

Element Technology – Session Process

Summary

It provides various common functions related to the session processing.

Description

The session has functions to save, obtain and remove the object information, and the 'HttpSession' information of the 'HttpServletRequest' object is applied for the processing.

Related Sources

Type	Corresponding Sources	Description	Remarks
Service	egovframework.com.utl.cas.service.EgovSessionCookieUtil.java	A utility related to the session processing	
Controller	egovframework.com.utl.fcc.web.EgovComUtilTestController.java	A controller for testing	
JSP	/WEB-INF/jsp/egovframework/cmm/utl/EgovSession.jsp	A test page	

Method

Output	Method	Description	Details
void	setSessionAttribute(HttpServletRequest request, String key, String value)	Create a session information	A function to create a session information using the key value given to 'HttpSession'
void	setSessionAttribute(HttpServletRequest request, String key, Object obj)	Create a session object	A function to create a session object using the key value given to 'HttpSession'
Object	getSessionAttribute(HttpServletRequest request, String key)	Obtain a session object	A function to get a session object relevant to the key value existing in 'HttpSession'
String	getSessionValues(HttpServletRequest request)	Obtain a list of session objects	A function to call all the values in the 'HttpSession' object.
void	removeSessionAttribute(HttpServletRequest request, String key)	Delete a session object	A function to delete the session existing in 'HttpSession' using the given key value.

Input

- request: Request objects of JSP or Servlet
- key: A key value used in the session where String is used instead of Null (ex. "Userld")
- value, obj: An object that is to be saved as the key value in a session; null is available (ex. "KILDONG")
- Validation Check: [Validation check of the element technology](#)

Output

- Object, String: An object saved as the corresponding key

Environmental Settings

N/A

Manual

```
import javax.servlet.http.HttpServletRequest;

import egovframework.com.utl.cas.service.EgovSessionCookieUtil;

...
// Save Session Information
EgovSessionCookieUtil.setSessionAttribute(request, "USER_ID", "KildongHong");
EgovSessionCookieUtil.setSessionAttribute(request, "USER_NAME", "KildongHong ");

// Print Session Information (Displays all the session information)
logger.info("Session Infos : " + EgovSessionCookieUtil.getSessionValuesString(request));

// Get Specific Session Information
String userId = (String)EgovSessionCookieUtil.getSessionAttribute("USER_ID");

// Delete Session Information
EgovSessionCookieUtil.removeSessionAttribute(request, "USER_ID");
EgovSessionCookieUtil.removeSessionAttribute(request, "USER_NAME");
```

References

- Reference to the cookie handling: [Cookie Handling](#)