

Compare Files

Summary

It is a function to compare 2 different files. It compares the size, update date, content and owner of both files. This service component can be applied to the Server/Client applications, when comparing files.

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

Description

- ① Function to check whether the sizes of two files correspond
- ② Function to check whether the update dates of two files correspond
- ③ Function to check whether the contents of two files correspond
- ④ Function to check whether the owners of two files correspond

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/EgovFileCmpr.jsp	A test page	

Method

Output	Method	Description	Details
Boolean	cmpFilesBySize(String cmprFile1, String cmprFile2)	Comparing sizes	Comparing the sizes of 2 files
Boolean	cmpFilesByUpdtPd(String cmprFile1, String cmprFile2)	Comparing update dates	Comparing the update dates of 2 files
Boolean	cmpFilesByContent(String cmprFile1, String cmprFile2)	Comparing contents	Comparing the contents of 2 files (TXT files)
Boolean	cmpFilesByOwner(String cmprFile1, String cmprFile2)	Comparing owners	Comparing the owners of 2 files

Input

- File 1: File name that includes a string- type absolute path (ex. /user/com/test/file1.txt)
- File 2: File name that includes a string- type absolute path (ex. /user/com/test/file2.txt)
- Validation Check: [Element technology validation check](#)

Output

- Boolean- type true / false

Environmental Settings

N/A

Manual

```
import egovframework.com.utl.sim.service.EgovFileTool;  
  
// 1. Comparing sizes
```

```
String file1 = request.getParameter("file1");
String file2 = request.getParameter("file2");
boolean result = false;
if (file1 != null && file1.length() > 0
    && file2 != null && file2.length() > 0) {
    result = EgovFileTool.cmprFilesBySize(file1, file2);
}

// 2. Comparing update dates
String file1 = request.getParameter("file1");
String file2 = request.getParameter("file2");
boolean result = false;
if (file1 != null && file1.length() > 0
    && file2 != null && file2.length() > 0) {
    result = EgovFileTool.cmprFilesByUpdtPd(file1, file2);
}

// 3. Comparing contents
String file1 = request.getParameter("file1");
String file2 = request.getParameter("file2");
boolean result = false;
if (file1 != null && file1.length() > 0
    && file2 != null && file2.length() > 0) {
    result = EgovFileTool.cmprFilesByContent(file1, file2);
}

// 4. Comparing owners (creators)
String file1 = request.getParameter("file1");
String file2 = request.getParameter("file2");
boolean result = false;
if (file1 != null && file1.length() > 0
    && file2 != null && file2.length() > 0) {
    result = EgovFileTool.cmprFilesByOwner(file1, file2);
}
```

References

N/A