

Legal Dong Code

Summary

Receive Legal Dong Code is composed of the function to receive and reflect the changes in **Legal Dong code** in the system regularly and to manage such changes.

Description

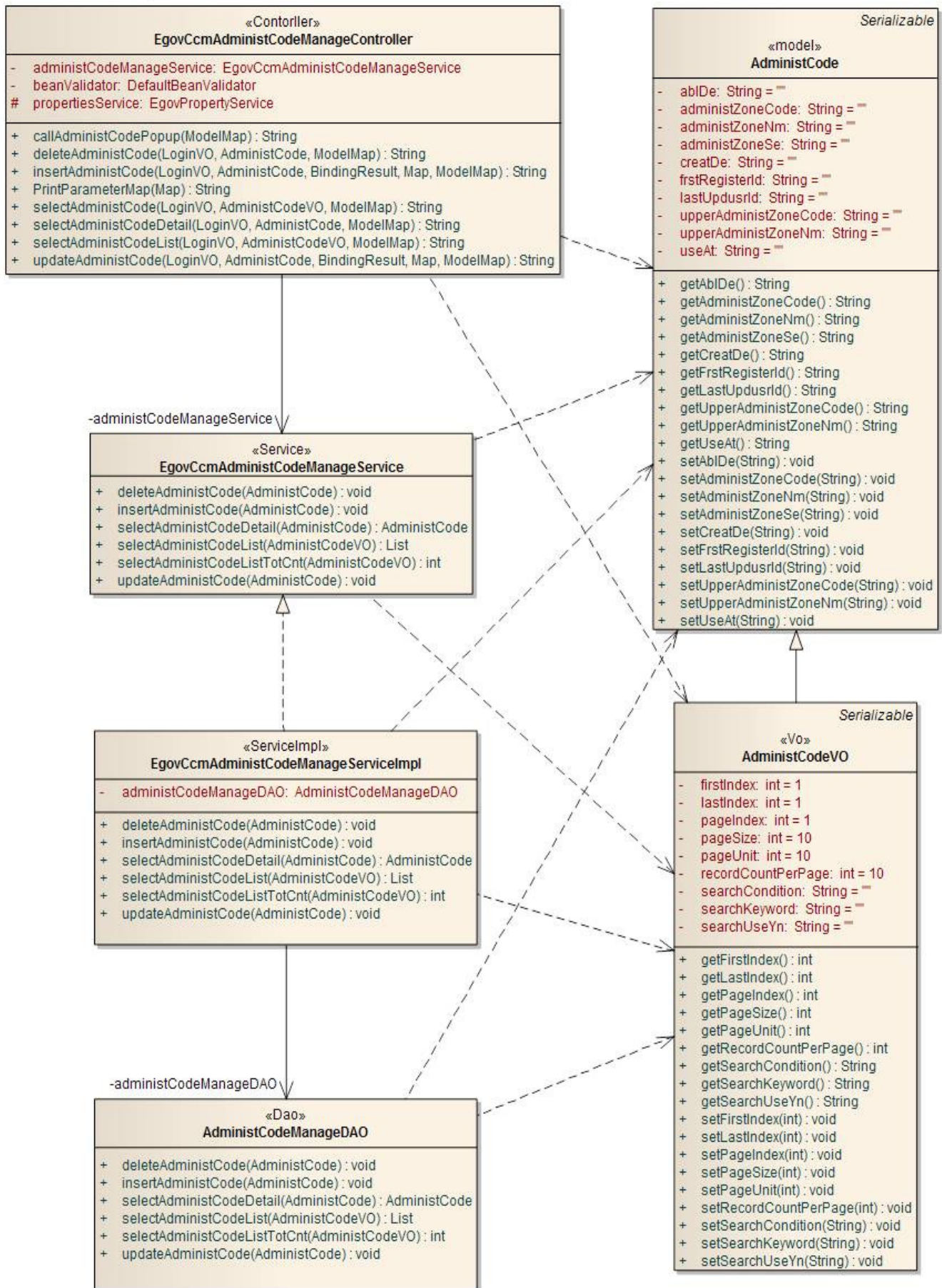
Receive Institution Code package has direct functional dependency to the common package (cmm) of element technology only.

- Package Dependency: [System Management Package Dependency](#)

Related Source

Type	Source	Remarks
Controller	egovframework.com.sym.ccm.acr.web.EgovAdministCodeRecptnController.java	Controller Class for Receive Legal Dong Code Management
Service	egovframework.com.sym.ccm.acr.service.EgovAdministCodeRecptnService.java	Service Interface for Receive Legal Dong Code Management
ServiceImpl	egovframework.com.sym.ccm.acr.service.impl.EgovAdministCodeRecptnServiceImpl.java	Service Implementation Class for Receive Legal Dong Code Management
Model	egovframework.com.sym.ccm.acr.service.AdministCodeRecptn.java	Receive Legal Dong Code Information Model Class
VO	egovframework.com.sym.ccm.acr.service.AdministCodeRecptnVO.java	VO Class for Receive Legal Dong Code Management
DAO	egovframework.com.sym.ccm.acr.service.impl.AdministCodeRecptnDAO.java	Data processing class for Receive Legal Dong Code Information Management
JSP	/WEB-INF/jsp/egovframework/sym/com/ccm/acr/EgovAdministCodeRecptnList.jsp	Receive Legal Dong Code List Inquiry Page
JSP	/WEB-INF/jsp/egovframework/sym/com/ccm/acr/EgovAdministCodeDetail.jsp	Legal Dong Code Detail Inquiry Page
QUERY XML	resources/egovframework/sqlmap/com/sym/ccm/acr/EgovAdministCodeRecptn_SQL_Mysql.xml	Legal Dong Code MySQL based QUERY XML
QUERY XML	resources/egovframework/sqlmap/com/sym/ccm/acr/EgovAdministCodeRecptn_SQL_Oracle.xml	Legal Dong Code Oracle based QUERY XML
QUERY XML	resources/egovframework/sqlmap/com/sym/ccm/acr/EgovAdministCodeRecptn_SQL_Tibero.xml	Legal Dong Code Tibero based QUERY XML
QUERY XML	resources/egovframework/sqlmap/com/sym/ccm/acr/EgovAdministCodeRecptn_SQL_Altibase.xml	Legal Dong Code Altibase based QUERY XML
Idgen XML	resources/egovframework/spring/context-idgen.xml	Legal Dong Code Id generation Idgen XML

Class Diagram



ID Generation

ID Generation Related DDL and DML

- To utilize ID Generation Service, **ADMIN_CODE_OPERT** is added to the Sequence storage table, COMTECOPSEQ.

```
CREATE TABLE COMTECOPSEQ ( table_name varchar(16) NOT NULL,
    next_id DECIMAL(30) NOT NULL,
    PRIMARY KEY (table_name));
```

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

ID Generation Conference(context-idgen.xml)

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

Related Table

Table Name	Table Name(English)	Remarks
Legal dong code	COMTCADMINISTCODE	Information on legal dong code
Legal dong code reception log	COMTCADMINISTCODERECPTNLOG	Information on legal dong code reception log

Conference

To use Receive Legal Dong Code, information required for implementing EDI should be set.

To designate this, additional property should be set to globals.properties property file.

See [Element Technology Property and Command Shell Script](#) for the contents related to globals.properties

Related Setting

...

```
# For legal dong code reception
CNTC.ADMINISTCODE.DIR.rcv      = /home/gccedi/rcv/
CNTC.ADMINISTCODE.DIR.rcvold  = /home/gccedi/rcvold/
CNTC.ADMINISTCODE.DIR.bin     = /home/gccedi/bin/
```

```
CNTC.ADMINISTCODE.CMD.edircv   = gcc_edircv
CNTC.ADMINISTCODE.CMD.edircvmsg = gcc_edircvmsg
```

```
CNTC.ADMINISTCODE.INFO.userid  = server authentication ID
CNTC.ADMINISTCODE.INFO.userpw  = server authentication password
```

...

- cmd file is **execution binary** file or **shell script** file may appear depending on EDI module.

Receive Legal Dong Code Scheduler Registration

Receive Legal Dong Code and Reflect should be reflected through scheduler. To register relevant scheduler, register the scheduler in .../spring/context-scheduling.xml(example) as shown below.

```

<!--Legal Dong Code Reception Processing -->
<bean id="administCodeReceiver"
    class="org.springframework.scheduling.quartz.MethodInvokingJobDetailFactoryBean">
    <property name="targetObject" ref="AdministCodeRecptnService" />
    <property name="targetMethod" value="insertAdministCodeRecptn" />
    <property name="concurrent" value="false" />
</bean>

<bean id="administCodeReceiverTrigger"
    class="org.springframework.scheduling.quartz.SimpleTriggerBean">
    <property name="jobDetail" ref="administCodeReceiver" />
    <!--Execute in 1 minute after start. (milisecond) -->
    <property name="startDelay" value="60000" />
    <!-- Execute in every 60 seconds. (milisecond) continue to operate in demon type-->
    <property name="repeatInterval" value="60000" />
</bean>

<bean id="administCodeReceiverScheduler"
class="org.springframework.scheduling.quartz.SchedulerFactoryBean">
    <property name="triggers">
        <list>
            <ref bean="administCodeReceiverTrigger" />
        </list>
    </property>
</bean>

```

Related Function

Legal Dong Code is composed of **Receive Legal Dong Code, Receive Legal Dong Code List Inquiry, Legal Dong Code Detail Inquiry function.**

Receive Legal Dong Code

At connection with Receive Legal Dong Code, connection item related matters such as DB, Model, ServiceImpl...should be updated depending on connection item.

- ServiceImpl Example

```

...

// Actual Related Item Mapping Task
administCodeRecptn.setChangeSeCode      (strTmp      ); //
Command      :: Change classification code
administCodeRecptn.setOccrrDe          (tokenData[ 1]); // Date      :: Date
of occurrence
administCodeRecptn.setAdministZoneCode  (tokenData[ 2]); // Administration Area
Code      :: Administration Area Code
administCodeRecptn.setAdministZoneNm    (tokenData[ 7]); // Administration Area
Name      :: Administration Area Name
administCodeRecptn.setLowestAdministZoneNm (tokenData[ 8]); // Lowest Administration
Area Name  :: Lowest Administration Area Name
administCodeRecptn.setCtprvnCode       (tokenData[ 3]); // City and Province
Code      :: City and Province Code
administCodeRecptn.setSignguCode       (tokenData[ 4]); // City, County
Code      :: City, County Code
administCodeRecptn.setEmdCode          (tokenData[ 5]); // Eup, Myeon, Dong
Code      :: Eup, Myeon, Dong Code
administCodeRecptn.setLiCode           (tokenData[ 6]); // Recode      ::
Recode
administCodeRecptn.setCreatDe          (tokenData[ 9]); // Date of
Creation  :: Date of Creation

```

```

    administCodeRecptn.setAbIDe      (tokenData[10]); // Date of
Disuse      :: Date of Disuse
    administCodeRecptn.setAbIEnnc   (tokenData[11]); // Disuse or not      ::
Disuse or not
    administCodeRecptn.setUseAt     (tokenData[11]); // Disuse or not      ::
Use or not

```

...

Receive Legal Dong Code List Inquiry

Business Rule

Receive Legal Dong Code list is inquired by 10 items per page. The paging consists of 10 pages. The condition of search is implemented by Receive Legal Dong Code name.


Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List Inquiry	/sym/ccm/acr/getAdministCodeRecptnList.do	selectAdministCodeRecptnList	"AdministCodeRecptnDAO.selectAdministCodeRecptnList"
			"AdministCodeRecptnDAO.selectAdministCodeRecptnListTotCnt"

To change the scope of search per page, change pageUnit, pageSize of context-properties.xml file.(provided, however, that relevant setting affects the overall common service function.)


법정동코드수신 목록

순번	법정동코드	주소지명
1	1111015100	서울특별시 종로구 묘동
2	1111015200	서울특별시 종로구 봉익동
3	1111015300	서울특별시 종로구 돈의동
4	1111015400	서울특별시 종로구 장사동
5	1111015500	서울특별시 종로구 관수동
6	1111015600	서울특별시 종로구 종로3가
7	1111015700	서울특별시 종로구 인의동
8	1111015800	서울특별시 종로구 예지동
9	1111015900	서울특별시 종로구 원남동
10	1111016000	서울특별시 종로구 연지동

1 2 3 4

Inquiry: to inquire, select the search conditions on the top, enter the search conditions and click the Inquiry button.

List Click: move to **Legal Dong Code Detail Inquiry** screen.

Legal Dong Code Detail Inquiry

Business Rule

Detail inquiry includes the deletion process. When deletion is successful, move to **Receive Legal Dong Code List** screen.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detail Inquiry	/sym/ccm/acr/getAdministCodeDetail.do	selectAdministCodeDetail	"AdministCodeRecptnDAO.insertAdministCode"

법정등록코드 상세조회

법정등록코드 *	1111016500
행정구역명 *	서울특별시 종로구 이화동
생성일자 *	1988-04-23
폐지유무 *	사용 ▼

목록

법정등록코드수신 이력

순번	발생일자	최하위행정구역명	변경구분	처리구분	생성일자	폐지유무	폐지일자
1	--	이화동	생성 ▼	변경오류 ▼	--	사용 ▼	--

List: move to **Legal Dong Code List** screen.