

Directory Existence Check

Summary

It provides a common function to check whether a directory exists or not, if necessary, while processing the business logic.

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

Description

- ① Function to check whether a target directory exists or not
- ② Function to check whether a target directory that falls below a certain level exists or not
- ③ Function to check whether the target directory whose final update (modification) date is within a specific date range exists or not
- ④ Function to check whether the target directory that is specifically generated by an owner exists or not (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/EgovDrctryExst.jsp	A test page	

Method

Output	Method	Description	Details
boolean	getExistDirectory(String targetDirPath)	Directory Check	Receiving a target directory path (targetDirPath) to check the target. If successfully executed, it returns to TRUE, and if not, to FALSE.
ArrayList	getExistDirectory(String baseDirPath, String targetDirName, int cnt)	Directory Check	Receiving a base directory path (baseDirPath) to check whether the target directory path (targetDirPath) exists in the lower directories. If successfully executed, the confirmed absolute path is returned as string information stored in a LIST.
boolean	getExistDirectory(String targetDirPath, String fromDate, String toDate)	Directory Check	Receiving a target directory path (targetDirPath) to check whether its date of creation is within the set date range (between fromDate and toDate). If successfully executed, it returns to TRUE, and if not, to FALSE.
boolean	getExistDirectory(String targetDirPath, String owner)	Directory Check	Receiving a target directory path (targetDirPath) to check whether the owner corresponds to the given directory. If successfully executed, it returns to TRUE, and if not, to FALSE.

Input

- targetDirPath: A target directory path to be checked that includes a string- type absolute path (ex. /product/jeus/egovProps/tmp/dir1)
- baseDirPath: A base directory path to be checked that includes a string- type absolute path (ex. /product/jeus/egovProps/tmp)
- targetDirName: A string- type target directory name to be checked (ex. dir1)
- cnt : Repeated count times to check whether int- type directories exist or not (ex. 10)
- 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: Whether it exists or not - true / false
- ArrayList type: A list of directories that fall below the base path {"/user/com", "user/com/com", "user/adt/com"}

* 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 targetDirPath1 = "/user/com/dir1";  
boolean result1      = EgovFileTool.getExistDirectory(targetDirPath1);
```

```
String targetDirPath1 = "/user/com/dir2";  
String targetDirPath1 = "dir22";  
int    matchCnt      = 1;  
ArrayList result2   = EgovFileTool.getExistDirectory(baseDirPath2, targetDirPath2, matchCnt);
```

```
String targetDirPath3 = "/user/com/dir3";  
String fromDate3     = "20090101";  
String toDate3      = "20090131";  
boolean result3 = EgovFileTool.getExistDirectory(targetDirPath3, fromDate3, toDate3);
```

```
String targetDirPath4 = "/user/com/dir4";  
String ownerName4    = "com";  
boolean result4      = EgovFileTool.getExistDirectory(targetDirPath4, ownerName4);
```

References

N/A