.CopyBtnClicked ( ) [inline]
```

Begins the Copy process.

3.20.2.2 CreateBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.CreateBtnClicked ( ) [inline]
```

Begins the Create process.

3.20.2.3 DeleteBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.DeleteBtnClicked ( ) [inline]
```

Begins the Delete process.

3.20.2.4 HomeBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.HomeBtnClicked ( ) [inline]
```

Move to Home Page.

3.20.2.5 Logout()

```
void com.mycompany.soft400051_hj_local.UserProfileController.Logout ( ) throws IOException  
[inline]
```

Begins the logout process.

Exceptions

<i>java.io.IOException</i>	
----------------------------	--

3.20.2.6 MoveBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.MoveBtnClicked ( ) [inline]
```

Begins the Move process.

3.20.2.7 ReceiveCreateFileContent()

```
void com.mycompany.soft400051_hj_local.UserProfileController.ReceiveCreateFileContent (
    String[] newFile ) [inline]
```

Receive File name and File Content from [CreateDialog](#).

Parameters

<i>newName</i>	String[] argument
----------------	-------------------

3.20.2.8 ReceiveReadOrWrite()

```
void com.mycompany.soft400051_hj_local.UserProfileController.ReceiveReadOrWrite (
    Map< String, Boolean > readWrite ) [inline]
```

Receive Read and Write Permission and User to share with.

Parameters

<i>readWrite</i>	Map<String,Boolean> argument
------------------	------------------------------

3.20.2.9 ReceiveRename()

```
void com.mycompany.soft400051_hj_local.UserProfileController.ReceiveRename (
    String newName ) [inline]
```

Receive new Name from [RenameDialog](#).

Parameters

<i>newName</i>	String argument
----------------	-----------------

3.20.2.10 RecieveMoveFolder()

```
void com.mycompany.soft400051_hj_local.UserProfileController.RecieveMoveFolder (
    UserFolder dstFolder ) [inline]
```

Receive Folder from [MoveDialog](#).

Parameters

<i>dstFolder</i>	UserFolder argument
------------------	---------------------

3.20.2.11 RecycleBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.RecycleBtnClicked ( ) [inline]
```

Move to Deleted Files Page.

3.20.2.12 RenameBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.RenameBtnClicked ( ) [inline]
```

Begins the Rename process.

3.20.2.13 SetButtons()

```
void com.mycompany.soft400051_hj_local.UserProfileController.SetButtons ( ) [inline]
```

Set the Buttons. Hidden,Shown,Disabled and the various Bindings.

3.20.2.14 setCurDir()

```
void com.mycompany.soft400051_hj_local.UserProfileController.setCurDir (
    String currentDir ) [inline]
```

Set the Current Directory.

Parameters

in	<i>currentDir</i>	A string representing the current Directory
----	-------------------	---

Reimplemented from [com.mycompany.soft400051_hj_local.model.FileMethods](#).

3.20.2.15 ShareBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.ShareBtnClicked ( ) [inline]
```

Begin Share Process.

3.20.2.16 UnshareBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.UnshareBtnClicked ( ) [inline]
```

Begin UnShare Process.

3.20.2.17 UploadBtnClicked()

```
void com.mycompany.soft400051_hj_local.UserProfileController.UploadBtnClicked ( ) [inline]
```

Begins the Upload process.

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

- src/main/java/com/mycompany/soft400051_hj_local/UserProfileController.java

Index

assembleFile
 com.mycompany.soft400051_hj_local.model.FileMethods, 18

checkFileExists
 com.mycompany.soft400051_hj_local.dbconnection, 10

ChunkFile
 com.mycompany.soft400051_hj_local.model.FileMethods, 19

com.mycompany.soft400051_hj_local.App, 5

com.mycompany.soft400051_hj_local.ButtonController, 6

com.mycompany.soft400051_hj_local.CreateDialog, 8

com.mycompany.soft400051_hj_local.dbconnection, 9

 checkFileExists, 10

 deleteFile, 10

 filesInsert, 11

 filesUpdate, 11

 finalDeleteFile, 11

 getEmail, 12

 getOwnerId, 12

 initDeletedTable, 12

 initFilesTable, 12

 insertDeletedTable, 13

 listDirectory, 13

 listFolders, 13

 listUsers, 14

 permaDeleteFile, 14

 restoreFile, 14

 shareFile, 15

 unShareFile, 15

com.mycompany.soft400051_hj_local.FolderController, 25

com.mycompany.soft400051_hj_local.Logger_Controller, 26

com.mycompany.soft400051_hj_local.LoginController, 27

com.mycompany.soft400051_hj_local.model.Directory, 16

com.mycompany.soft400051_hj_local.model.FileMethods, 16

 assembleFile, 18

 ChunkFile, 19

 CopyFile, 19

 CreateFile, 19

 DeleteFile, 21

 DownloadFile, 21

 FileMethods, 18

 getCurDir, 21

 getOwner, 21

 grabFile, 22

 MoveFile, 22

 RenameFile, 22

 RestoreFile, 23

 SendFile, 23

 setCurDir, 23

 ShareFile, 24

 UnshareFile, 24

 UploadFile, 24

com.mycompany.soft400051_hj_local.model.UserFile, 33

 getChunk1, 35

 getChunk2, 35

 getChunk3, 35

 getChunk4, 36

 getId, 36

 getIsOwned, 36

 getIsWritable, 36

 getOwnerId, 37

 setChunk1, 37

 setChunk2, 37

 setChunk3, 38

 setChunk4, 38

 setId, 38

 setIsOwned, 38

 setIsWritable, 39

 setOwnerId, 39

 toString, 39

com.mycompany.soft400051_hj_local.model.UserFolder, 40

 toString, 41

 UserFolder, 41

com.mycompany.soft400051_hj_local.MoveDialog, 28

 SetCBFolder, 29

com.mycompany.soft400051_hj_local.PrimaryController, 29

com.mycompany.soft400051_hj_local.RegisterController, 29

com.mycompany.soft400051_hj_local.RenameDialog, 29

com.mycompany.soft400051_hj_local.SecondaryController, 31

com.mycompany.soft400051_hj_local.ShareDialog, 31

 initialize, 32

 SetCBShareWith, 32

com.mycompany.soft400051_hj_local.TestController, 32

com.mycompany.soft400051_hj_local.UserdataController, 33

com.mycompany.soft400051_hj_local.UserProfileController, 42
 CopyBtnClicked, 44
 CreateBtnClicked, 44
 DeleteBtnClicked, 44
 HomeBtnClicked, 44
 Logout, 44
 MoveBtnClicked, 45
 ReceiveCreateFileContent, 45
 ReceiveReadOrWrite, 45
 ReceiveRename, 45
 RecieveMoveFolder, 46
 RecycleBtnClicked, 46
 RenameBtnClicked, 46
 SetButtons, 46
 setCurDir, 46
 ShareBtnClicked, 47
 UnshareBtnClicked, 47
 UploadBtnClicked, 47
 CopyBtnClicked
 com.mycompany.soft400051_hj_local.UserProfileController, 44
 CopyFile
 com.mycompany.soft400051_hj_local.model.FileMethods, 19
 CreateBtnClicked
 com.mycompany.soft400051_hj_local.UserProfileController, 44
 CreateFile
 com.mycompany.soft400051_hj_local.model.FileMethods, 19
 DeleteBtnClicked
 com.mycompany.soft400051_hj_local.UserProfileController, 44
 DeleteFile
 com.mycompany.soft400051_hj_local.model.FileMethods, 21
 deleteFile
 com.mycompany.soft400051_hj_local.dbconnection, 10
 DownloadFile
 com.mycompany.soft400051_hj_local.model.FileMethods, 21
 FileMethods
 com.mycompany.soft400051_hj_local.model.FileMethods, 18
 filesInsert
 com.mycompany.soft400051_hj_local.dbconnection, 11
 filesUpdate
 com.mycompany.soft400051_hj_local.dbconnection, 11
 finalDeleteFile
 com.mycompany.soft400051_hj_local.dbconnection, 11
 getChunk1
 com.mycompany.soft400051_hj_local.model.UserFile, 35
 getChunk2
 com.mycompany.soft400051_hj_local.model.UserFile, 35
 getChunk3
 com.mycompany.soft400051_hj_local.model.UserFile, 35
 getChunk4
 com.mycompany.soft400051_hj_local.model.UserFile, 36
 getCurDir
 com.mycompany.soft400051_hj_local.model.FileMethods, 21
 getEmail
 com.mycompany.soft400051_hj_local.dbconnection, 12
 getId
 com.mycompany.soft400051_hj_local.model.UserFile, 36
 isOwned
 com.mycompany.soft400051_hj_local.model.UserFile, 36
 isWritable
 com.mycompany.soft400051_hj_local.model.UserFile, 36
 getOwner
 com.mycompany.soft400051_hj_local.model.FileMethods, 21
 getOwnerId
 com.mycompany.soft400051_hj_local.dbconnection, 12
 grabFile
 com.mycompany.soft400051_hj_local.model.UserFile, 37
 com.mycompany.soft400051_hj_local.model.FileMethods, 22
 HomeBtnClicked
 com.mycompany.soft400051_hj_local.UserProfileController, 44
 initDeletedTable
 com.mycompany.soft400051_hj_local.dbconnection, 12
 initFilesTable
 com.mycompany.soft400051_hj_local.dbconnection, 12
 initialize
 com.mycompany.soft400051_hj_local.ShareDialog, 32
 insertDeletedTable
 com.mycompany.soft400051_hj_local.dbconnection, 13
 listDirectory
 com.mycompany.soft400051_hj_local.dbconnection, 13
 listFolders

com.mycompany.soft400051_hj_local.dbconnection,	com.mycompany.soft400051_hj_local.ShareDialog,
13	32
listUsers	setChunk1
com.mycompany.soft400051_hj_local.dbconnection,	com.mycompany.soft400051_hj_local.model.UserFile,
14	37
Logout	setChunk2
com.mycompany.soft400051_hj_local.UserProfileController,	com.mycompany.soft400051_hj_local.model.UserFile,
44	37
	setChunk3
MoveBtnClicked	com.mycompany.soft400051_hj_local.model.UserFile,
com.mycompany.soft400051_hj_local.UserProfileController,	38
45	setChunk4
MoveFile	com.mycompany.soft400051_hj_local.model.UserFile,
com.mycompany.soft400051_hj_local.model.FileMethods,	38
22	setCurDir
	com.mycompany.soft400051_hj_local.model.FileMethods,
permaDeleteFile	23
com.mycompany.soft400051_hj_local.dbconnection,	com.mycompany.soft400051_hj_local.UserProfileController,
14	46
	setId
ReceiveCreateFileContent	com.mycompany.soft400051_hj_local.model.UserFile,
com.mycompany.soft400051_hj_local.UserProfileController,	38
45	setIsOwned
ReceiveReadOrWrite	com.mycompany.soft400051_hj_local.model.UserFile,
com.mycompany.soft400051_hj_local.UserProfileController,	38
45	setIsWritable
ReceiveRename	com.mycompany.soft400051_hj_local.model.UserFile,
com.mycompany.soft400051_hj_local.UserProfileController,	39
45	setOwnerId
RecieveMoveFolder	com.mycompany.soft400051_hj_local.model.UserFile,
com.mycompany.soft400051_hj_local.UserProfileController,	39
46	ShareBtnClicked
RecycleBtnClicked	com.mycompany.soft400051_hj_local.UserProfileController,
com.mycompany.soft400051_hj_local.UserProfileController,	47
46	ShareFile
RenameBtnClicked	com.mycompany.soft400051_hj_local.model.FileMethods,
com.mycompany.soft400051_hj_local.UserProfileController,	24
46	shareFile
RenameFile	com.mycompany.soft400051_hj_local.dbconnection,
com.mycompany.soft400051_hj_local.model.FileMethods,	15
22	
RestoreFile	toString
com.mycompany.soft400051_hj_local.model.FileMethods,	com.mycompany.soft400051_hj_local.model.UserFile,
23	39
restoreFile	com.mycompany.soft400051_hj_local.model.UserFolder,
com.mycompany.soft400051_hj_local.dbconnection,	41
14	
	UnshareBtnClicked
SendFile	com.mycompany.soft400051_hj_local.UserProfileController,
com.mycompany.soft400051_hj_local.model.FileMethods,	47
23	unshareFile
SetButtons	com.mycompany.soft400051_hj_local.model.FileMethods,
com.mycompany.soft400051_hj_local.UserProfileController,	24
46	unshareFile
SetCBFolder	com.mycompany.soft400051_hj_local.dbconnection,
com.mycompany.soft400051_hj_local.MoveDialog,	15
29	UploadBtnClicked
SetCBSShareWith	com.mycompany.soft400051_hj_local.UserProfileController,
	47

UploadFile
 com.mycompany.soft400051_hj_local.model.FileMethods,
 [24](#)

UserFolder
 com.mycompany.soft400051_hj_local.model.UserFolder,
 [41](#)