

<http://www.egovframe.go.kr/wiki/doku.php?id=egovframework:com:v3:uss:%EC%95%BD%EB%8F%84%EA%B4%80%EB%A6%AC>

Map Management

Outline

Saves and manages map information

Description

Sources

Type	Title	Remark
Controller	egovframework.com.uss.ion.rmm.web.EgovRoughMapController.java	Controller class for map management
Service	egovframework.com.uss.ion.rmm.service.EgovRoughMapService.java	Service Interface for map management
ServiceImpl	egovframework.com.uss.ion.rmm.service.impl.EgovRoughMapServiceImpl.java	Service implementation class for news management
VO	egovframework.com.uss.ion.rmm.service.RoughMapVO.java	VO Class for map management
VO	egovframework.com.uss.ion.rmm.service.RoughMapDefaultVO.java	SearchVO Class for map management
DAO	egovframework.com.uss.ion.rmm.service.impl.EgovRoughMapDAO.java	Data Processing Class for map management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/rmm/EgovRoughMapList.jsp	List display page for map management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/rmm/EgovRoughMapDetail.jsp	Detailed information display page for map management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/rmm/EgovRoughMapRegist.jsp	Registration page for map management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/rmm/EgovRoughMapUpdt.jsp	Modification page for map management
Query XML	resources/egovframework/sqlmap/com/uss/ion/rmm/EgovNewsManage_SQL_Mysql.xml	Query XML for MySQL used for news management(vie w, register, modify, delete).
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rule
Validator XML	resources/egovframework/validator/com/uss/ion/rmm/EgovRoughMap.xml	Validator XML for map management
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Message properties for map management
IdgenXML	resources/egovframework/spring/context-idgen.xml	Id generation IdgenXML for map management

ID Generation

DDL and DML for ID Generation

- To make use of ID Generation Services, **ROUGHMAP_ID** must be added to COMTECOPSEQ, which is a Sequence save table.

```
CREATE TABLE COMTECOPSEQ (
    table_namevarchar(16)NOTNULL,
    next_id DECIMAL(30)NOTNULL,
    PRIMARYKEY(table_name));
| INSERT INTO COMTECOPSEQ ( TABLE_NAME, NEXT_ID )VALUES('ROUGHMAP_ID', 0);
ID Generation Configuration(context-idgen.xml)
```

```
<beanname="egovRoughMapIdGnrService" class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGn
rService" destroy-method="destroy">
    <propertyname="dataSource" ref="egov.dataSource"/>
    <propertyname="strategy" ref="roumManageStrategy"/>
    <propertyname="blockSize" value="10"/>
    <propertyname="table" value="COMTECOPSEQ"/>
    <propertyname="tableName" value="ROUGHMAP_ID"/>
</bean>
<beanname="roumManageStrategy" class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStra
tegyImpl">
    <propertyname="prefix" value="RUOGPMAP_"/>
    <propertyname="cipers" value="11"/>
    <propertyname="fillChar" value="0"/>
</bean>
```

Tables

Title	Title(English)	Remarks
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Map information COMTNROUGHMAP Manages title, address, display settings for rough map

Test Method

* for an example of Rough Map management, **Daum Map API** is used. To execute the sample, the following **Api Key** must be attained.

* Daum WEB APIaddress :<http://apis.map.daum.net/web/>

* After attaining the key, input the key in the respective location(**Api key**) then execute the sample.

```
<script type="text/javascript" src="http://apis.daum.net/maps/maps3.js?apikey=Input Daum Maps API
KEY."></script>
```

```
varapikey="Input Daum Maps API KEY.;"
```

Related Functions

Representative functions of rough map management are **View Rough Map List**, **View Rough Map Details**, **Rough Map Registration**, and **Rough Map Modification**.

View Rough Map List

Business Logic

List can be viewed by search conditions. Rough Map information can be registered by clicking on the "Register" button and accessing the Rough Map registration page.

Code

N/A

Related Screen and Implementation Manual

Action	URL	Controller method	QueryID
View List	/com/uss/ion/rmm/selectRoughMapList.do	selectRoughMapList	"EgovRoughMapDAO.selectRoughMapList",
			"EgovRoughMapDAO.selectRoughMapListTotCnt"

10 rough map items will be displayed on a page, and 10 pages will be listed on the bottom of the screen. Rough maps can be search by their titles or addresses.

In order to change the search result display limit for each page, change pageUnit and pageSize of the context-properties.xml file. (Note that this will affect all shared service functions.)

순번	약도제목	약도상세주소	등록일자
1	한국정보화진흥원	서울특별시 종구 청계천로 14	2014-12-01
2	표준프레임워크 센터	서울특별시 종구 무교로6	2014-12-01

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Search: To view a rough map, select one of the search conditions on top of the screen and type in a word, then click "search."

Register: To register a rough map, use the "register" button on top of the screen to move to the **Rough Map Registration** screen.

Clicking on the list: Move to the **Rough Map Detailed Search** screen.

Rough Map Detailed Search

Business Logic

Screen displayed when the list in Rough Map Detailed Search is clicked. Shows detailed information of the rough map.

Code

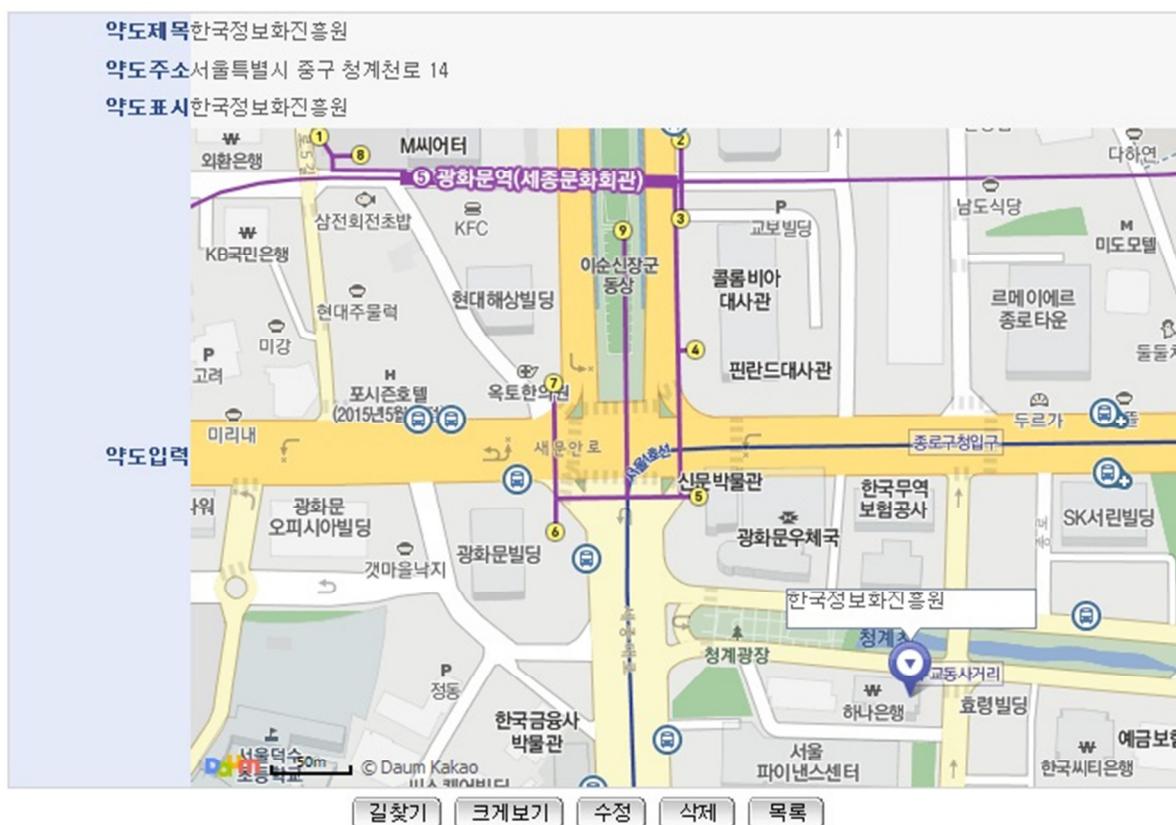
N/A

Related Screen and Implementation Manual

Action	URL	Controller method	QueryID
In-depth Reference	/com/uss/ion/rmm/selectRoughMapDetail.do	selectRoughMap	"RoughMapDAO.selectRoughMapDetail"
Delete	/com/uss/ion/rmm/deleteRoughMap.do	deleteRoughMap	"RoughMapDAO.deleteRoughMap"

Use the Rough Map Detailed Search screen to use functions such as find path, enlarge screen, modify rough map, delete rough map, and view list of rough maps.

약도 조회



Find Path : move to Daum find path screen (Destination set to location set on rough map).
Enlarge Screen : move to Daum map (map set to location set on rough map).
Modify: Click on the "modify" button to move to a screen where changes can be made to the rough map.
Delete: When the "Delete" button is clicked, a message will appear to confirm the action.
When the message is confirmed, deletion will occur.
List: Move to the **Rough Map List** screen.

Rough Map Registration

Business Logic

- * Basic information of rough maps are saved. A red asterisk on the right side of an item signifies that the item must be filled.
- * click on the map to label key locations. The address of the selected location will be displayed on the rough map address slot.
- * For address entry, the lowest level to be provided is the name town(dong). Streetname based address is not supported(use coordinates → address conversion function in API).

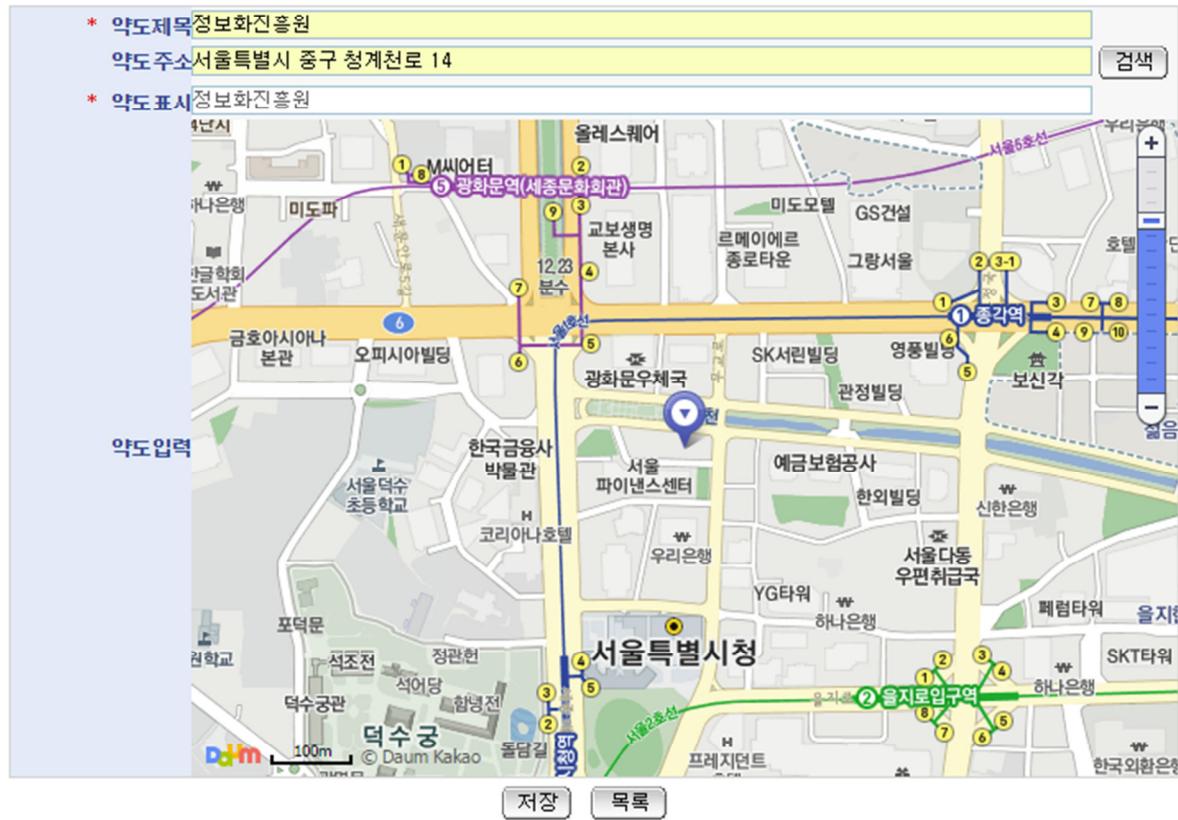
Code

N/A

Related Screen and Implementation Manual

Action	URL	Controller method	QueryID
Registration Screen	/com/uss/ion/rmm/registRoughMap.do	goRoughMapRegist	
Register	/com/uss/ion/rmm/insertRoughMap.do	insertRoughMap	“RoughMapDAO.insertRoughMap”

❸ 약도 등록



Click on the map to label key locations on a map. Click and drag to adjust the map display.

Search: Move to the location of the address provided

Save: The rough map entry will be saved.

List: Move to the **Rough Map List** screen.

Rough Map Modification

Business Logic

* Rough map entry will be modified. A red asterisk on the right side of an item signifies that the item must be filled.

* click on the map to label key locations. The address of the selected location will be displayed on the rough map address slot.

* For address entry, the lowest level to be provided is the name town(dong). Streetname based address is not supported(use coordinates → address conversion function in API).

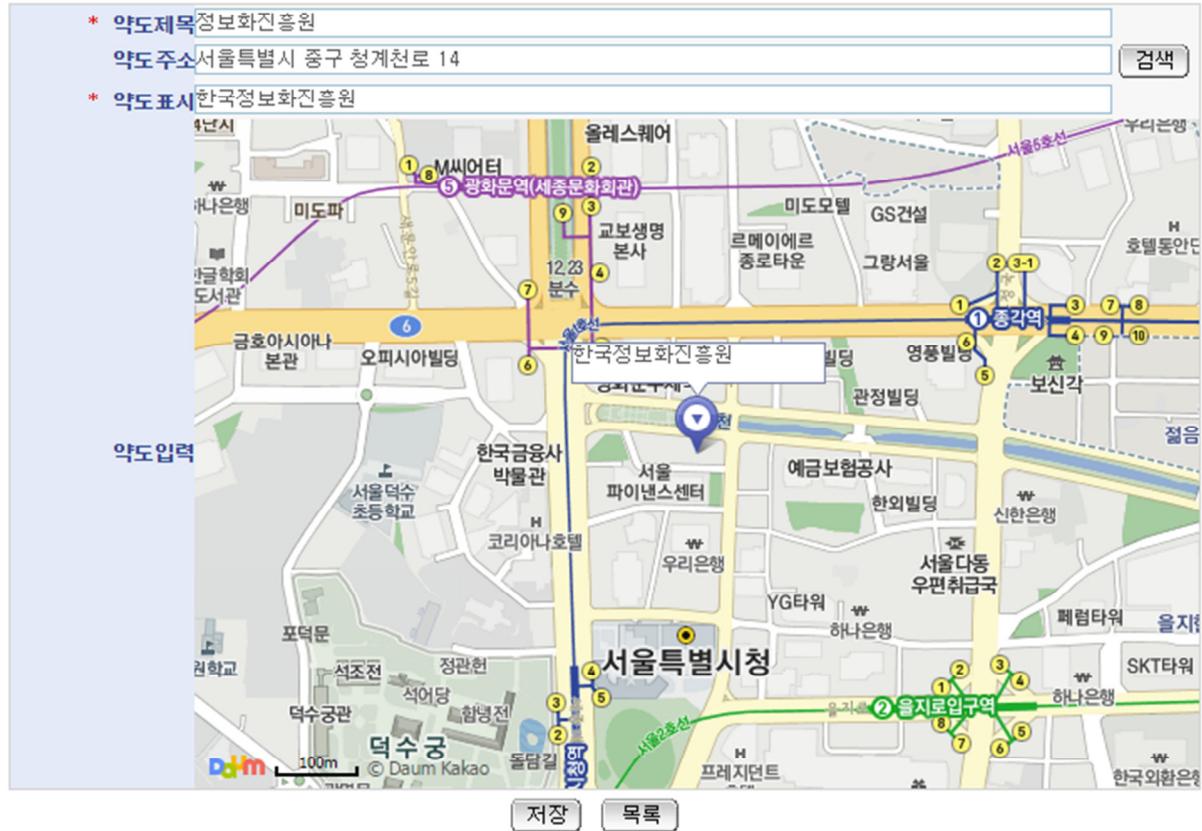
Code

N/A

Related Screen and Implementation Manual

Action	URL	Controller method	QueryID
Modification Screen /com/uss/ion/rmm/updateRoughMapView. do	/com/uss/ion/rmm/updateRoughMapView. do	goRoughMapViewUpdt	"RoughMapDAO.selectRoughMapDetail"
Update	/com/uss/ion/rmm/updateRoughMap.do	updateRoughMap	"RoughMapDAO.updateRoughMap"

④ 약도 수정



Search: Move to the location of the address provided

Modify: The rough map modification will be saved.

List: Move to the **Rough Map List** screen.