Extension.BackEnd

Class FileUtil

```
java.lang.Object
  └ Extension.BackEnd.FileUtil
```

```
public abstract class FileUtil
extends java.lang.Object
```

Utility methods for dealing with files and BlueJ projects.

Version:
>   April2015
Author:
>   Miguel Roman-Roman, Wei Huang, Di Tran, Josh Gillham, Nathan Witt, Thomas Macari

Constructor Summary

FileUtil()	

Method Summary

static void	**closeProj**(bluej.extensions.BlueJ bluej, java.lang.String name) Closes the any open bluej projects that have the given name.
static void	**copy**(java.io.File source, java.io.File dest) Copies the contents of the source file into the destination file.
static boolean	**deleteDir**(java.io.File path) Deletes the directory and all the contents within the directory.
static void	**extractResource**(java.lang.String resLoc, java.lang.String resName, java.io.File destDir) Saves the given resource within this jar to the a file in the directory specified.
static boolean	**save**(java.io.File path, java.lang.String contents) Saves the given contents into the given file specified by path.

Methods inherited from class java.lang.Object

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

Constructor Detail

FileUtil

```
public FileUtil()
```

Method Detail

closeProj

```
public static void closeProj(bluej.extensions.BlueJ bluej,
                             java.lang.String name)
```

Closes the any open bluej projects that have the given name.

Parameters:

bluej - the running bluej program.

name - the name of the project to close.

---

copy

```
public static void copy(java.io.File source,
                        java.io.File dest)
```

Copies the contents of the source file into the destination file.

Parameters:

source - the source file

dest - the destination file

---

deleteDir

```
public static boolean deleteDir(java.io.File path)
```

Deletes the directory and all the contents within the directory.

Parameters:

path - the directory to delete.

Returns:

if the directory was deleted successfully.

---

extractResource

```
public static void extractResource(java.lang.String resLoc,
                                   java.lang.String resName,
                                   java.io.File destDir)
```

Saves the given resource within this jar to the a file in the directory specified.

Parameters:

resLoc - the directory within the jar to look for the file, relative to this FileUtil class.

resName - the name of the file to extract. This parameter will also act as the name of the extracted file.

destDir - the directory to save the file to.

---

save

```
public static boolean save(java.io.File path,
                           java.lang.String contents)
```

Saves the given contents into the given file specified by path.

Parameters:

path - the file to save

contents - the contents to save into the file

Returns:

if the save was successful.