

Process ID Check

Summary

It is to check information on processes executed in a system.

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

Description

- ① Function to check the process ID information
Function to check the ID information relevant to the specific process name

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/EgovProcsInfo.jsp	A test page	

Method

Output	Method	Description	내용
ArrayList	getProcessId()	Process ID info inquiry	It is to inquire the process ID information. It returns the Process ID, Group Info, User Account Info, Execution Instruction and Execution Instruction Position Info as the String Info in a LIST.
ArrayList	getProcessId(String processName)	Process ID info inquiry	It is to inquire the Process ID info that is relevant to the processName. It returns the Process ID, Group Info, User Account Info, Execution Instruction and Execution Instruction Position Info as the String Info in a LIST.

Input

- processName: Process name (ex. "java")

Output

- ArrayList type: Process info list (ex. {"javaw", "user", "jeus", "java", "/usr/java5_64/bin/java"})

Environmental Settings

The 'getProcessId' method is to check information using the shell script execution result. The shell script information used during the call process shall be registered in globals.properties.

- globals.properties

The shell script applied in the 'getProcInfo' method

```
SHELL.UNIX.getProcInfo= /product/jeus/egovProps/prg/getProcInfo.sh
```

- getProcInfo.sh (Unix disk properties inquiry script)

```
if [ $1 == "- all" ]  
then  
ps - eo "%p %G %U %c %a"| awk - F " " '{ print $1,$2,$3,$4,$5}'
```

```
else
  ps - eo "%p %G %U %c %a"| awk - F" " '{print $1,$2,$3,$4,$5}' | grep $1
fi
```

Manual

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

```
//Items are registered in the following order: Process ID, Group Info, User Account Info, Execution  
Instruction and Execution Instruction Position
```

```
ArrayList result1 = EgovSysInfo.getProcessId();
```

```
String strProcessName = "oracle";
```

```
ArrayList result2 = EgovSysInfo.getProcessId(strProcessName);
```

References

N/A