

Authority group management

Summary

Authority group management provides the management functions of setting up the group in accordance with the characteristic of the user for the system utilization, and of giving authority in collective fashion to the user belonged to the corresponding group after selecting a specific group.

Description

Authority group management accompanies the functions of **registration, update, and deletion inquiry** with the purpose of managing the user authority as the unit of group.

① Authority group registration: The authority information is collectively and individually registered by inquiring the user for each group.

② Authority group update: The authority information allocated to the user for each group is collectively and individually revised.

③ Authority group deletion: The authority information allocated to the user for each group is collectively and individually deleted.

④ Authority group list: The authority information allocated to the user for each group is inquired.

Package Dependency

Authority group management package has direct functional dependency only for the common package (cmm) of element technology. However, in order to be executed without error during the component distribution, the distribution file is constituted with department authority management, group management, role management, spring security, user integrated certification, element technology (utility) system, format/date/calculation, web editor, and mail connection interface package in accordance with the dependency between packages.

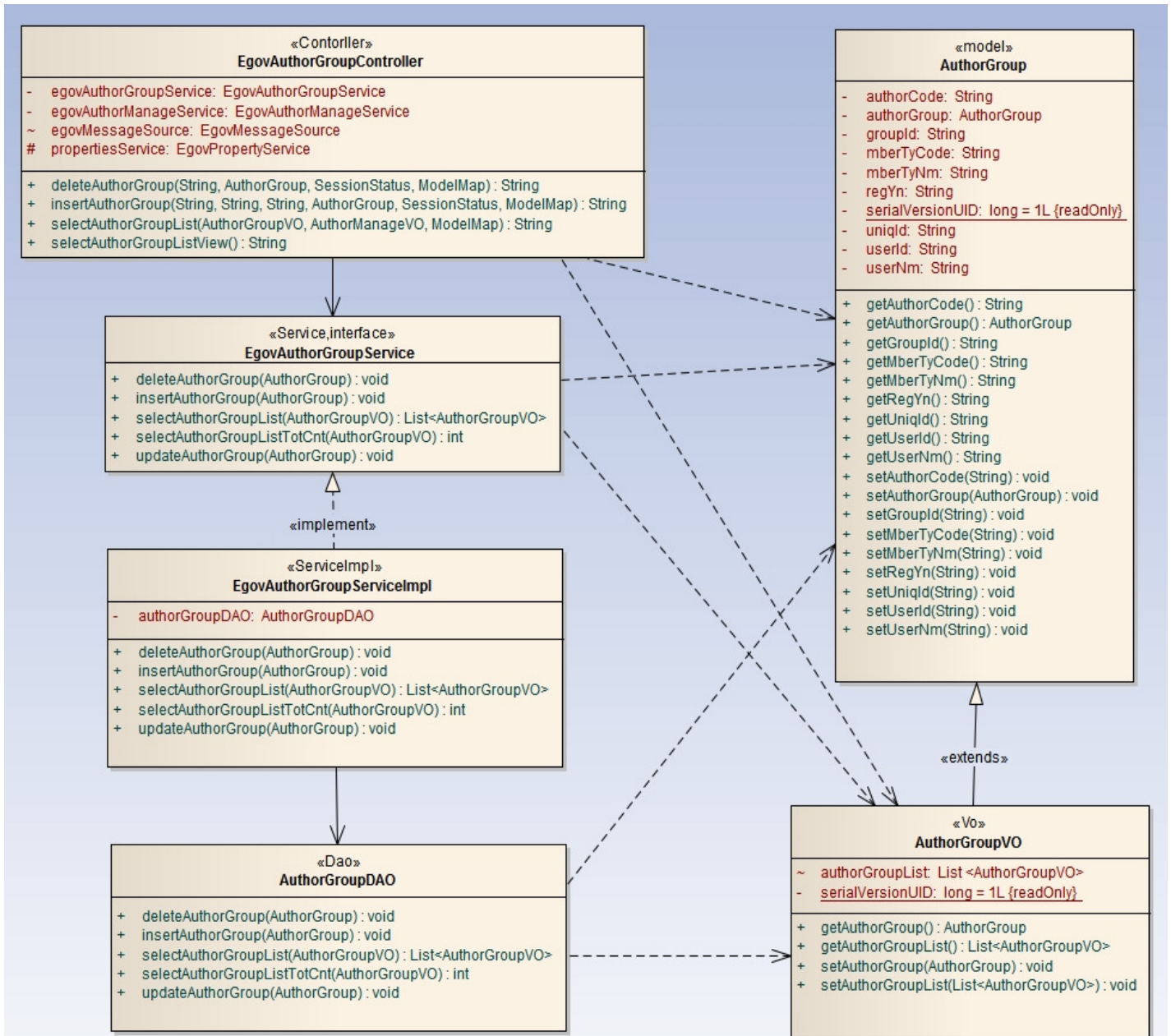
- Dependency between packages: [Security Package Dependency](#)

Related Sources

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sec.rgm.web.EgovAuthorGroupController.java	Controller class for authority group management
Service	egovframework.com.sec.rgm.service.EgovAuthorGroupService.java	Service interface for authority group management
ServiceImpl	egovframework.com.sec.rgm.service.impl.EgovAuthorGroupServiceImpl.java	Service implementation class for authority group management
Model	egovframework.com.sec.rgm.service.AuthorGroup.java	Model class for authority group management
VO	egovframework.com.sec.rgm.service.AuthorGroupVO.java	VO class for authority group management

DAO	egovframework.com.sec.rgm.service.impl.AuthorGroupDAO.java	Data processing class for authority group management
JSP	/WEB-INF/jsp/egovframework/com/sec/rgm/EgovAuthorGroupManage.jsp	jsp page for authority group management
QUERY XML	resources/egovframework/sqlmap/com/sec/rgm/EgovAuthorGroup_SQL_Mysql.xml	QUERY XML for authority group management MySQL
QUERY XML	resources/egovframework/sqlmap/com/sec/rgm/EgovAuthorGroup_SQL_Oracle.xml	QUERY XML for authority group management Oracle
QUERY XML	resources/egovframework/sqlmap/com/sec/rgm/EgovAuthorGroup_SQL_Tibero.xml	QUERY XML for authority group management Tibero
QUERY XML	resources/egovframework/sqlmap/com/sec/rgm/EgovAuthorGroup_SQL_Altibase.xml	QUERY XML for authority group management Altibase
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Message properties for authority group management

Class Diagram



XML setup file

Name of file	Location	Remarks
context-security	src/main/resources/egovframework/spring/com/context-security.xml	스프링 시큐리티와 관련된 설정이 적용된 파일

Related Table

Name of table	Name of table (English)	Remarks
User security setup table	COMTNEPLYRSCRTYESTBS	Manage the user security setup.

Related functions

Authority group management function is largely constituted with the functions of **authority group list inquiry, authority group registration & update, authority group deletion, and group list inquiry pop-up.**

Authority group list inquiry

Business rule

Authority group 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 group, user ID, and user name, and the group is selected through the pop-up.

In the case of registering the authority for each user with the unit of group, if pop-up button is selected after selecting the inquiry condition selection item as a **group**, the pop-up with which the group can be inquired is executed.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List inquiry	/sec/rgm/EgovAuthorGroupList.do	selectAuthorGroupList	"authorGroupDAO.selectAuthorGroupList",
			"authorGroupDAO.selectAuthorGroupListTotCnt"

권한 그룹 관리 조회조건 : 사용자 ID

<input type="checkbox"/>	사용자 ID	사용자 명	사용자 유형	권한	등록 여부
<input type="checkbox"/>	13	조재2	일반 회원 유형	익명 사용자 <input type="button" value="v"/>	N
<input type="checkbox"/>	aaa	123	일반 회원 유형	익명 사용자 <input type="button" value="v"/>	N
<input type="checkbox"/>	com	공통사용자	일반 회원 유형	익명 사용자 <input type="button" value="v"/>	N
<input type="checkbox"/>	com1	공통사용자1.	일반 회원 유형	익명 사용자 <input type="button" value="v"/>	N
<input type="checkbox"/>	d123	1	일반 회원 유형	익명 사용자 <input type="button" value="v"/>	N
<input type="checkbox"/>	e3	3	일반 회원 유형	익명 사용자 <input type="button" value="v"/>	N
<input type="checkbox"/>	61	1	일반 회원 유형	익명 사용자 <input type="button" value="v"/>	N
<input type="checkbox"/>	king	왕짜증	일반 회원 유형	관리자 <input type="button" value="v"/>	Y
<input type="checkbox"/>	king1	이머명	일반 회원 유형	일반 사용자 <input type="button" value="v"/>	Y
<input type="checkbox"/>	king8393	이머명	일반 회원 유형	익명 사용자 <input type="button" value="v"/>	N

1 2 3 4 5 6 7 8 9 10

정상적으로 조회되었습니다.

Inquiry condition: It is provided at the search function by dividing into user ID, user name, and group.
 Inquiry: List of group is inquired.

Detailed inquiry: When selecting a specific item among the inquired group list, it is moved to the detailed inquiry screen.

Authority group registration and update

Business rule

In order to **register** the authority for each inquired user, select the selection check box of inquiry list, and then, select the authority information corresponded to the authority item, and select the registration button.

The modification screen is identical with the registration screen, and select the Register button after modifying the authority of user which has already been registered.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration	/sec/rgm/EgovAuthorGroupInsert.do	insertAuthorGroup	"authorGroupDAO.insertAuthorGroup"
Update	/sec/rgm/EgovAuthorGroupInsert.do	insertAuthorGroup	"authorGroupDAO.updateAuthorGroup"

권한 그룹 관리 조회조건 : 그룹

<input type="checkbox"/>	사용자 ID	사용자 명	사용자 유형	권한	등록 여부
<input type="checkbox"/>	13	조재2	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	aaa	123	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	com	공통사용자	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	com1	공통사용자1.	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	d123	1	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	e3	3	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	g1	1	일반 회원 유형	익명 사용자	N
<input checked="" type="checkbox"/>	king	왕자증	일반 회원 유형	관리자	Y
<input type="checkbox"/>	king1	이여명	일반 회원 유형	일반 사용자	Y
<input type="checkbox"/>	king8393	이여명	일반 회원 유형	익명 사용자	N

[First] [Prev] 1 2 3 4 5 6 7 8 9 10 [Next] [Last]

정상적으로 조회되었습니다.

Select: Select the list which is to be registered and revised.
 Register: Set up the authority to the selected user.

Authority group deletion

Business rule

In order to **delete** the authority for each inquired user, select the deletion button of the selection check box of inquiry list.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Deletion	/sec/rgm/EgovAuthorGroupDelete.do	deleteAuthorGroup	"authorGroupDAO.deleteAuthorGroup"

권한 그룹 관리 조회조건 : 그룹 팝업 조회 등록 **삭제**

<input type="checkbox"/>	사용자 ID	사용자 명	사용자 유형	권한	등록 여부
<input type="checkbox"/>	13	조재2	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	aaa	123	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	com	공통사용자	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	com1	공통사용자1	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	d123	1	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	e3	3	일반 회원 유형	익명 사용자	N
<input type="checkbox"/>	G1	1	일반 회원 유형	익명 사용자	N
<input checked="" type="checkbox"/>	king	왕자증	일반 회원 유형	관리자	Y
<input type="checkbox"/>	king1	이더명	일반 회원 유형	일반 사용자	Y
<input type="checkbox"/>	king8393	이더명	일반 회원 유형	익명 사용자	N

[First] [Prev] 1 2 3 4 5 6 7 8 9 10 [Next] [Last]

정상적으로 조회되었습니다.

Delete: Release the authority which has been set up to the selected user.

Group list inquiry pop-up

Business rule

In order to inquire the authority list of the user for each group, call the **pop-up** for group selection. After selecting the search condition as **group**, conduct the search. Select confirmation button after selecting the corresponding group among the group list which is inquired at the pop-up or selecting the check box.

Related code

N/A

Screen and execution manual

Actio	URL	Controller method	QueryID
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n			
Inquiry	/sec/gmt/EgovGroupSearchList.do	selectGroupSearchList	"groupManageDAO.selectGroupList",
			"groupManageDAO.selectGroupListTotalCnt"

그룹명 :

<input type="checkbox"/>	그룹 ID	그룹 명
<input type="checkbox"/>	GROUP_000000000000133	테스트 그룹
<input type="checkbox"/>	GROUP_000000000000114	114
<input type="checkbox"/>	GROUP_000000000000131	테스트 그룹
<input type="checkbox"/>	GROUP_000000000000130	123412341234
<input type="checkbox"/>	GROUP_000000000000123	123
<input type="checkbox"/>	GROUP_000000000000116	GROUP_000000000000116
<input type="checkbox"/>	GROUP_000000000000118	6
<input type="checkbox"/>	GROUP_000000000000107	4321
<input type="checkbox"/>	GROUP_000000000000113	43214321
<input type="checkbox"/>	GROUP_000000000000112	123444

[First] [Prev] **1** 2 [Next] [Last]

Inquiry: Group list is inquired.

Confirm: Deliver the selected group among the inquired group list to the parent window.