File Parsing

Summary

It is a function to extract information by parsing the user uploaded files and the server text files using a specific separator (',', '|', 'TAB'). Also, there is a function to extract information by parsing the file text line in regular size. The functions are available when user information and product list information are created into CSV files to be uploaded in a server. Then, parsing is performed to be collectively inserted into the database.

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

Description

① Function to parse text files using a separator
② Function to parse text files in regular size

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/EgovFilePars.jsp	A test page	

Method

Output	Method	Description	Details
Vector	parsFileByChar(String parFile, String parChar, int parField)	File parsing using a specific separator	File parsing using a specific separator (',', 'TAB')
Vector	parsFileBySize(String parFile, int[] parLen, int parLine)	File parsing in regular size	File parsing in regular size

Input

- File: File name that includes a string- type absolute path (ex. /user/com/test/file1.txt)
- Separator: String- type parsing separator (ex. $)
- Field Count: Integer- type parsing field count (ex. 3)
- Field Size: Integer- type parsing field size (ex. 3:3:3)
- Line Count: Integer- type line count to be read (ex. 10)

Output

- Vector- type parsing result struct

Environmental Settings

N/A

Manual

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

// 1. File parsing using a specific separator
String parFile = request.getParameter("file");
String parChar = request.getParameter("char");
int parField = Integer.parseInt(request.getParameter("field"));
```

```
Vector list = new Vector();
if (parFile != null && parFile.length() > 0
        && parChar != null && parChar.length() > 0
        && parField > 0) {
        list = EgovFileTool.parsFileByChar(parFile, parChar, parField);
}


// 2. File parsing in regular size
String parFile = request.getParameter("file");
String[ ] parSize = request.getParameter("len").split(":");
String line = request.getParameter("line");
int [ ] parLen = null;
int parLine = 0;
Vector list = new Vector();
if (parFile != null && parFile.length() > 0
        && parSize != null && parSize.length > 0
        && line != null && line.length() > 0) {
        parLen = new int [ parSize.length] ;
        for (int i = 0; i < parSize.length; i++) {
                parLen[ i]  = Integer.parseInt(parSize[ i] );
        }
        parLine = Integer.parseInt(line);
        list = EgovFileTool.parsFileBySize(parFile, parLen, parLine);
}
```

References

N/ A