

# [[egovframework:mcom:mms service connection v2.0]]

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## System/Service Connection - MMS service connection v2.0

### Summary

MMS Service connection is a component interfaced from the mobile MMS service that M-Gov (<http://www.mgov.go.kr>) of National Computing and Information Agency (NCIA) at the Ministry of Public Administration and Security (MOPAS) provides for government agency.

The actual messages are transferred and its results are returned by the API provide by NCIA's M-Gov (<http://www.mgov.go.kr>). This component only delivers user inputs and handles the returned results. It allows long messages, images, videos and ring sounds to be transmitted.

This component allows the user to send MMS and the administrator to manage MMS attachments and transmission results.

※ This component has reduced the prior environment setup, it versioned up from v1.0 to v2.0. Using v2.0 is recommended.

※ This guide introduces only changed items while versioning up from v1.0 to v2.0. For common items, refer to [mmservice connection v1.0](#) guide.

### Prerequisites

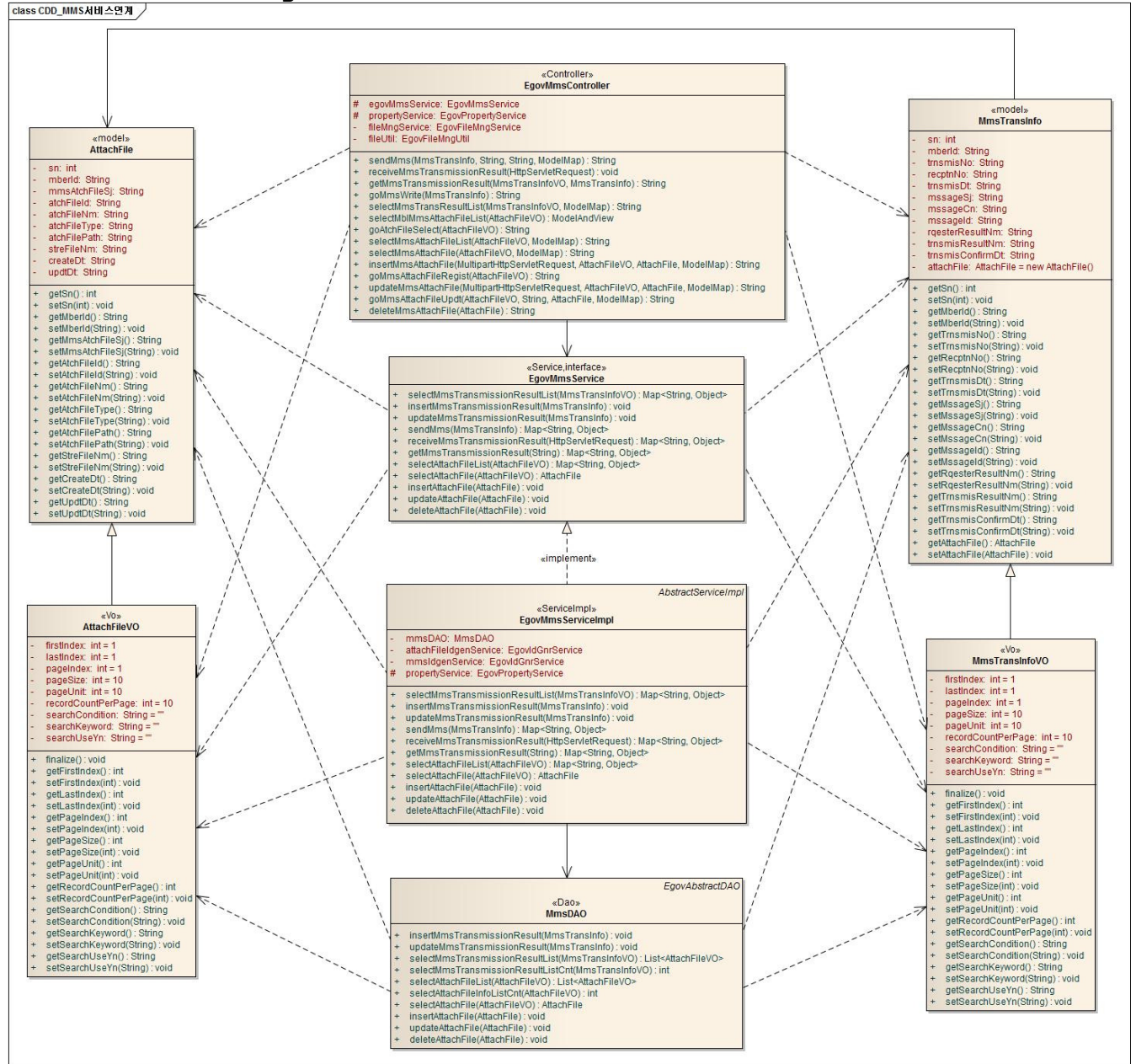
Refer to [mmservice connection v1.0](#) .

### Description

Mobile MMS service is composed of MMS attachment management function (**MMS attachment list inquiry, detail inquiry, registration, modification and deletion**) and

MMS transmission management function (**MMS transmission results list inquiry**) and MMS transmission function. (refer to the Related functions)

**Class diagram**



**Related sources**

Types	Source names	Notes
Controller	egovframework.mbl.com.mms.web.EgovMmsController.java	MMS Controller Class
Service	egovframework.mbl.com.mms.service.EgovMmsService.java	MMS Service Class
ServiceImpl	egovframework.mbl.com.mms.service.impl.EgovMmsServiceImpl.java	MMS ServiceImpl Class
Model	egovframework.mbl.com.mms.service.MmsTransInfo.java	MMS

		transmission information Model Class
Model	egovframework.mbl.com.mms.service.AttachFile.java	Attachment file Model Class
VO	egovframework.mbl.com.mms.service.MmsTransInfoVO.java	MMS transmission information VO Class
VO	egovframework.mbl.com.mms.service.AttachFileVO.java	Attachment file VO Class
DAO	egovframework.mbl.com.mms.service.impl.MmsDAO.java	MMS Dao Class
JSP	/WEB-INF/jsp/egovframework/mbl/com/mms/EgovMmsAttachFileList.jsp	Attachment file list inquiry page
JSP	/WEB-INF/jsp/egovframework/mbl/com/mms/EgovMmsAttachFileRegist.jsp	Attachment file registration page
JSP	/WEB-INF/jsp/egovframework/mbl/com/mms/EgovMmsAttachFileUpdt.jsp	Attachment file modification page
JSP	/WEB-INF/jsp/egovframework/mbl/com/mms/EgovMmsAttachFileDetail.jsp	Attachment file detail inquiry page
JSP	/WEB-INF/jsp/egovframework/mbl/com/mms/EgovMmsTransResultList.jsp	MMS transmission results list inquiry page
JSP	/WEB-INF/jsp/egovframework/mbl/com/mms/EgovMobileMmsRegist.jsp	Mobile MMS transmission page
JSP	/WEB-INF/jsp/egovframework/mbl/com/mms/EgovMobileAttachFileList.jsp	Mobile Attachment file inquiry page
QUERY XML	resources/egovframework/sqlmap/mbl/com/mms/EgovMms_SQL_XXX.xml	MMS QUERY XML
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML that defines Validator Rule
Validator XML	resources/egovframework/validator/mbl/com/mms/EgovMms.xml	MMS Validator XML
Message	resources/egovframework/message/message-common_ko_KR.properties	MMS

properties		Message properties
Idgen XML	resources/egovframework/spring/com/context-idgen.xml	MMS transmission results Id, Attachment file Id Generation Idgen XML

### **ID Generation**

Refer to [mmsservice connection v1.0](#) guide.

### **Related tables**

Refer to [mmsservice connection v1.0](#) guide.

### **Login/membership management/permission management**

Refer to [mmsservice connection v1.0](#) guide.

## **Settings and Notes**

\* The currently distributed mobile common component adopts HTML5 and CSS3 and this means that it doesn't support the standards for mobile web site validity check of Mobile OK and W3C. For details on correct validity check, please contact the competent professional institute.

\* Security verification is under progress on the currently distributed mobile component. We plan to complete security verification as soon as possible to release a new security-patched version.

## **Environmental settings**

The followings are the required items and environmental settings to use MMS service connection.

- Property files settings (egovframework/egovProps/conf/mms.properties)

```
#-----
#
# mms.properties : Config file that shows MMS connection information
#
#-----
# 1. key = value structure.
# 2. Key values cannot include space. Value can include space
# 3. Key values cannot include Korean, Value can include Korean
# 4. If a new line is needed, add '\ ' to the end of the line (if you have to use '\', then use '\\'.)
# 5. In Windows, the directory symbol should be: '\\ ' or '/' (do not use '\\'.)
# 6. Directory symbol in Unix : '/'
# 7. For comments, use #
# 8. If there is space after values, an error could occur when referenced by sublets. Use trim() or set the properties values without space.
#-----
```

```
# MMS connection information
mmsPort = 13000(or 14000)
mmsHost = M-Gov G/W IP
mmsId = authentication ID
mmsPassword = Authentication password
```

In above, enter information in mmsHost based on M-Gov guide and enter the issued authentication information in mmsId and mmsPassword.  
For mmsPort, use port 14000 for development test and port 13000 for actual service.  
(when using port 14000, messages are not transmitted to users, but M-Gov Gateway Server returns result value to the transmission requester.)  
To use this component, the following libraries are required and these libraries are added to classpath.

```
activation.jar
commons-codec-1.3.jar
commons-httpclient-3.1-alpha1.jar
commons-logging-1.0.4.jar
dom.jar
log4j-1.2.9.jar
mail.jar
mose-api-1.5.1.jar
saaj-api.jar
saaj-impl.jar
soap.jar
xalan.jar
xercesImpl.jar
```

You can download the above libraries from M-Gov (<http://www.mgov.go.kr>).  
(M-Gov home > Service Introduction > FAQ > No.6 QUESTION)

## Related functions

Refer to [mmsservice connection v1.0](#) guide..

## References

- Refer to the execution environment: [ID Generation Service](#)
- Refer to the common component: [File Manage Service](#)
- Distribution and test: [Mobile Common Component System](#) and [distribtuion package plan](#)
- Related database structure and schema: [related database structure and schema](#)

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