

Menu Generation Management

Summary

When the menu of tree shape which is inquired as menu list is logged in by the user through the defining of the state of menu application in accordance with the authority of each user, the Menu Generation Management shall be managed so that only corresponding page of authority is to be appeared on the menu after confirming the corresponding authority of the user.

Contents for the authority are described in detail at the [Authority Management](#). After generating the menu, the menu site map suitable to the menu generation can be created, and the Site Map Generation is created with jsp page.

Description

Package Dependency

Menu Generation Management Package has direct functional dependency only for the common package (cmm) of element technology and program management package. However, in order to be executed without error during the component distribution, the distribution file is constituted with mail connection interface, shortcut menu management, menu management, site map, program management, format/date/calculation, system (sim), calendar, web editor, and postal number package in accordance with the dependency between packages.

- Dependency between packages: [System management Package Dependency](#)

Related Source

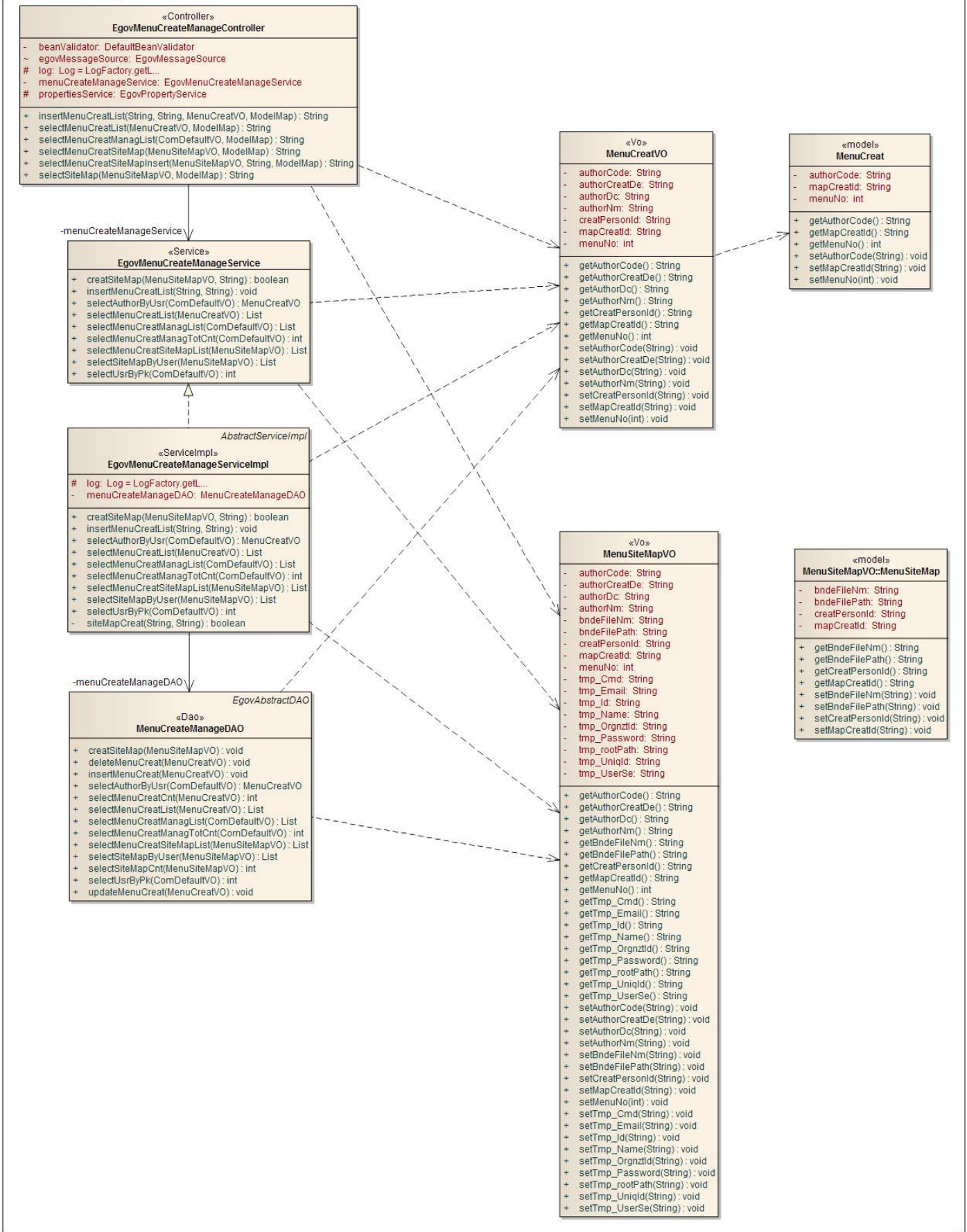
Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sym.mnu.mcm.web.EgovMenuCreateManageController.java	Controller class for Menu Generation
Service	egovframework.com.sym.mnu.mcm.service.MenuCreateManageService.java	Service interface for Menu Generation
ServiceImpl	egovframework.com.sym.mnu.mcm.service.impl.MenuCreateManageServiceImpl.java	Service implementation class for Menu Generation
Model	egovframework.com.sym.mnu.mcm.service.MenuCreat.java	Model class for Menu Generation
Model	egovframework.com.sym.mnu.mcm.service.MenuSiteMap.java	Model class for Menu Site Map Generation
VO	egovframework.com.sym.mnu.mcm.service.MenuCreatVO.java	VO class for Menu Generation
VO	egovframework.com.sym.mnu.mcm.service.MenuSiteMapVO.java	VO class for Menu Site Map Generation
DAO	egovframework.com.sym.mnu.mcm.service.impl.MenuCreateManageDAO.java	Data processing

		class for Menu Generation
JSP	/WEB-INF/jsp/egovframework/com/sym/mnu/mcm/EgovMenuCreatManage.jsp	Page for managing Menu Generation
JSP	/WEB-INF/jsp/egovframework/com/sym/mnu/mcm/EgovMenuCreat.jsp	Page for Menu Generation
JSP	/WEB-INF/jsp/egovframework/com/sym/mnu/mcm/EgovMenuCreatSiteMap.jsp	Pop-up page for Menu Site Map Generation
QUERY XML	resources/egovframework/sqlmap/com/sym/mnu/mcm/EgovMenuCreat_SQL_Mysql.xml	QUERY XML for Menu Generation MySQL
QUERY XML	resources/egovframework/sqlmap/com/sym/mnu/mcm/EgovMenuCreat_SQL_Oracle.xml	QUERY XML for Menu Generation Oracle
QUERY XML	resources/egovframework/sqlmap/com/sym/mnu/mcm/EgovMenuCreat_SQL_Tibero.xml	QUERY XML for Menu Generation Tibero
QUERY XML	resources/egovframework/sqlmap/com/sym/mnu/mcm/EgovMenuCreat_SQL_Altibase.xml	QUERY XML for Menu Generation Altibase
QUERY XML	resources/egovframework/sqlmap/com/sym/mnu/mcm/EgovMenuSiteMap_SQL_Mysql.xml	QUERY XML for Site Map Generation MySQL
QUERY XML	resources/egovframework/sqlmap/com/sym/mnu/mcm/EgovMenuSiteMap_SQL_Oracle.xml	QUERY XML for Site Map Generation Oracle
QUERY XML	resources/egovframework/sqlmap/com/sym/mnu/mcm/EgovMenuSiteMap_SQL_Tibero.xml	QUERY XML for Site Map Generation Tibero
QUERY XML	resources/egovframework/sqlmap/com/sym/mnu/mcm/EgovMenuSiteMap_SQL_Altibase.xml	QUERY XML for Site Map Generation Altibase
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	Validator Rule defined XML
Validator XML	resources/egovframework/validator/com/sym/mnu/mcm/EgovMenuCreat.xml	Menu Generation Validator XML
Validator XML	resources/egovframework/validator/com/sym/mnu/mcm/EgovMenuSiteMap.xml	Site Map Generation Validator XML

Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Menu & Site Map Generation Message properties
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Class Diagram

class CDD_메뉴생성관리



Related Table

Name of table	Name of table (English)	Remarks
Menu Generation Detail	COMTNAUTHORINFO	Manage the menu generation information.

Site map	COMTNMENUCREATDTLS	Manage the site map generation information.
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Related Functions

Menu generation management function is divided into the **Menu Generation List Inquiry, Menu Generation, and Site Map Generation** functions.

Menu Generation List Inquiry

Business Rule

Menu generation list is inquired with the unit of 10 cases per page, and paging is realized with the unit of 10 pages. Search condition is performed for the authority code.
 In order to generate new menu, move to **Menu Generation** screen through the inquired menu generation button for each authority. The state of menu generation for each authority (Y,N) can be confirmed through the menu generation state among the list of inquired menu generation management screen. Generated menu can be created again after moving to the **Menu Generation** screen. When conducting inquiry after inputting the user ID to security setup subject ID, the authority code of corresponding user ID is inquired.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sym/mnu/mcm/EgovMenuCreatManageSelect.do	selectMenuCreatManageList	"menuManageDAO.selectMenuCreatManageList_D",
			"menuManageDAO.selectMenuCreatManageTotalCnt_S"

메뉴생성관리

보안설정대상ID

조회

권한코드	권한명	권한 설명	메뉴생성여부	메뉴생성
IS_AUTHENTICATED_ANONYMOUSLY	익명 사용자		N	메뉴생성
IS_AUTHENTICATED_FULLY	인증된 사용자		N	메뉴생성
IS_AUTHENTICATED_REMEMBERED	REMEMBERED 사용자		N	메뉴생성
ROLE_ADMIN	관리자		Y	메뉴생성
ROLE_ANONYMOUS	모든 사용자	모든 사용자	Y	메뉴생성
ROLE_COP	협업 담당자	협업 담당자	Y	메뉴생성
ROLE_ENTRPRSMBER_MANAGER	기업회원 관리자	기업회원 관리자	Y	메뉴생성
ROLE_MBER_MANAGER	일반회원 관리자	일반회원 관리자	N	메뉴생성
ROLE_RESTRICTED	제한된 사용자		N	메뉴생성
ROLE_SEC	보안 업무 담당자		N	메뉴생성
ROLE_SYM	시스템 업무 담당자		Y	메뉴생성
ROLE_USER	일반 사용자		Y	메뉴생성

Menu Generation

Business Rule

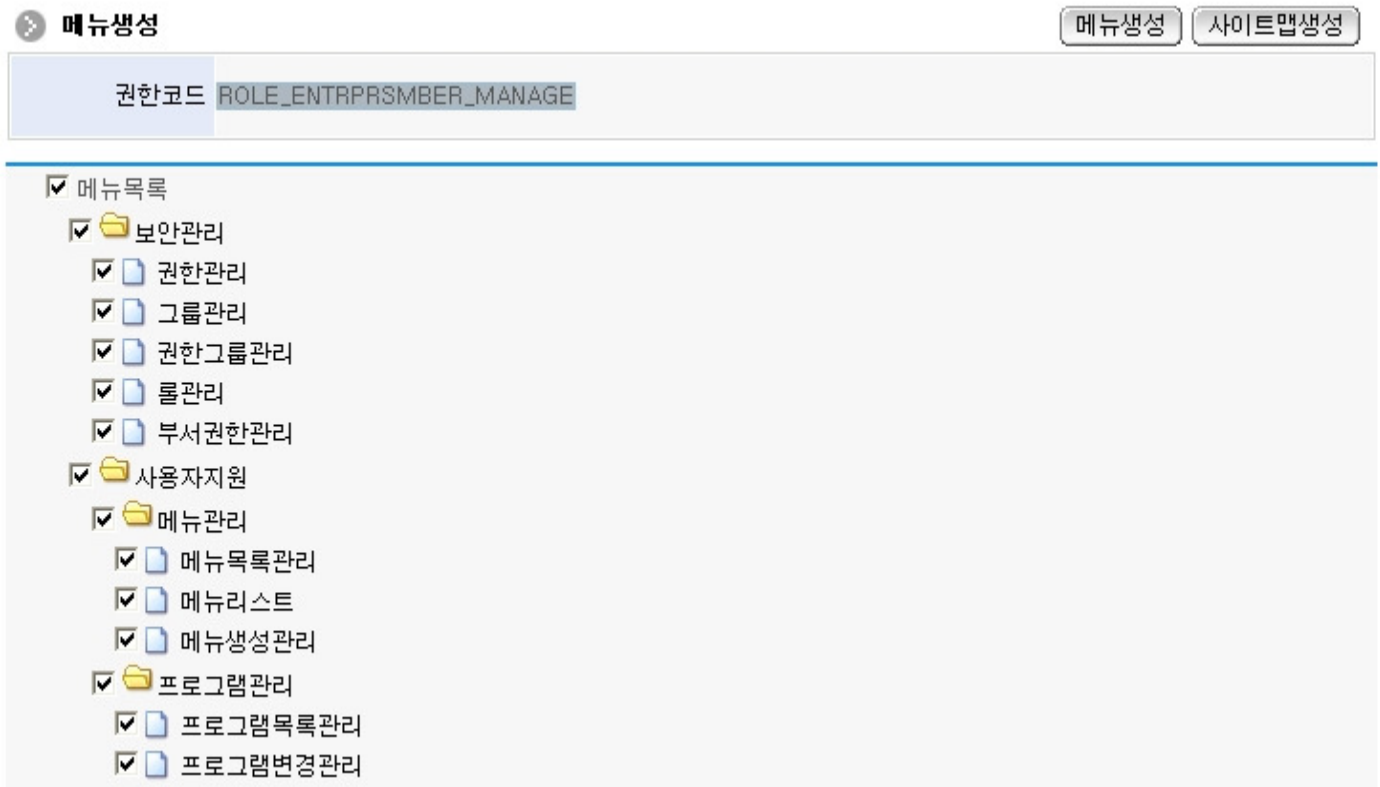
Menu is generated by clicking the menu generation button after selecting the menu required for the corresponding authority from the menu generation screen.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sym/mnu/mcm/EgovMenuCreatSelect.do	selectMenuCreatList	"menuManageDAO.selectMenuCreatList_D"
Registration	/sym/mnu/mcm/EgovMenuCreatInsert.do	insertMenuCreatList	"menuMamenuManageDAO.insertMenuCreat_S"



Menu generation: The menu selected from the check box is generated as the menu for the corresponding authority.

Site map generation: Site map generation pop-up screen is called.

Site Map Generation

Business Rule

Site map is generated with the basis of the menu generated from the menu generation screen, therefore, the menu shall always have been generated in advance.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sym/mnu/mcm/EgovMenuCreatSiteMapSelect.do	selectMenuCreatSiteMap	"menuManageDAO.selectMenuCreatSiteMapList_D"
Registration	/sym/mnu/mcm/EgovMenuCreatSiteMapInsert.do	selectMenuCreatSiteMapInsert	"menuManageDAO.selectMenuCreatSiteMapList_D",
			"menuManageDAO.insertSiteMap_S"

Absolute path of webapp shall be designated. It shall be updated at the change subject source (/sym/mnu/mcm/EgovMenuCreatSiteMap.jsp).

```
/* Absolute path of the place where the absolute path site map is to be saved*/
var vRootPath = "D:/egovframework/workspace/com/src/main/webapp"; // Window webapp location
var vRootPath = "/product/jeus/webhome/was_com/egovframework-com-1_0/egovframework-com-1_0_war___"; // Unix webapp location
/* Designate the place where the site map jsp is to be saved in the absolute path */
var vSiteMapPath = "/html/egovframework/com/uss/umt/";
```

When clicking the site map generation button, the site map inquired at the site map generation screen is generated as the 'corresponding authority code_SiteMap.jsp' file at /webapp/html/egovframework/com/sym/mnu/mcm/directory with jsp file.

☞ 메뉴사이트맵생성
사이트맵생성

권한코드

- + ▶ 보안관리
 - 권한관리
 - 그룹관리
 - 권한그룹관리
 - 롤관리
 - 부서권한관리
- + ▶ 사용자지원
 - + ▶ 메뉴관리
 - 메뉴목록관리
 - 메뉴리스트
 - 메뉴생성관리
 - + ▶ 프로그램 관리
 - 프로그램목록관리
 - 프로그램변경관리
 - 프로그램변경요청
 - 프로그램변경이력
 - + ▶ 사용자관리
 - 업무사용자관리
 - 일반회원관리
 - 기업회원관리
 - 일반회원가입처리
 - 기업회원가입처리
 - 회의관리

Site map generation: Site map is generated with the basis of the established information.