

Connection message management

Summary

This performs the function of registering and managing the information for **connection message**, **connection message item**, and **connection service**.

Description

Package Dependency

Connection message 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 the connection agency management, system connection management, connection status management, and calendar package in accordance with the dependency between packages.

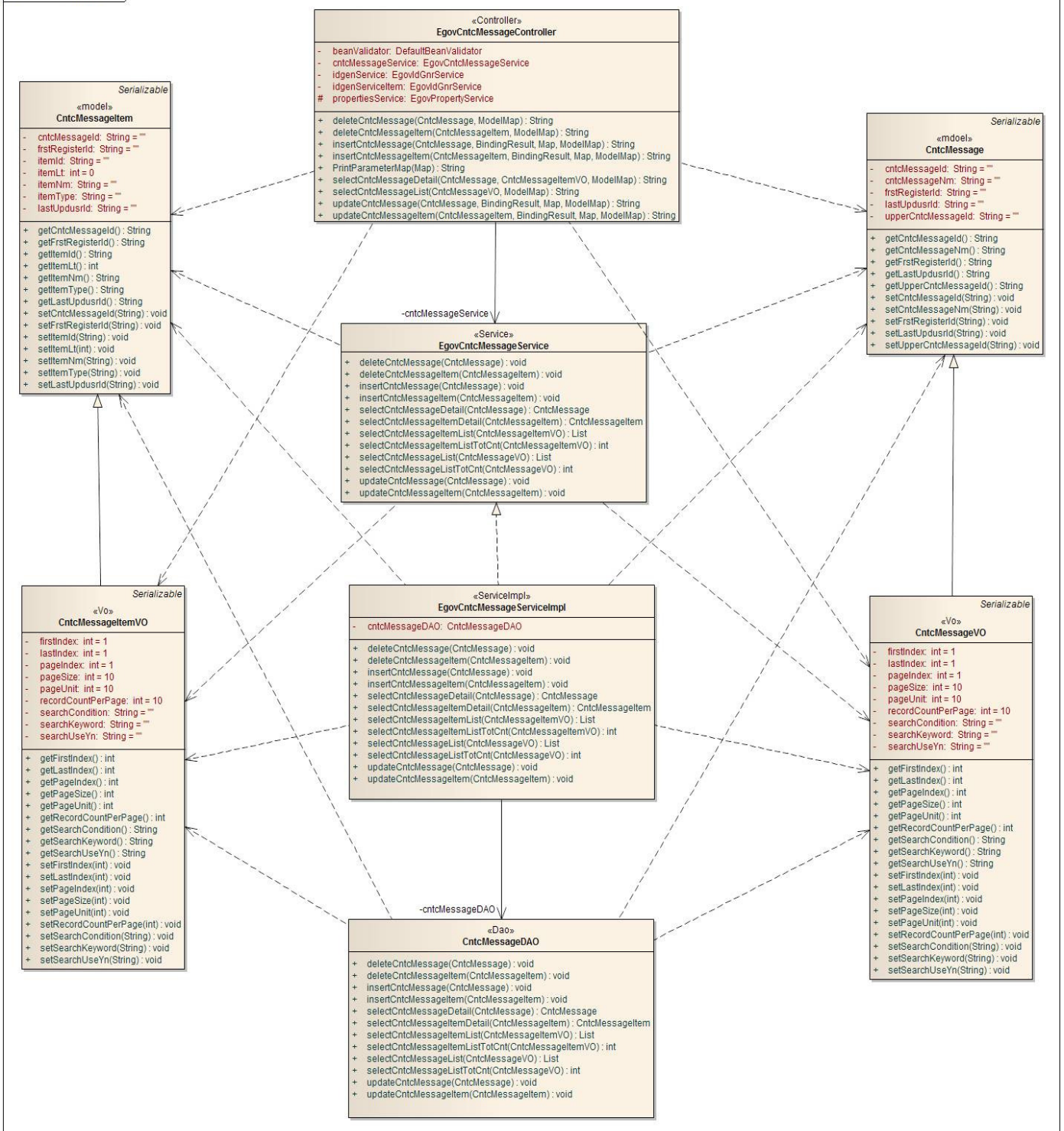
- Dependency between packages: [System management Dependency](#)

Related Source

Type	Name of Corresponded Source	Remarks
Controller	egovframework.com.ssi.syi.ims.web.EgovCntcMessageController.java	Controller class for connection message management
Service	egovframework.com.ssi.syi.ims.service.EgovCntcMessageService.java	Service interface for connection message management
ServiceImpl	egovframework.com.ssi.syi.ims.service.impl.EgovCntcMessageServiceImpl.java	Service implementation class for connection message management
Model	egovframework.com.ssi.syi.ims.service.CntcMessage.java	Model class for connection message information
Model	egovframework.com.ssi.syi.ims.service.CntcMessageItem.java	Model class for connection message item information
VO	egovframework.com.ssi.syi.ims.service.CntcMessageVO.java	VO class for connection message management
VO	egovframework.com.ssi.syi.ims.service.CntcSsystemVO.java	VO class for connection message item management
DAO	egovframework.com.ssi.syi.ims.service.impl.CntcMessageDAO.java	Data processing class for connection message information management

JSP	/WEB-INF/jsp/egovframework/com/ssi/syi/ims/EgovCntcMessageList.jsp	Page for connection message list inquiry
JSP	/WEB-INF/jsp/egovframework/com/ssi/syi/ims/EgovCntcMessageRegist.jsp	Page for connection message registration
JSP	/WEB-INF/jsp/egovframework/com/ssi/syi/ims/EgovCntcMessageItemRegist.jsp	Page for connection message item registration
JSP	/WEB-INF/jsp/egovframework/com/ssi/syi/ims/EgovCntcMessageUpdt.jsp	Page for connection message update
JSP	/WEB-INF/jsp/egovframework/com/ssi/syi/ims/EgovCntcMessageItemUpdt.jsp	Page for connection message item update
JSP	/WEB-INF/jsp/egovframework/com/ssi/syi/ims/EgovCntcMessageDetail.jsp	Page for connection message detailed inquiry
QUERY XML	resources/egovframework/sqlmap/com/ssi/syi/ims/EgovCntcMessage_SQL_Mysql.xml	QUERY XML for connection message management MySQL
QUERY XML	resources/egovframework/sqlmap/com/ssi/syi/ims/EgovCntcMessage_SQL_Oracle.xml	QUERY XML for connection message management Oracle
QUERY XML	resources/egovframework/sqlmap/com/ssi/syi/ims/EgovCntcMessage_SQL_Tibero.xml	QUERY XML for connection message management Tibero
QUERY XML	resources/egovframework/sqlmap/com/ssi/syi/ims/EgovCntcMessage_SQL_Altibase.xml	QUERY XML for connection message management Altibase
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	Validator Rule defined XML
Validator XML	resources/egovframework/validator/com/ssi/syi/ims/EgovCntcMessage.xml	Connection message management Validator XML
Idgen XML	resources/egovframework/spring/context-idgen.xml	Connection message management Id generation Idgen XML

Class Diagram



ID Generation

ID Generation related DDL & DML

- In order to utilize the ID Generation Service, the **CNTC_MESSAGE_ID**, **ITEM_ID** item shall be added to the COMTECOPSEQ which is the Sequence save table.

```

CREATE TABLE COMTECOPSEQ (
    TABLE_NAME VARCHAR(16) NOT NULL,
    NEXT_ID DECIMAL(30,0) NOT NULL,
    PRIMARY KEY (TABLE_NAME)
);

```

```

INSERT INTO COMTECOPSEQ VALUES('CNTC_MESSAGE_ID','0');
INSERT INTO COMTECOPSEQ VALUES('ITEM_ID', '0');

```

ID Generation Environment Setup (context-idgen.xml)

```
<!-- Connection message -->
<bean name="egovCntcMessageIdGnrService"
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
      destroy-method="destroy">
  <property name="dataSource" ref="egov.dataSource" />
  <property name="strategy" ref="egovCntcMessageIdMsgstrategy" />
  <property name="blockSize" value="1"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="CNTC_MESSAGE_ID"/>
</bean>
<bean name="egovCntcMessageIdMsgstrategy"
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="MSG" />
  <property name="cipers" value="17" />
  <property name="fillChar" value="0" />
</bean>

<!-- Connection message item-->
<bean name="egovCntcMessageItemIdGnrService"
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
      destroy-method="destroy">
  <property name="dataSource" ref="egov.dataSource" />
  <property name="strategy" ref="egovCntcMessageItemIdMsgstrategy" />
  <property name="blockSize" value="1"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="ITEM_ID"/>
</bean>
<bean name="egovCntcMessageItemIdMsgstrategy"
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="prefix" value="ITM" />
  <property name="cipers" value="17" />
  <property name="fillChar" value="0" />
</bean>
```

Related Table

Name of table	Name of table (English)	Remarks
Connection message	COMTNCNTCMESSAGE	Information for connection message
Connection message item	COMTNCNTCMESSAGEITEM	Information for connection message item

Related Functions

Connection message management is comprised of the **connection message list inquiry**, **connection message registration**, **connection message update**, **connection message detailed inquiry**, **connection message item registration**, and **connection message item update** functions.

Connection message list inquiry

Business Rule

Connection message 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 connection message name.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List inquiry	/ssi/syi/ims/getCntcMessageList.do	selectCntcMessageList	"CntcMessageDAO.selectCntcMessageList",
			"^CntcMessageDAO.selectCntcMessageListTotCnt^"

In the case of changing the search range per page, change the pageUnit, pageSize of context-properties.xml file. (However, corresponding setup exerts influence to the entire common service functions.)

연계메시지 목록
--선택하세요--

조회 등록

순번	연계메시지ID	연계메시지명
1	MSG000000000000000000	연계메시지명등록
2	MSG000000000000000001	연계메시지명등록2
3	MSG000000000000000002	연계메시지명 테스트 입니다.
4	MSG000000000000000003	연계 메시지 테스트
5	MSG000000000000000005	연계메시지 등록 테스트 !!!!!-T-T-T-T

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Inquiry: For inquiring, click the inquiry button after selecting the search condition at the top and inputting the corresponding search character.

Registration: For registration, move to **connection message registration** screen through the registration button at the top.

List click: Move to the **connection message detailed inquiry** screen.

Connection message registration

Business Rule

Register detailed contents for connection message. If registration is succeeded, move to the **connection message list** screen. In the case of the connection message registration, the **connection message, connection message item, connection service, connection message, and connection message item** shall be registered in advance as the precedent work.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration	/ssi/syi/ims/addCntcMessage.do	insertCntcMessage	"CntcMessageDAO.insertCntcMessage"

연계메시지 등록

연계메시지ID *	<input type="text"/>
연계메시지명 *	<input type="text"/>
상위연계메시지ID	--선택하세요--

List: Move to the **connection message list** screen.
Save: Inputted connection message information is saved.

Connection message update

Business Rule

If modification is succeeded, move to the **connection message list** screen.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update	/ssi/syi/ims/updateCntcMessage.do	updateCntcMessage	"CntcMessageDAO.updateCntcMessage"

연계메시지 수정

연계메시지ID *	MSG000000000000000000
연계메시지명 *	<input type="text" value="연계메시지명등록"/>
상위연계메시지ID	--선택하세요--

Save: Updated information is saved.
List: Move to the **connection message list** screen.

Connection message detailed Inquiry

Business Rule

Deletion processing is included in the detailed inquiry, and if deletion is succeeded, it is moved to the **connection message list** screen.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
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Detailed inquiry	/ssi/syi/ims/getCntcMessageDetail.do	selectCntcMessageDetail	"CntcMessageDAO.selectCntcMessageDetail"
Connection message deletion	/ssi/syi/ims/removeCntcMessage.do	deleteCntcMessage	"CntcMessageDAO.deleteCntcMessage"
Connection message item deletion	/ssi/syi/ims/removeCntcMessageItem.do	deleteCntcMessageItem	"CntcMessageDAO.deleteCntcMessageItem"

연계메시지 상세조회

연계메시지ID * MSG000000000000000003
연계메시지명 * 연계 메시지 테스트
상위연계메시지IDMSG000000000000000001

연계메시지항목

순번	항목ID	항목명	항목타입	항목길이	처리
1	ITM0000000000000000012	기관코드	00	20	<input type="button" value="수정"/> <input type="button" value="삭제"/>

Connection message update: When clicking the update button, it is moved to the **connection message update** screen.

Connection message deletion: When clicking the deletion button, deletion can be processed by displaying the message which confirms the state of deletion.

Connection message list: Moved to the **connection message list** screen.

Connection message item update: Moved to the **connection message item update** screen.

Connection message item deletion: When clicking the deletion button, connection message item can be deleted by displaying the message which confirms the state of deletion.

Connection message item registration

Business Rule

Register detailed contents for connection message item. If registration is succeeded, move to the **connection message details** screen. In the case of the connection message item registration, the **connection message item**, **connection message item**, **connection service**, **connection message**, and **connection message item** shall be registered in advance as the precedent work.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration	/ssi/syi/ims/addCntcMessageItem.do	insertCntcMessageItem	"CntcMessageDAO.insertCntcMessageItem"

연계메시지항목 등록

연계메시지 * 연계 메시지 테스트

항목ID *

항목명 *

항목타입

항목길이 0

List: Move to the **connection message item list** screen.
Save: Inputted connection message item information is saved.

Connection message item update

Business Rule

If modification is succeeded, it is moved to the **connection message details** screen.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update	/ssi/syi/ims/updateCntcMessageItem.do	updateCntcMessageItem	"CntcMessageDAO.updateCntcMessageItem"

연계메시지항목 수정

연계메시지 * 연계메시지명등록

항목ID * ITM00000000000000000008

항목명 * 테스트2

항목타입

항목길이 0

Save: Updated information is saved.
List: Moved to the **connection message item list** screen.

References

- Refer to the execution environment : [ID Generation Service](#)