

Server Information Check

Summary

It is to check information on various servers (Web server, WAS server and E- Mail server) installed in a system.

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

Description

- ① Function to get the product name of a server installed in a system
- ② Function to get the version of a server installed in a system
- ③ Function to get the port number of a server installed in a system
- ④ Function to get the execution status of a server installed in a system

Related Sources

Type	Corresponding Sources	Description	Remarks
Service	egovframework.com.utl.service.EgovSysInfo.java	An element technology class on checking system information	
JSP	WEB_INF/jsp/egovframework/cmm/utl/EgovSysInfo.jsp	A test page	

Method

Output	Method	Description	Details
String	getPrductVersion(String server)	Product Name/Version Inquiry	It returns the product name and version using the server name
String	getPrductPort(String server)	Port Inquiry	It returns the product port number using the server name
String	getPrductStatus(String port)	Execution Status Inquiry	It returns the execution status using the product port number

Input

Output

- String type server name (ex. WEBLOGIC)
- String type version (ex. 9.2 MP3)
- String type execution status (ex. LISTENING)
- String type product port (ex. 7001)

Environmental Settings

- server.properties

```
# 1. List (separator $)
SERVER_LIST = WEBLOGIC$JEUS$JBOSS
# 2. Version
WEBLOGIC.VERSION = 9.2 MP3
JEUS.VERSION = 6.0
JBOSS.VERSION = 3.1
# 3. Product Port
WEBLOGIC.PORT = 7001
JEUS.PORT = 9736
JBOSS.PORT = 8080
```

4. Shell script to check the execution status

SHELL.WINDOWS.getPrductStatus = C:/Documents and
Settings/Administrator/egovProps/prg/getPrductStatus.bat

SHELL.UNIX.getPrductStatus = /product/jeus/egovProps/prg/getPrductStatus.sh

- getPrductStatus.bat (Windows execution status inquiry script)

netstat - na

- getPrductStatus.sh (Unix execution status inquiry script)

echo \$1 - PORT

netstat - na | grep - w "LISTEN" | grep - c \$1

Manual

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

```
// 1. Server List Inquiry
```

```
String strlist = EgovProperties.getProperty(Globals.ServerConfPath, "SERVER_LIST");
```

```
String [] list = strlist.split("\\ \ $");
```

```
for (int i = 0; i < list.length; i++) {
```

```
    // 2. Product Name
```

```
    name = list[ i ] ;
```

```
    // 3. Product Version
```

```
    version = getPrductVersion(list[ i ] );
```

```
    // 4. Product Port Number
```

```
    port = getPrductPort(list[ i ] );
```

```
    // 5. Execution Status
```

```
    status = getPrductStatus(port);
```

```
}
```

References

N/A