

## Main Image Management

### Summary

**Main image management** provides the function to register image on the main screen and to print out the registered image on the main screen.

### Description

**Main image management** accompanies functions to **register, update, delete, inquire and inquire the list** of main image for the purpose of registering the main image and reflecting it in the main screen.

- ① Main image list inquiry: inquire information defined as main image in the order of recent registration and reflect the result list on the screen.
- ② Register main image: register main image information and view the registration result
- ③ Update main image: update the item of main image information already registered.
- ④ Delete main image: delete main image information already registered.
- ⑤ Main image inquiry: registered main image is expressed in the main screen.

### Package Dependency

Main image management Package has direct functional dependency to the common package (cmm) of element technology only.

- Package dependency: [User Support Package Dependency](#)

### Related Source

Type	Source	Remarks
Controller	egovframework.com.uss.ion.msi.web.EgovMainImageController.java	Controller class for main image management
Service	egovframework.com.uss.ion.msi.service.EgovMainImageService.java	Service interface for main image management
ServiceImpl	egovframework.com.uss.ion.msi.service.impl.EgovMainImageServiceImpl.java	Service implementation class for main image management
Model	egovframework.com.uss.ion.msi.service.MainImage.java	Model class for main image management
VO	egovframework.com.uss.ion.msi.service.MainImageVO.java	VO class for main image management
DAO	egovframework.com.uss.ion.msi.service.impl.MainImageDAO.java	Data processing class for main image management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/msi/EgovMainImageList.jsp	jsp page for main image list inquiry
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/msi/EgovMainImageRegist.jsp	jsp page for main image registration
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/msi/EgovMainImageUpdt.jsp	jsp page for main image update
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/msi/EgovMainImageView.jsp	jsp page for registered main image reflection
QUERY	resources/egovframework/sqlmap/com/uss/ion/msi/EgovMainImag	MySQL based QUERY

XML	e_SQL_Mysql.xml	XML for main image
QUERY XML	resources/egovframework/sqlmap/com/uss/ion/msi/EgovMainImage_SQL_Oracle.xml	Oracle based QUERY XML for main image
QUERY XML	resources/egovframework/sqlmap/com/uss/ion/msi/EgovMainImage_SQL_Tibero.xml	Tibero based QUERY XML for main image
QUERY XML	resources/egovframework/sqlmap/com/uss/ion/msi/EgovMainImage_SQL_Altibase.xml	Altibase based QUERY XML for main image
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rule
Validator XML	resources/egovframework/validator/com/uss/ion/msi/EgovMainImage.xml	Validator XML for main image management
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Message properties for main image management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Id generation Idgen XML for main image registration

## Class Diagram



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

## ID Generation Configuration(context-idgen.xml)

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

<bean name="mainImageIdStrategy"
  class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="MSI_" />
  <property name="cipers" value="16" />
  <property name="fillChar" value="0" />
</bean>
```

## Related Table

Table Name	Table Name (English)	Remarks
Main Image	COMTNMAINIMAGE	Register image for main screen and manage the property information for providing the function of displaying registered image on the main screen.

## Related Function

Main image management function is composed of **main image list inquiry**, **main image registration**, **main image update**.

### Main image list inquiry

#### Business Rule

Main image list is inquired by 10 items per page. The paging consists of 10 pages. The condition of search is implemented by the role image name.

#### Related Codes

N/A

#### Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/uss/ion/msi/selectMainImageList.do	selectMainImageList	"mainImageDAO.selectMainImageList",
			"mainImageDAO.selectMainImageListTotCnt"

이미지 명	이미지	이미지설명	반영여부
행정안전부	행안부.gif	행정안전부 메인 이미지	Y

Inquiry: inquire the list of main image registered.

Register: to register new main image, move to **Register Main Image** screen through the Register button on the top.

### Main Image Registration

#### Business Rule

Enter and register property information of main image.

#### Related Codes

N/A

#### Screen and execution manual

Action	URL	Controller method	QueryID
Registration screen	/uss/ion/msi/addViewMainImage.do	insertViewMainImage	
Registration	/uss/ion/msi/addMainImage.do	insertMainImage	"mainImageDAO.insertMainImage"

이미지ID *	<input type="text"/>
이미지명 *	<input type="text"/>
이미지 *	<input type="button" value="파일 선택"/> <input type="text" value="선택된 파일 없음"/>
이미지설명	<input type="text"/>
반영여부 *	<input type="text" value="Y"/>
등록일시	<input type="text"/>

List: move to the main image list inquiry screen.

Register: to register new main image, enter the main image property and then register group through the **Register button** on the top.

### Main Image Update

#### Business Rule

Change and save the property information of main image.

## Related Codes

N/A

## Screen and execution manual

Action	URL	Controller method	QueryID
Detail inquiry	/uss/ion/msi/getMainImage.do	selectMainImage	"mainImageDAO.selectMainImage"
Update	/uss/ion/msi/updtMainImage.do	updateMainImage	"mainImageDAO.updateMainImage"
Deletion	/uss/ion/msi/removeMainImageList.do	deleteMainImage	"mainImageDAO.deleteMainImage"

Following screen is the same as the main image detail inquiry screen.

### 메인화면이미지 수정

이미지ID *	<input type="text" value="MSI_00000000000000013"/>
이미지명 *	<input type="text" value="행정안전부"/>
이미지 *	<input type="button" value="파일 선택"/> <input type="button" value="선택된 파일 없음"/> <input type="text" value="행안부.gif"/>
이미지설명	<input type="text" value="행정안전부 메인 이미지"/>
반영여부 *	<input type="text" value="Y"/>
등록일시	<input type="text" value="2009-09-29 15:05:15.0"/>

List: move to the main image list inquiry screen.

Register: update the main image property already registered, and update the main image information through the **Update button** on the top.

Delete: delete the main image information already registered.