

Common Code

Summary

Common code management provides the function to register, update, inquire the list and inquire details of the common codes.

Description

Package Dependency

Common code package has direct functional dependency to the common class code management package and common package (cmm) of element technology only. However, it forms the deployment file together with common detail code management package according to dependency between packages so as to be executed without error during component deployment.

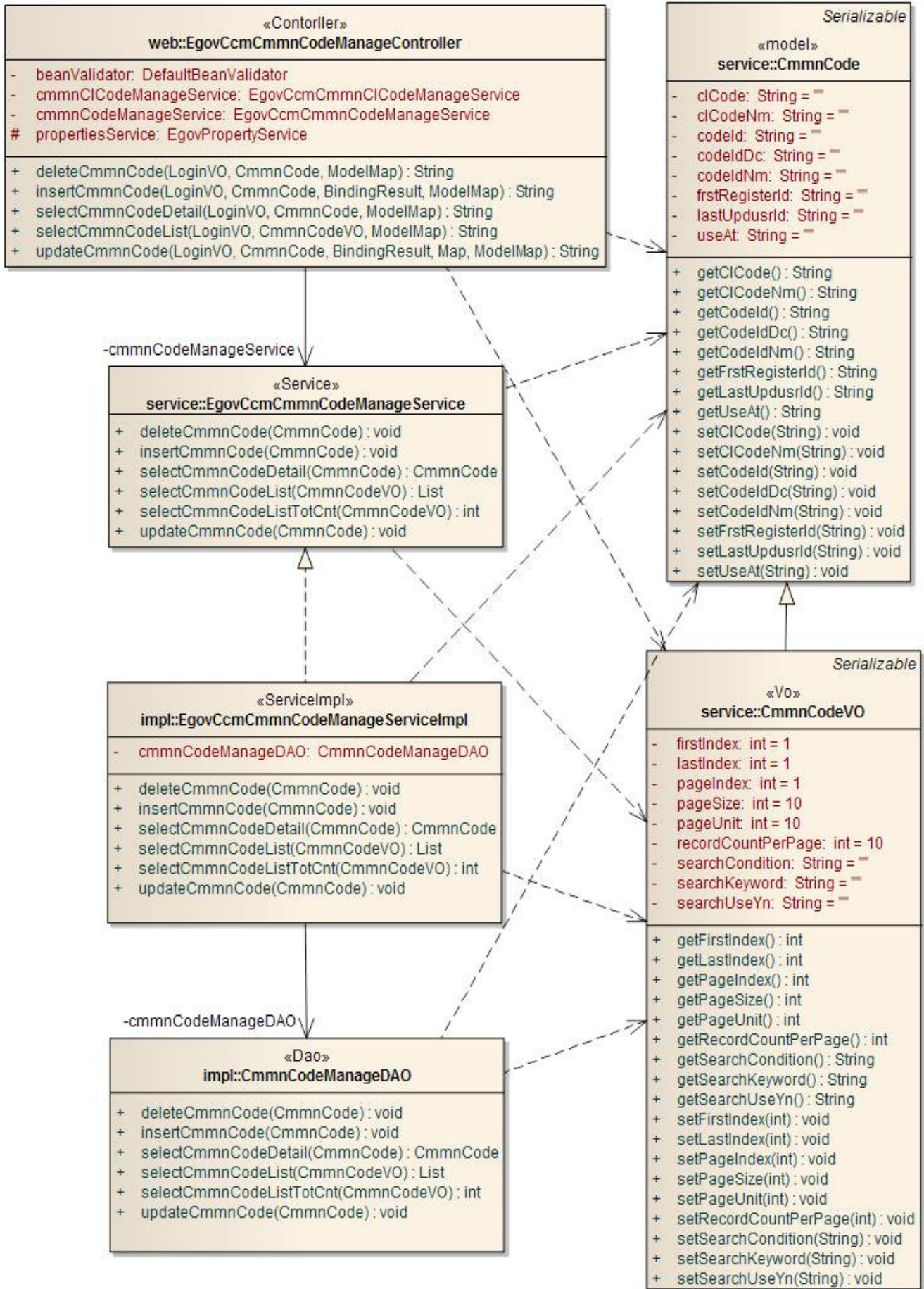
- Package Dependency: [User Support Package Dependency](#)

Related Source

Type	Source	Remarks
Controller	egovframework.com.sym.ccm.cca.web.EgovCcmCmmnCodeManageController.java	Controller class for common class code management
Service	egovframework.com.sym.ccm.cca.service.EgovCcmCmmnCodeManageService.java	Service interface for common class code management
ServiceImpl	egovframework.com.sym.ccm.cca.service.impl.EgovCcmCmmnCodeManageServiceImpl.java	Service implementation class for common class code management
Model	egovframework.com.sym.ccm.cca.service.CmmnCode.java	Common code information Model class
VO	egovframework.com.sym.ccm.cca.service.CmmnCodeVO.java	VO class for common class code management
DAO	egovframework.com.sym.ccm.cca.service.impl.CmmnCodeManageDAO.java	Data processing class for common code information management
JSP	/WEB-INF/jsp/egovframework/com/sym/ccm/cca/EgovCcmCmmnCodeDetail.jsp	JSP page for common code detail view
JSP	/WEB-INF/jsp/egovframework/com/sym/ccm/cca/EgovCcmCmmnCodeList.jsp	JSP page for common code list
JSP	/WEB-INF/jsp/egovframework/com/sym/ccm/cca/EgovCcmCmmnCodeModify.jsp	JSP page for common code classification
JSP	/WEB-INF/jsp/egovframework/com/sym/ccm/cca/EgovCcmCmmnCodeRegistration.jsp	JSP page for common code registration
QUERY XML	resources/egovframework/sqlmap/com/sym/ccm/cca/EgovCmmnCodeManage_SQL_Mysql.xml	Common code MySQL based QUERY XML
QUERY XML	resources/egovframework/sqlmap/com/sym/ccm/cca/EgovCmmnCodeManage_SQL_Oracle.xml	Common code Oracle based QUERY XML

QUERY XML	resources/egovframework/sqlmap/com/sym/ccm/cca/EgovCmmnCodeManage_SQL_Tibero.xml	Common code Tibero based QUERY XML
QUERY XML	resources/egovframework/sqlmap/com/sym/ccm/cca/EgovCmmnCodeManage_SQL_Altibase.xml	Common code Altibase based QUERY XML
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rule
Validator XML	resources/egovframework/validator/com/sym/ccm/cca/EgovCmmnCodeManage.xml	Common code Validator XML

Class Diagram



Related Table

Table Name	Table Name (English)	Remarks
Common classification code	COMTCCMMNCLCODE	Manage common classification code information.
Common code	COMTCCMMNCODE	Manage common code information.

Related Function

Common Code is composed of **common code list inquiry, common code registration, common code update, common code detail inquiry function**

Common Code List Inquiry

Business Rule

Common code list is inquired by 10 items per page. The paging consists of 10 pages. The condition of search is implemented by code ID and code ID name.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List Inquiry	/sym/ccm/cca/EgovCcmCmmnCodeList.do	selectCmmnCodeList	"CmmnCodeManageDAO.selectCmmnCodeList",
			"CmmnCodeManageDAO.selectCmmnCodeListTotCnt"

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.)

▶ 공통코드 목록
--선택하세요--

조회
등록

순번	분류명	코드ID	코드ID명	사용여부
1	test분류	123	123testcode	사용
2	test분류	234	234testcode	사용
3	test분류	345	345testcode	사용
4	test분류	456	456testcode	사용
5	test분류	567	567testcode	사용
6	test분류	678	678testcode	사용
7	전자정부 프레임워크 공통서비스	COM001	등록구분	사용
8	전자정부 프레임워크 공통서비스	COM002	이력구분	사용
9	전자정부 프레임워크 공통서비스	COM003	업무구분	사용
10	전자정부 프레임워크 공통서비스	COM004	계시판유형	사용

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

Register: to register, move to **Register Common Code** screen through the Register button on the top. Click the List: move to **Common Code Detail Inquiry** screen.

Common Code Registration

Business Rule

Register the details for common code. When registration is successful, move to **common code list** screen.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Register	/sym/ccm/cca/EgovCcmCmmnCodeRegist.do	insertCmmnCode	"CmmnCodeManageDAO.insertCmmnCode"

공통코드 등록

분류코드 *	test분류
코드ID *	
코드ID명 *	
코드ID설명 *	
사용여부 *	Yes

목록 저장

List: move to **Common Code List** screen.

Save: entered common classification code information is saved.

Common Code Update

Business Rule

When update is successful, move to **common code list** screen.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update	/sym/ccm/cca/EgovCcmCmmnCodeModify.do	updateCmmnCode	"CmmnCodeManageDAO.updateCmmnCode"

공통코드 수정

분류코드명 *	전자정부 프레임워크 공통서비스		
코드ID *	COM001		
코드ID명 *	등록구분		
코드ID설명 *	게시판, 커뮤니티, 동호회 등록구분코드		
사용여부 *	Yes		

목록 저장

Save: updated information is saved.
List: move to **Common Code List** screen.

Common Code Detail Inquiry

Business Rule

Detail inquiry contains the deletion processing. If deletion is successful, move to **common code list** screen.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detail Inquiry	/sym/ccm/cca/EgovCcmCmmnCodeDetail.do	selectCmmnCodeDetail	"CmmnCodeManageDAO.selectCmmnCodeDetail"
Delete	/sym/ccm/cca/EgovCcmCmmnCodeRemove.do	deleteCmmnCode	"CmmnCodeManageDAO.deleteCmmnCode"

공통코드 상세 조회

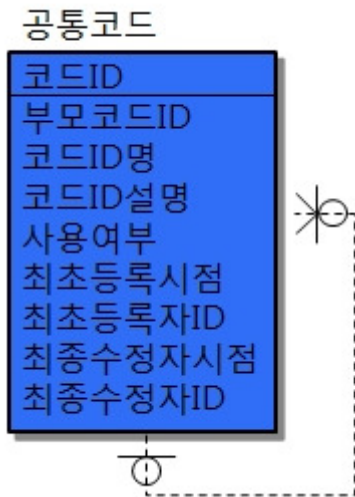
분류코드명 *	전자정부 프레임워크 공통서비스		
코드ID *	COM001		
코드ID명 *	등록구분		
코드ID설명 *	게시판, 커뮤니티, 동호회 등록구분코드		
사용여부 *	Yes		

수정 삭제 목록

Update: click the Update button to move **Update Common Code** screen.
 Delete: click the Delete button to show the message for confirming deletion and to process.
 List: move to **Common Code List** screen.

Direction of Development

Data model of common code component is formed based on 3 stage (big, middle, small) code structure. Such structure has no problem in executing common component currently, but restriction exists in expansion if the project applied with this will utilize the code structure over this. Common code with expansion can be formed if common code table is formed in one table using the return structure. Following figure is the example of common code table design formed for the table to refer to the parent code ID.



When designing and changing the common code table as shown below, following item should be updated.

- Integrate 3 components of common classification code, common code and common detail code into one common code.
- Update SQL sentence according to newly changed structure by finding all the SQL sentence that use common code related table (COMTCCMMNCLCODE, COMTCCMMNCODE, COMTCCMMNDETAILCODE) in common component

Following figure is the example of updating SQL to the changed common code table.(changed common code table name is assumed to be COMTCODE, parent code ID column name to be P_CODE_ID.)

