

Copy Directory

Summary

It provides a common function to copy a directory, if necessary, while processing the business logic.

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

Description

- ① Function to copy an original directory to a target directory
- ② Function to copy an original directory to a target directory, only if the final update date of the original directory is included in a specific date range
- ③ Function to copy an original directory to a target directory, only if the original directory is specifically owned by a person (Unavailable in the WINDOWS System)

Related Sources

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

Method

Output	Method	Description	Details
boolean	copyDirectory(String dirOriginalPath, String dirTargetPath)	Copy directory	Receiving the 'dirOriginalPath', it is copied to the 'dirTargetPath'. It returns to TRUE, if successfully executed, and to FALSE, if failed.
boolean	copyDirectory(String dirOriginalPath, String dirTargetPath, String fromDate, String toDate)	Copy directory	Receiving the 'dirOriginalPath', it is copied to the 'dirTargetPath', only if the date of creation is within the set date range (between 'fromDate' and 'toDate'). It returns to TRUE, if successfully executed, and to FALSE, if failed.
boolean	copyDirectory(String dirOriginalPath, String dirTargetPath, String owner)	Copy directory	Receiving the 'dirOriginalPath', it is copied to the 'dirTargetPath', only if the owner corresponds to the given directory. It returns to TRUE, if successfully executed, and to FALSE, if failed.

Input

- dirOriginalPath : The original directory path that includes a string- type absolute path (ex. /product/jeus/egovProps/tmp/dir1)
- dirTargetPath : The target directory path that includes a string- type absolute path (ex. /product/jeus/egovProps/tmp/copy1)
- fromDate : A string- type date information (ex. 20090101)
- toDate : A string- type date information (ex. 20090731)
- owner : A string- type user account name (ex. jeus)

Output

- boolean- type true / false

* Validation check is applied to 'fromDate' and 'toDate' items among the input method items (Refer to [element technology validation check](#))

Environmental Settings

N/A

Manual

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

```
String dirOriginalPath1 = "/user/com/dir1";
```

```
String dirTargetPath1   = "/user/com/copy2";
```

```
boolean result1         = EgovFileTool.copyDirectory(dirOriginalPath1, dirTargetPath1);
```

```
String dirOriginalPath2 = "/user/com/dir2";
```

```
String dirTargetPath2   = "/user/com/copy2";
```

```
String dirTargetPath2   = "20080101";
```

```
String dirTargetPath2   = "20080130";
```

```
boolean result2 = EgovFileTool.copyDirectory(dirOriginalPath2, dirTargetPath2, fromDate2, toDate2);
```

```
String dirOriginalPath3 = "/user/com/dir3";
```

```
String dirTargetPath3   = "/user/com/copy3";
```

```
String owner3           = "com";
```

```
boolean result3         = EgovFileTool.copyDirectory(dirOriginalPath3, dirTargetPath3, owner3);
```

References

N/A