

Copy Files

Summary

It is a function to copy a file to a different directory. Also, several files can be copied simultaneously, and files can be copied by extension, update period, size and owner. This service component can be applied to the Server/Client applications, when copying files.

This function is included in the Egovframework common component element technology.

Description

- ① Function to copy a file to a different directory
- ② Function to copy several files simultaneously
- ③ Function to copy files by extension
- ④ Function to copy files by update period
- ⑤ Function to copy files by size
- ⑥ Function to copy files by owner

Related Sources

Type	Corresponding Sources	Description	Remarks
Service	egovframework.com.utl.service.EgovFileTool.java	An element technology class on the file management	
JSP	WEB_INF/jsp/egovframework/cmm/utl/EgovFileCopy.jsp	A test page	

Method

Output	Method	Description	Details
boolean	copyFile(String source, String target)	Copying a file	Copying a file to a different file
boolean	copyFiles(String [] source, String target)	Copying several files	Copying several files to a different directory
boolean	copyFilesByExtnt(String source, String extnt, String target)	Copying files by extension	Copying files per extension to a different directory
boolean	copyFilesByUpdtPd(String source, String updtFrom, String updtTo, String target)	Copying files by update period	Copying files per update period to a different directory
boolean	copyFilesBySize(String source, long sizeFrom, long sizeTo, String target)	Copying files by size	Copying files per size to a different directory
boolean	copyFilesByOwner(String source, String owner, String target)	Copying files by owner	Copying files per owner to a different directory

Input

- Original: File name that includes a string- type absolute path (ex. /user/com/test/file1.txt)
- Target: File name that includes a string- type absolute path (ex. /user/com/test/copyFile1.txt)
- Extension: String- type extension (ex. txt)
- Update period From: String- type date (ex. 20090501)
- Update period To: String- type date (ex. 20090531)
- Size From: Integer- type size (ex. 100)
- Size To: Integer- type size (ex. 2000)
- Owner: String- type file owner (ex. com)
- Validation Check: [Element technology validation check](#)

Output

- Boolean- type true / false

Environmental Settings

N/A

Manual

```
import egovframework.com.utl.sim.service.EgovFileTool;

// 1. Copying a file
String source = request.getParameter("source");
String target = request.getParameter("target");
boolean retCopy = false;
if (source != null && source.length() > 0
    && target != null && target.length() > 0) {
    retCopy = EgovFileTool.copyFile(source, target);
}

// 2. Copying several files
String source1 = request.getParameter("source1");
String source2 = request.getParameter("source2");
String source3 = request.getParameter("source3");
String target = request.getParameter("target");
boolean retCopy = false;
if (source1 != null && source1.length() > 0
    && source2 != null && source2.length() > 0
    && source3 != null && source3.length() > 0
    && target != null && target.length() > 0) {
    String [] sources = { source1, source2, source3 };
    retCopy = EgovFileTool.copyFiles(sources, target);
}

// 3. Copying files by extension
String source = request.getParameter("source");
String extnt = request.getParameter("extnt");
String target = request.getParameter("target");
boolean retCopy = false;
if (source != null && source.length() > 0
    && extnt != null && extnt.length() > 0
    && target != null && target.length() > 0) {
    retCopy = EgovFileTool.copyFilesByExtnt(source, extnt, target);
}

// 4. Copying files by update period
String source = request.getParameter("source");
String updtFrom = request.getParameter("updtFrom");
String updtTo = request.getParameter("updtTo");
String target = request.getParameter("target");
boolean retCopy = false;
if (source != null && source.length() > 0
    && updtFrom != null && updtFrom.length() > 0
    && updtTo != null && updtTo.length() > 0
    && target != null && target.length() > 0) {
    retCopy = EgovFileTool.copyFilesByUpdtPd(source, updtFrom, updtTo, target);
}
```

```
}

// 5. Copying files by size
String source = request.getParameter("source");
String sizeFrom = request.getParameter("sizeFrom");
String sizeTo = request.getParameter("sizeTo");
String target = request.getParameter("target");
boolean retCopy = false;
if (source != null && source.length() > 0
    && sizeFrom != null && sizeFrom.length() > 0
    && sizeTo != null && sizeTo.length() > 0
    && target != null && target.length() > 0) {
    retCopy = EgovFileTool.copyFilesBySize(source, Long.parseLong(sizeFrom),
Long.parseLong(sizeTo), target);
}

// 6. Copying files by owner (creator)
String source = request.getParameter("source");
String creator = request.getParameter("creator");
String target = request.getParameter("target");
boolean retCopy = false;
if (source != null && source.length() > 0
    && creator != null && creator.length() > 0
    && target != null && target.length() > 0) {
    retCopy = EgovFileTool.copyFilesByOwner(source, creator, target);
}
}
```

References

N/A