

Group management

Summary

The group management defines the group in order to have collective allocation of the authority to the user who is corresponded to a group by generating the user group for each purpose of using the system.

Description

The group management accompanies the functions of **registration, modification, deletion, inquiry, and list inquiry** of group with the purpose of conducting collective allocation of the authority to the user who is corresponded to a group by generating the user group for each purpose of using the system.

- ① Group registration: User group information for each purpose of using the system is registered.
- ② Group modification: User group information for each purpose of using the system is modified.
- ③ Group deletion: User group information for each purpose of using the system is deleted.
- ④ Group inquiry: User group information for each purpose of using the system is inquired.
- ⑤ Group list: User group information list for each purpose of using the system is inquired.

Description

Package Dependency

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 authority management, department authority management, authority 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.

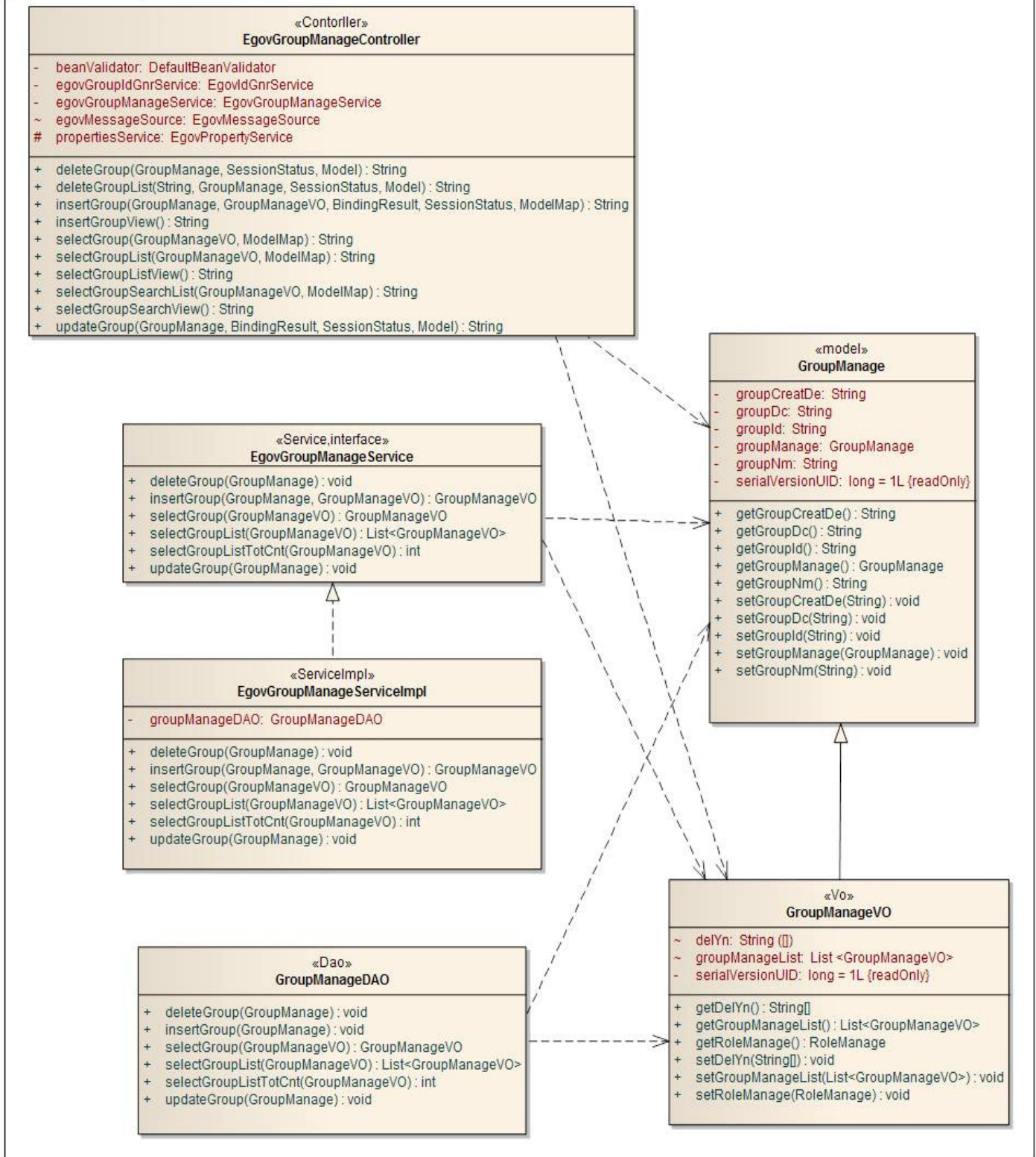
- Dependency between packages: [Security Package Dependency](#)

Related Sources

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.sec.gmt.web.EgovGroupManageController.java	Controller class for group management
Service	egovframework.com.sec.gmt.service.EgovGroupManageService.java	Service interface for group management
ServiceImpl	egovframework.com.sec.gmt.service.impl.EgovGroupManageServiceImpl.java	Service implementation class for group management
Model	egovframework.com.sec.gmt.service.GroupManage.java	Model class for group management
VO	egovframework.com.sec.gmt.service.GroupManageVO.java	VO class for group management
DAO	egovframework.com.sec.gmt.service.impl.GroupManageDAO.java	Data processing

		class for group management
JSP	/WEB-INF/jsp/egovframework/com/sec/gmt/EgovGroupManage.jsp	jsp page for group management
JSP	/WEB-INF/jsp/egovframework/com/sec/gmt/EgovGroupInsert.jsp	jsp page for group registration
JSP	/WEB-INF/jsp/egovframework/com/sec/gmt/EgovGroupUpdate.jsp	jsp page for group update
JSP	/WEB-INF/jsp/egovframework/com/sec/gmt/EgovGroupSearch.jsp	jsp page for group inquiry
QUERY XML	resources/egovframework/sqlmap/com/sec/gmt/GroupManage_SQL_Mysql.xml	QUERY XM for MySQL for group management
QUERY XML	resources/egovframework/sqlmap/com/sec/gmt/GroupManage_SQL_Oracle.xml	QUERY XM for Oracle for group management
QUERY XML	resources/egovframework/sqlmap/com/sec/gmt/GroupManage_SQL_Tibero.xml	QUERY XM for Tibero for group management
QUERY XML	resources/egovframework/sqlmap/com/sec/gmt/GroupManage_SQL_Altibase.xml	QUERY XM for Altibase for group management
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Message properties for group management
Idgen XML	resources/egovframework/spring/com/context-idgen.xml	Group management Id generation Idgen XML

Class Diagram



ID Generation

ID Generation related DDL & DML

- In order to utilize ID Generation Service, **GROUP_ID** item is added to COMTECOPSEQ which the Sequence storage table.

```
CREATE TABLE COMTECOPSEQ ( table_name varchar(16) NOT NULL,
    next_id DECIMAL(30) NOT NULL,
    PRIMARY KEY (table_name));
```

```
INSERT INTO COMTECOPSEQ VALUES('GROUP_ID','0');
```

ID Generation Configuration (context-idgen.xml)

```
<bean name="egovGroupIdGnrService"
  class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
  destroy-method="destroy">
  <property name="dataSource" ref="egov.dataSource" />
  <property name="strategy" ref="groupIdStrategy" />
  <property name="blockSize" value="1"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="GROUP_ID"/>
</bean>

<bean name="groupIdStrategy"
  class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="GROUP_" />
  <property name="cipers" value="14" />
  <property name="fillChar" value="0" />
</bean>
```

Table

Name of table	Name of table (English)	Name of table
Group information	COMTNAUTHORGROUPINFO	Manage the group in order to give the authority for each group.

Related functions

Group management function is largely classified into the functions of **group list inquiry**, **group registration**, **group modification**, and **group deletion**.

Group list inquiry

Business rule

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 name.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/sec/gmt/EgovGroupList.do	selectGroupList	"groupManageDAO.selectGroupList",
			"groupManageDAO.selectGroupListTotCnt"

<input type="checkbox"/>	그룹 ID	그룹 명	설명	등록일자	
<input type="checkbox"/>	GROUP_000000000000133	zzz	1234	2009-04-20	
<input type="checkbox"/>	GROUP_000000000000114	114	114	2009-04-20	
<input type="checkbox"/>	GROUP_000000000000131	테스트 그룹	통합테스트용 그룹	2009-04-14	
<input type="checkbox"/>	GROUP_000000000000130	123412341234		2009-04-14	
<input type="checkbox"/>	GROUP_000000000000123	123		2009-04-14	
<input type="checkbox"/>	GROUP_000000000000116	GROUP_000000000000116	GROUP	2009-04-14	
<input type="checkbox"/>	GROUP_000000000000118	6	6	2009-04-01	
<input type="checkbox"/>	GROUP_000000000000107	4321	4321	2009-04-01	
<input type="checkbox"/>	GROUP_000000000000113	43214321	43214321	2009-03-31	
<input type="checkbox"/>	GROUP_000000000000112	123444	123444	2009-03-31	

Inquiry: The list of group which has already been registered is inquired.

Register: In order to register new group, move to the **group registration** screen through the registration button at the top.

Delete: In the case of deleting the attribute information of existing group, select the corresponding check box, and then, select the **deletion button**.

Group registration

Business rule

Conduct the registration after inputting the attribute information of group.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration	/sec/gmt/EgovGroupInsert.do	insertGroup	"groupManageDAO.insertGroup"

그룹 ID *	<input type="text"/>
그룹 명 *	<input type="text"/>
설명	<input type="text"/>
등록일자	<input type="text"/>

List: It is moved to the group list inquiry screen.

Register: In order to register new group, input the group attribute, and then, register the group through the **registration button** at the top.

Group update

Business rule

Conduct the saving after changing the attribute information of group.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update	/sec/gmt/EgovGroupUpdate.do	updateGroup	"groupManageDAO.updateGroup"
Detailed inquiry	/sec/gmt/EgovGroup.do	selectGroup	"groupManageDAO.selectGroup"

Next screen is identical with the group detailed inquiry screen.

그룹 수정 목록 수정 삭제

그룹 ID *	GROUP_00000000000133
그룹 명 *	테스트 그룹
설명	테스트 그룹 입니다
등록일자	2009-04-24

정상적으로 수정되었습니다.

List: It is moved to the group list inquiry screen.

Register: After revising the group attribute which has already been registered, revise the group through the **update button** at the top.

Delete: Delete the group which has already been registered.

Group deletion

Business rule

After inquiring the group list, select the subject to be deleted with check box, and click the deletion button.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Deletion	/sec/gmt/EgovGroupDelete.do	deleteGroup	"groupManageDAO.deleteGroup"

<input type="checkbox"/>	그룹 ID	그룹 명	설명	등록일자	
<input checked="" type="checkbox"/>	GROUP_000000000000133	테스트 그룹	테스트 그룹 입니다	2009-04-24	
<input type="checkbox"/>	GROUP_000000000000114	114	114	2009-04-20	
<input type="checkbox"/>	GROUP_000000000000131	테스트 그룹	통합테스트용 그룹	2009-04-14	
<input type="checkbox"/>	GROUP_000000000000130	123412341234		2009-04-14	
<input type="checkbox"/>	GROUP_000000000000123	123		2009-04-14	
<input type="checkbox"/>	GROUP_000000000000116	GROUP_000000000000116	GROUP	2009-04-14	
<input type="checkbox"/>	GROUP_000000000000118	6	6	2009-04-01	
<input type="checkbox"/>	GROUP_000000000000107	4321	4321	2009-04-01	
<input type="checkbox"/>	GROUP_000000000000113	43214321	43214321	2009-03-31	
<input type="checkbox"/>	GROUP_000000000000112	123444	123444	2009-03-31	

Select: Set up the list to be deleted with check box. Multi-deletion can be performed.

Delete: In order to delete the group which has already been registered, the Delete button at the top shall be used.