

Outline

This Section describes how to define and manage rights and authorities to grant the user a right.

Functions

- **Authorities Management** is for **management of authorities, authority roles management, roles management and roles hierarchy management** by user.

- ① Authorities Management: The System Administrator may grant an authorization to user by registering, inquiring, updating and deleting the authorities information.
- ② Authority Roles Management: The System Administrator may register and delete the roles information in the form of URL.
- ③ Roles Management: The System Administrator may register, inquire, update and delete the roles information to grant the accessible URLs to the registered authority.
- ④ Roles Hierarchy Management: The System Administrator may register, update and delete the hierarchy of roles.
- ⑤ Authority Management: The System Administrator may grant / deprive of authority to / from users.

- Authority: Accessibility classification applied to users (e.g. ROLE_ADMIN, ROLE_BATCHMASTER)
- Role: The URL having specific purposes for the authority to remain valid (A URL may comprise multiple sub-URLs that shares certain portion of strings)

You can grant an authority to the specific role to access the URL you need.

Sources

Type	Title	Remark
Controller	egovframework.com.sec.ram.web.EgovAuthorManageController.java	Controller Class for authorities management
Service	egovframework.com.sec.ram.service.EgovAuthorManageService.java	Service Class for authorities management
ServiceImpl	egovframework.com.sec.ram.service.impl.EgovUserManageServiceImpl.java	Service Class for authorities management
VO	egovframework.com.sec.ram.service.UserManageVO.java	VO Class for authorities management
VO	egovframework.com.cmm.ComDefaultVO.java	VO Class for retrieval
DAO	egovframework.com.sec.ram.service.impl.UserManageDAO.java	DAO Class for authorities management
JSP	/WEB-INF/jsp/egovframework/com/sec/ram/EgovAuthorManage.jsp	Reference page for authorities management
JSP	/WEB-INF/jsp/egovframework/com/sec/ram/EgovAuthorInsert.jsp	Reference page for authorities management
JSP	/WEB-INF/jsp/egovframework/com/sec/ram/EgovAuthorUpdate.jsp	Update page for authorities management
QUERY		Query XML for authorities management
XML	/egovframework/sqlmap/com/sec/ram/EgovAuthorManage_SQL_Mysql.xml	in MySQL
QUERY		Query XML for authorities management
XML	/egovframework/sqlmap/com/sec/ram/EgovAuthorManage_SQL_Oracle.xml	

QUERY XML	/egovframework/sqlmap/com/sec/ram/EgovAuthorManage_SQL_Tibero.xml	in Oracle Query XML for authorities management in Tibero
QUERY XML	/egovframework/sqlmap/com/sec/ram/EgovAuthorManage_SQL_Altibase.xml	Query XML for authorities management in Altibase
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Message properties for authorities management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Idgen XML for authorities management

Tables

Title	Table	Remark
	TN_AUTHORINFO	Administers authorities information

Views

Authorities View

Action	URL	Controller method	QueryID
Search authorities management	/sec/ram/EgovAuthorList.do	selectAuthorList	“authorManageDAO.selectAuthorList”
Call authorities management view	/sec/ram/EgovAuthorInsertView.do	insertAuthorView	N/A
Delete authorities management	/sec/ram/EgovAuthorListDelete.do	deleteAuthorList	“authorManageDAO.deleteAuthor”
In-depth reference page for authorities management	/sec/ram/EgovAuthor.do	selectAuthor	“authorManageDAO.selectAuthor”
View the roles information for authorities management	/sec/ram/EgovAuthorRoleList.do	selectAuthorRoleList	“authorRoleManageDAO.selectAuthorRoleList”

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④ 등록 ⑤ 삭제

⑤	권한ID	권한명	설명	등록일시	권한-로딩
⑥	ROLE_ADMIN ⑧	관리자	설명 테스트	2012-10-10 21:14:38	⑦
	ROLE_ANONYMOUS	모든 사용자		2012-10-10 21:14:38	
	ROLE_BATCHMASTER	배치관리자		2012-10-10 21:14:38	
	ROLE_USER	일반 사용자		2012-10-10 21:14:38	

- List Inquiry
 - Choose Search Condition ①.
 - Input Keyword ②.
 - Click on Search ③ to activate your search.
- Move to Registration View
 - Click on Registration ④.
- Delete authorities
 - Select all the authorities (click on ⑤) or the desired knowledge (⑥) that you want to keep confidential.
 - Click on Select ⑤ to delete the concerned authorities.
 - ※ You may not delete ROLE_ADMIN.
- Move on to the authority roles view
 - Click on the authority roles information ⑦ to move on to the authority.
- Update authorities and move on to detailed view
 - Click on the authority ID ⑧ to move on to the detailed view.

Authority Registration View

Action	URL	Controller method	QueryID
Call authorities management Register	/sec/ram/EgovAuthorList.do	selectAuthorList	“authorManageDAO.select AuthorList”
authorities Search redundant	/sec/ram/EgovAuthorInsert.do	insertAuthor	“authorManageDAO.insert Author”
authorityv codes	/sec/ram/EgovCodeDplctCnfirmView.do	checkCodeDplct	N/A

권한 관리 > 등록

① 목록 ② 등록

✓ 권한코드	③	④ (중복 권한코드 검색)
✓ 권한명	⑤	
설명		

- Registering authorities
 - Click on Search Redundant Authority Code ④ to check redundancy and input Authority Code ③.
 - Input the Title of Authority ⑤.

- Cancel registration
 - Click on List ① to suspend registration and move on to the authority view.

Authority Update and Inquiry View

Action	URL	Controller method	QueryID
Call authorities management	/sec/ram/EgovAuthorList.do	selectAuthorList	“authorManageDAO.selectAuthorList”
Update authorities management	/sec/ram/EgovAuthorUpdate.do	updateAuthor	“authorManageDAO.updateAuthor”
Delete authorities management	/sec/ram/EgovAuthorDelete.do	deleteAuthor	“authorManageDAO.deleteAuthor”

권한 관리

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② 수정

③ 삭제

권한코드

ROLE_ADMIN

권한명

관리자 ④

설명

설명 테스트

등록일자

2012-10-10 21:14:38.0

- Update authorities
 - Update the Title of Authority ④.
 - Click on Update (②) to submit the request.
- Delete authorities
 - Click on Delete ③ to delete the concerned authorities.
 - Roles assigned are to be deleted when the authority assigned is removed.
- Canceling Update
 - Click on List ① to suspend update and move on to the authority view.

List of Roles

Action	URL	Controller method	QueryID
Search roles administration	/sec/rmt/EgovRoleList.do	selectRoleList	“roleManageDAO.select RoleList”
Move on to roles management view	/sec/rmt/EgovRoleInsertView.do	insertRoleView	N/A
Delete roles administration	/sec/rmt/EgovRoleListDelete.do	deleteRoleList	“roleManageDAO.delete Role”
View roles information detail	/sec/rmt/EgovRole.do	selectRole	“roleManageDAO.select Role”

롤 관리 > 목록

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⑥ <input type="checkbox"/>	롤 ID	롤 명	롤 타입	롤 Sort	롤 설명	등록일자
⑦ <input type="checkbox"/>	web-000022 ⑧	사용자관리	URL	1	사용자관리	2012-10-10 22:00:00.0
<input type="checkbox"/>	web-000001	로그인롤	URL	1	로그인허용을 위한 롤	2012-10-10 21:59:59.0
<input type="checkbox"/>	web-000002	좌측메뉴	URL	2	좌측 메뉴에 대한 접근 제한 롤	2012-10-10 21:59:59.0
<input type="checkbox"/>	web-000003	모든접근제한	URL	999	모든자원에 대한 접근 제한 롤	2012-10-10 21:59:59.0
<input type="checkbox"/>	web-000004	회원관리	URL	3	회원관리에 대한 접근 제한 롤	2012-10-10 21:59:59.0
<input type="checkbox"/>	web-000011	메인화면 및 회원가입	URL	10	메인화면 및 회원가입에 대한 접근 제한 롤	2012-10-10 21:59:59.0
<input type="checkbox"/>	web-000012	회원가입시 유효성검사	URL	11	회원가입시 유효성 검사	2012-10-10 21:59:59.0
<input type="checkbox"/>	web-000020	심의관리	URL	12	심의관리	2012-10-10 21:59:59.0
<input type="checkbox"/>	web-000021	배치정보관리	URL	13	배치정보관리	2012-10-10 21:59:59.0

- List Inquiry
 1. Choose Search Condition ①.
 2. Input Keyword ②.
 3. Click on Search ⑤ to activate your search.
- Move to Registration View
 1. Click on Registration ④.
- Delete authorities
 1. Select all the roles (click on ⑥) or the desired role (⑦) that you want to keep confidential.
 2. Click on Delete ⑤ to delete the concerned authorities.
 3. ※ You may not delete roles assigned to ROLE_ADMIN.
- Move on to detailed view
 1. Click on the Role ID (⑧) to move on.

Roles View

Action	URL	Controller method	QueryID
View roles list	/sec/rmt/EgovRoleList.do	selectRoleList	“roleManageDAO.selectRoleList”
Register roles administration	/sec/rmt/EgovRoleInsert.do	insertRole	“roleManageDAO.insertRole”
Title	Description		
Log-in	Log-in Access Restriction		
Menu Left	Access Restriction against Menu Left and Menu Top		
All Access Restriction	All Access Restriction (Administrator Only)		
Membership			
Administration	Access Restriction in Membership Administration		
Main Menu and Sign-in	Access Restriction in Main Menu and Signing-in		
Validity Check for Sign-in	Access Restriction in Validity Check for Sign-in		
How to manage Batch			
Screening	Access Restriction in Batch Screening		
How to manage Batch			
Information	Access Restriction in Batch Information Menu		
How to manage Users	Access Restriction in Administrator Menu		
Batch Operations	Access Restriction in Batch Operations Menu		

Job History Administration	Access Restriction in Job History Administration, permitting the authorized users to access the job history
Job Knowledges	Access Restriction in Job Knowledges Menu
Job Screening Menu Access	Access Restriction in Job Screening Menu Access, permitting the authorized users to access the job history
Batch Screening Menu Access	Access Restriction in Batch Screening Menu Access, permitting the authorized users to access the job history
Users	Access Restriction against files attached, calendar, comment, etc. permitting the authorized users to access
Job Result Inquiry	Access Restriction in Job Result Inquiry, permitting the authorized users to access the job history
Job Result List Inquiry	Access Restriction in Job Result List Inquiry, permitting the authorized users to access the job history
User Information Inquiry	Access Restriction to view the private information of user and batch operator
Receiver Information Inquiry	Access Restriction against User List Pop-up that Batch Operators should use (You must have an administrator's account to access User Administration Menu)

[> 롤 관리](#)

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① 목록 ② 등록

✓ 롤 명	③ <input type="text"/>
✓ 롤 패턴	④ <input type="text"/>
설명	<input type="text"/>
✓ 롤 타입	⑤ METHOD <input type="text"/>
✓ 롤 Sort	⑥ <input type="text"/>

- Register roles
 - Input Title of Roles ③.
 - Input Pattern of Roles ④.
 - Input patterns in Java Regular Expression. (e.g. \A/bopr/uam/EgovUserManagePopUp.do.*\Z . See the roles example for more information)
 - Check the pattern input is properly made in case of access error (e.g. \A/bopr/uam/EgovUserManagePopUp.do.*→error discovered. You need to put \\ instead of \ if error occurs.)
 - Input Type of Role ⑤.
 - Choose URL for Type of Role.
 - Input Sort of Role ⑥.
 - Sort of Role refers to the sequence of role check. Put the priority by referring to the roles list.
 - Click on Registration (②) to submit the request.
- Cancel registration
 - Click on List ① to cancel registration and return back to the roles list.

Roles Update and Inquiry View

Action	URL	Controller method	QueryID
View roles list	/sec/rmt/EgovRoleList.do	selectRoleList	“roleManageDAO.selectRoleList”
Update roles administration	/sec/rmt/EgovRoleUpdate.do	updateRole	“roleManageDAO.updateRole”
Delete roles administration	/sec/rmt/EgovRoleDelete.do	deleteRole	“roleManageDAO.deleteRole”

롤 관리 > 수정

① 목록
② 수정
③ 삭제

✓ 롤 코드	web-000022
✓ 롤 명	④ 사용자관리
✓ 롤 패턴	⑤ **A/bopr/uam/.**W.do.**WZ
설명	사용자관리
✓ 롤 타입	⑥ URL
✓ 롤 Sort	⑦ 1
등록일시	2012-10-10 22:00:00.0

- Update roles
 1. Input Title of Role ④.
 2. Input Pattern of Role ⑤.
 3. Input Type of Role ⑥.
 4. Input Sort of Role ⑦.
 5. Click on Registration (②) to submit the request.
- Canceling Update
 1. Click on List ① to cancel update and return back to the roles list.
- Delete authorities
 1. Click on Delete ③ to delete the concerned authorities.
 2. ※ You may not delete roles assigned to ROLE_ADMIN.

Roles Hierarchy Administration View

Action	URL	Controller method	QueryID
Register roles hierarchy management	/sec/rmt/EgovRoleHierarchyInsert.do	insertAuthor	“roleHierarchyManageDAO.ins ertRoleHierarchy”

롤 상하관계 관리 > 롤 상하관계 관리

① 등록

상위 롤	하위 롤
IS_AUTHENTICATED_REMEMBERED	IS_AUTHENTICATED_ANONYMOUSLY
ROLE_RESTRICTED	IS_AUTHENTICATED_FULLY
IS_AUTHENTICATED_FULLY	IS_AUTHENTICATED_REMEMBERED
IS_AUTHENTICATED_ANONYMOUSLY	ROLE_ANONYMOUS
ROLE_ADMIN	ROLE_BATCHMASTER
ROLE_USER	ROLE_RESTRICTED
ROLE_USERMASTER	ROLE_USER
ROLE_ADMIN	ROLE_USERMASTER

1

✓ 상위 롤	② IS_AUTHENTICATED_ANONYMOUSLY
✓ 하위 롤	③ 상하관계를 등록할 새 권한이 없음

- Register roles hierarchy
 1. Choose Superior Role ②.

2. Choose Inferior Role ③.
3. Click on Registration ①.
4. You may grant proper accesses to roles hierarchically assigned.
5. Roles with no hierarchy assigned allows no accesses save for ROLE_ADMIN.

Authority Management View

Action	URL	Controller method	QueryID
Search authority managemen t	/sec/rgm/EgovAuthorGroupList.do	selectAuthorGroupList	“authorGroupDAO.selectAuthorGroupList”
Register authority managemen t	/sec/rgm/EgovAuthorGroupInsert.do	insertAuthorGroup	“authorGroupDAO.insertAuthorGroup”
Delete authority managemen t	/sec/rgm/EgovAuthorGroupDelete.do	deleteAuthorGroup	“authorGroupDAO.deleteAuthorGroup”

▶ 권한부여 관리

①

검색조건선택

▼

②

검색조건을 선택하세요

③

검색

④

등록

⑤

삭제

⑥	사용자 ID	사용자 명	권한	등록 여부
⑦	admin	관리자	⑧ 관리자	Y
	cvbncbvn	cvbncbvn	익명 사용자	N
	infomaster	배치정보관리자	일반 사용자	Y
	qwer	test	관리자	Y
	qwerqwer	qwerqwer	관리자	Y
	qwqw	qwqw	관리자	Y
	test	test	익명 사용자	N
	test101201	Ds	모든 사용자	Y
	test1234	테스터	익명 사용자	N
	ZXCVCZXCVC	ZXCVCZXCVC	관리자	Y

1

- List Inquiry
 1. Choose Search Condition ①.
 2. Input Keyword ②.
 3. Click on Search ⑤ to activate your search.
- Grant authorities
 1. Check the desired ID you want to grant authorities ⑦. (Click ⑥ to select all)
 2. Choose the authority ⑧ you want to grant.
 3. Click on Registration ④.
 4. You may grant multiple authorities concurrently.
- Delete authorities
 1. Check the desired ID from which you want to delete authorities ⑦. (Click ⑥ to select all)
 2. Click on Delete ⑤ to delete the concerned authorities.

3. The ID will now have no authorities and be marked 'N' (ID is still valid).