File/Directory Compression/Decompression

Summary

It provides a common function to perform file or directory compression/decompression that is required while processing the business logic.

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

Description

① Function to compress files or directories in zip or gzip formats
② Function to decompress the compressed files in zip or gzip formats

Related Sources

Type	Corresponding Sources	Description	Remarks
Service	egovframework.com.utl.service.EgovFileCmprs.java	An element technology on file compression/decompression	
JSP	WEB_INF/jsp/egovframework/cmm/utl/EgovFileCmprs.jsp	A test page	

Method

Output	Method	Description	Details
boolean	cmprsFile(String source, String target)	Compression	Returns to true/false depending on successful or failed compression with the original file name(source) and the compressed file name(target)
boolean	decmprsFile(String source, String target)	Decompression	Returns to true/false depending on successful or failed decompression with the compressed file name(source) and the decompressed path(target)

Input

- Original File: Directory that includes a string-type absolute path (ex. /user/com/test/file1.txt)
- Compressed File: File name that includes a string-type absolute path (ex. /user/com/test/file1.zip)
- Decompressed Path: Decompressed directory that includes a string-type absolute path (ex. /user/com/test)
- Validation Check: Element technology_validation_ check

Output

- Boolean-type true / false

Environmental Settings

N/A

Manual

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

String source = "/user/com/sample/test";
String target = "/user/com/sample/test.zip";
// 1. File compression
boolean isCompressed = EgovFileCmprs.cmprsFile(source, target);
```

```
// 2. File decompression
if (isCompressed) {
    String src = target;
    String tar = "/user/com/sample/de_test/";
    boolean deCompressed = EgovFileCmprs.decmprsFile(src, tar);
}
```

References

N/A