

Element Technology – File Download

Summary

It provides a function to download attached files.

Description

The function that allows downloading the files saved in a server can be processed via 'HttpServletResponse'.

Related Sources

Type	Corresponding Sources	Description	Remarks
Service	egovframework.com.cmm.service.EgovFileMngUtil.java	Common utility to process attached files	
Controller	egovframework.com.utl.fcc.web.EgovFileDownController.java	A controller for testing	
JSP	/WEB-INF/jsp/egovframework/cmm/utl/EgovFileDown.jsp	A test page	

Method

Output	Method	Description	Details
void	downFile(HttpServletRequest request, HttpServletResponse response)	File Download	Function to download files registered as attachments
void	downFile(HttpServletRequest request, HttpServletResponse response, String storeFilePath)	File Download	Function to download files registered as attachments (Designate the storage location)

Input

- request: The request object of JSP or Servlet ("downFile" and "originFile" attributes are included)
- response: The response object of JSP or Servlet
- storeFilePath: A location where the file is saved; String object, not null
- Validation Check: [Element Technology Validation Check](#)

Output

- N/A

Environmental Settings

Use 'EgovPropertyService' to get the file storing path.

(Refer to the 'egovProps/globals.properties' file under the *User home* directory for further information on the EgovPropertyService, and the "Globals.fileStorePath" attribute of the property file shall be used for the current file upload function.)

- User home directory: The information obtained via System.getProperty("user.home"); Windows type OS usually adopts "C:\ Documents and Settings\ *User Account*" and Unix account adopts "/home/*User Account*".

Manual

First of all, assume that the following properties are defined in the 'globals.properties' file.

...

```
Globals.fileStorePath = C:/Documents and Settings/Administrator/egovProps/
```

```
...
```

```
import egovframework.com.cmm.service.EgovFileMngUtil;
```

```
...
```

```
String stordFilePath = EgovProperties.getProperty("Globals.fileStorePath");
```

```
// saved file name
```

```
String filename = request.getParameter("filename");
```

```
// original attached file name
```

```
String original = request.getParameter("original");
```

```
if ("".equals(original)) {  
    original = filename;  
}
```

```
request.setAttribute("downFile", stordFilePath + filename);
```

```
request.setAttribute("originFile", original);
```

```
EgovFileMngUtil.downFile(request, response);
```

References

- Reference to uploading files: [File Upload](#)