General Log-in Service

Summary

The log-in method is generally classified into two methods. First is to use the ID and password created in joining in (general log-in from hereinafter) and the second is to use certifications as NPKI or GPKI. In general log-in, the screen is composed differently by each type of users (i.e. general member, corporate member and work user).

Function flow

|  |  |
| --- | --- |
| Function name | Function flow |
| General log-in | Input ID/PW → Log-in request → authorization → session setup → create log-in log → menu setup by each authority → load screen by each authority |

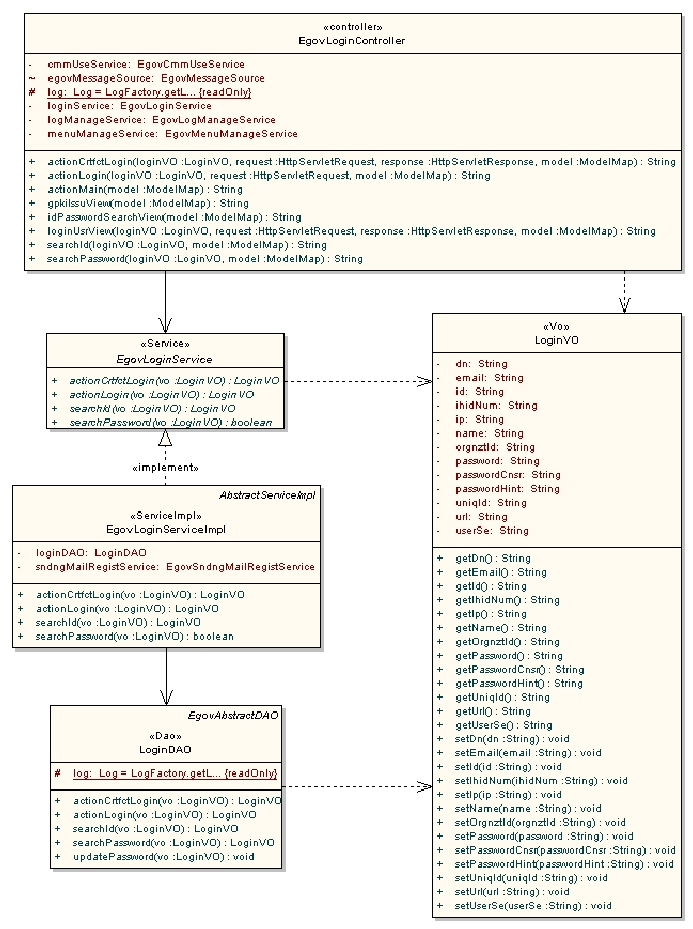
Description

It is a service component that allows access from system users and supports to ensure information on users that attempt to connect to the application program for security purposes. It is a method which the user inputs the log-in information (user ID / password), the component searches for the existing user information and processes the user certification.

Related Source

|  |  |  |
| --- | --- | --- |
| Type | Subject source name | Remarks |
| C ontroller | egovframework.com.uat.uia.web.EgovLoginC ontroller.java | Controller class for the log-in |
| Service | egovframework.com.uat.uia.service.EgovLoginService.java | Interface for log-in |
| Service | egovframework.com.sym.log.service.EgovLogManageService.java | Service and interface for creating log-in log |
| Service | egovframework.com.sym.mpm.service.EgovMenuManageService.java | Service interface for searching menus after log-in |
| ServiceImpl | egovframework.com.uat.uia.service.impl.EgovLoginServiceImpl.java | Service realization class for log-in |
| VO | egovframework.com.uat.uia.service.LoginVO.java | VO class for log-in |
| DAO | egovframework.com.uat.uia.service.impl.LoginDAO.java | Data processing class for log-in |
| Query XML | resources/egovframework/sqlmap/com/uat/uia/EgovLoginUsr\_SQL.xml | Query XML for log-in |
| JSP | WEB\_INF/jsp/egovframework/cmm/uat/uia/EgovLoginUsr.jsp | Log-in page |

Class Diagram



Related table

|  |  |  |
| --- | --- | --- |
| Table name | Table name (English) | Remarks |
| Employer | COMTNEMPLYRINFO | Managing the information of employers |
| Enterprise member | COMTNENTRPRSMBER | Managing the information of enterprise members |
| General member | COMTNGNRLMBER | Managing the information of general members |
| Log-in log | COMTNLOGINLOG | Managing the information of the log-in log |
| Menu | COMTNMENUINFO | Managing the information of menu |

Related setup

In case of realizing the log-in function without GPKI certification log-in, the EgovLoginController.java is changed as following.

The log-in screen processing is changed as following:

public String loginUsrView(@ModelAttribute("loginVO") LoginVO loginVO,

HttpServletRequest request,

HttpServletResponse response,

ModelMap model)

throws Exception {

// # In case of processing log-in without GPKI certification

return "cmm/uat/uia/EgovLoginUsr";

}

The part of certification log-in is changed as following:

public String actionCrtfctLogin(@ModelAttribute("loginVO") LoginVO loginVO,

HttpServletRequest request,

HttpServletResponse response,

ModelMap model)

throws Exception {

// # In case of processing general log-in without GPKI certification

return "cmm/uat/uia/EgovLoginUsr";

}

Screen and execution manual

General user log-in

|  |  |  |  |
| --- | --- | --- | --- |
| Action | URL | Controller method | QueryID |
| Login screen | /uat/uia/egovLoginUsr.do | loginUsrView |  |
| General log-in | /uat/uia/actionLogin.do | actionLogin | loginDAO.actionLogin |

General log-in searches the user information in each class of users with the ID and password.

It creates the log-in log with searched user information and call the spring security for authorization certification and session setup.

Compose the main screen by searching the menu information.

Choose a type of duty: select the type of user work

Insert ID: type in your ID

Insert password: type in the password

Log-in: user log-in certification with the ID and password

Join in as a member: Move to the member join in page for each type of work

Certification log-in: Call the GPKI certification pop-up

Certification guide: Call the GPKI certification guide pop-up

Save ID: saves the ID information for future visits

Reference

N/A

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