Community Creation Management

Summary

Community creation component provides the function to create the community and to manage the property information for the community registered.

Description

Management for community is provided through separate management menu. Some functions are provided through relevant management menu, but community management function can be handled with the management function available in the community.

Package Dependency

Community package has direct functional dependency to the common package (cmm) of element technology, format/calculation/conversion package, common function(com) package of cooperation, board package and society package. However, it forms the deployment file together with design template, system(sim) and calendar package according to dependency between packages so as to be executed without error during component deployment.

- Package Dependency: [Board, Community, Society Package Dependency](#)

Related Source

Type	Source	Remarks
Controller	egovframework.com.cop.cmy.EgovCommunityManageController.java	Controller class for community management
Service	egovframework.com.cop.cmy.service.EgovCommunityManageService.java	Service interface for community management
ServiceImpl	egovframework.com.cop.cmy.service.impl.EgovCommunityManageServiceImpl.java	Service implementation class for community management
Model	egovframework.com.cop.cmy.service.Community.java	Model class for community management
VO	egovframework.com.cop.cmy.service.CommunityVO.java	VO class for community management
DAO	egovframework.com.cop.cmy.service.impl.CommunityManageDAO.java	Data processing class for community management
JSP	/WEB-INF/jsp/egovframework/com/cop/cmy/EgovCmmntyList.jsp	jsp page for community inquiry
JSP	/WEB-INF/jsp/egovframework/com/cop/cmy/EgovCmmntyRegist.jsp	Registration jsp page for community creation
JSP	/WEB-INF/jsp/egovframework/com/cop/cmy/EgovCmmntyUpdt.jsp	jsp page for update of community information
JSP	/WEB-INF/jsp/egovframework/com/cop/cmy/EgovCmmntyInqire.jsp	jsp page for community detail inquiry
JSP	/WEB-INF/jsp/egovframework/com/cop/com/EgovUserListPop.jsp	jsp page for

		common processing(administrator inquiry)
JSP	/WEB-INF/jsp/egovframework/com/cop/cmy/EgovTemplateInqirePopup.jsp	jsp page for template inquiry
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovCmmnty_SQL_Mysql.xml	MySQL based Query for community management
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovCmmnty_SQL_Oracle.xml	Oracle based Query for community management
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovCmmnty_SQL_Tibero.xml	Tibero based Query for community management
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovCmmnty_SQL_Altibase.xml	Altibase based Query for community management
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rule
Validator XML	resources/egovframework/validator/com/cop/cmy/EgovCmmntyRegist.xml	Validator XML for community management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Id generation Idgen XML for community management

Class Diagram

class CDD_커뮤니티생성관리기능

«Controller»
EgovCommunityManageController

- bbsAttrbService: EgovBBSAttributeManageService
- bbsMngService: EgovBBSManageService
- beanValidator: DefaultBeanValidator
- clubService: EgovClubManageService
- cmmntyService: EgovCommunityManageService
- confmService: EgovConfirmManageService
~ log: Logger = Logger.getLogge...
# propertyService: EgovPropertyService

+ addCmmntyInf(CommunityVO, ModelMap) : String
+ deleteCmmntyUserBySelf(CommunityUser, ModelMap) : String
+ forUpdateCmmntyInf(CommunityVO, Map<String, Object>, ModelMap) : String
+ insertCmmntyInf(CommunityVO, Community, BindingResult, SessionStatus, ModelMap) : String
+ insertCmmntyUserBySelf(CommunityUser, ModelMap) : String
+ previewCmmntyMainContents(CommunityVO, ModelMap) : String
+ previewCmmntyMainPage(CommunityVO, ModelMap) : String
+ selectCmmntyInf(CommunityVO, ModelMap) : String
+ selectCmmntyInfs(CommunityVO, ModelMap) : String
+ selectCmmntyInfsByPop(CommunityVO, ModelMap) : String
+ selectCmmntyListPortlet(CommunityVO, ModelMap) : String
+ selectCmmntyMainContents(CommunityVO, ModelMap) : String
+ selectCmmntyMainPage(CommunityVO, ModelMap) : String
+ updtCmmntyInf(CommunityVO, Community, BindingResult, SessionStatus, ModelMap) : String

Serializable
«model»
Community

- cmmntyId: String = ""
- cmmntyIntrcn: String = ""
- cmmntyNm: String = ""
- emplyrId: String = ""
- frstRegisterId: String = ""
- frstRegisterPnttm: String = ""
- lastUpdusrId: String = ""
- lastUpdusrPnttm: String = ""
- registSeCode: String = ""
- tmplatId: String = ""
- tmplatNm: String = ""
- useAt: String = ""
- userNm: String = ""

+ getCmmntyId() : String
+ getCmmntyIntrcn() : String
+ getCmmntyNm() : String
+ getEmplyrId() : String
+ getFrstRegisterId() : String
+ getFrstRegisterPnttm() : String
+ getLastUpdusrId() : String
+ getLastUpdusrPnttm() : String
+ getRegistSeCode() : String
+ getTmplatId() : String
+ getTmplatNm() : String
+ getUseAt() : String
+ getUserNm() : String
+ setCmmntyId(String) : void
+ setCmmntyIntrcn(String) : void
+ setCmmntyNm(String) : void
+ setEmplyrId(String) : void
+ setFrstRegisterId(String) : void
+ setFrstRegisterPnttm(String) : void
+ setLastUpdusrId(String) : void
+ setLastUpdusrPnttm(String) : void
+ setRegistSeCode(String) : void
+ setTmplatId(String) : void
+ setTmplatNm(String) : void
+ setUseAt(String) : void
+ setUserNm(String) : void
+ toString() : String

-cmmntyService

«Service»
EgovCommunityManageService

+ checkCommunityUserInf(CommunityUser) : String
+ deleteCommunityInf(Community) : void
+ deleteCommunityUserInf(CommunityUser) : void
+ insertCommunityBBSUseInf(BoardUseInf) : void
+ insertCommunityInf(Community) : void
+ insertCommunityUserInf(CommunityUser) : String
+ isManager(CommunityUser) : boolean
+ selectAllCmmnty(CommunityVO) : List<CommunityVO>
+ selectCmmntyListPortlet(CommunityVO) : List<CommunityVO>
+ selectCmmntyTemplat(CommunityVO) : String
+ selectCommunityBBSUseInf(CommunityVO) : List<CommunityVO>
+ selectCommunityInf(CommunityVO) : Map<String, Object>
+ selectCommunityInfs(CommunityVO) : Map<String, Object>
+ selectCommunityUserInfs(CommunityUserVO) : Map<String, Object>
+ selectManager(CommunityVO) : CommunityUser
+ updateCommunityBBSUseInf(BoardUseInf) : void
+ updateCommunityInf(Community) : void
+ updateCommunityUserInf(CommunityUser) : void

AbstractServiceImpl
«ServiceImpl»
EgovCommunityManageServiceImpl

- bbsAttrbService: EgovBBSAttributeManageService
- bbsUseService: EgovCmyBBSUseInfoManageService
- cmmntyDAO: CommunityManageDAO
- idgenService: EgovIdGnrService
~ log: Logger = Logger.getLogge...

+ checkCommunityUserInf(CommunityUser) : String
+ deleteCommunityInf(Community) : void
+ deleteCommunityUserInf(CommunityUser) : void
+ insertCommunityBBSUseInf(BoardUseInf) : void
+ insertCommunityInf(Community) : void
+ insertCommunityUserInf(CommunityUser) : String
+ isManager(CommunityUser) : boolean
- makeBdMstrListforCmmnty(Community) : List<BoardMaster>
+ selectAllCmmnty(CommunityVO) : List<CommunityVO>
+ selectCmmntyListPortlet(CommunityVO) : List<CommunityVO>
+ selectCmmntyTemplat(CommunityVO) : String
+ selectCommunityBBSUseInf(CommunityVO) : List<CommunityVO>
+ selectCommunityInf(CommunityVO) : Map<String, Object>
+ selectCommunityInfs(CommunityVO) : Map<String, Object>
+ selectCommunityUserInfs(CommunityUserVO) : Map<String, Object>
+ selectManager(CommunityVO) : CommunityUser
+ updateCommunityBBSUseInf(BoardUseInf) : void
+ updateCommunityInf(Community) : void
+ updateCommunityUserInf(CommunityUser) : void

-cmmntyDAO
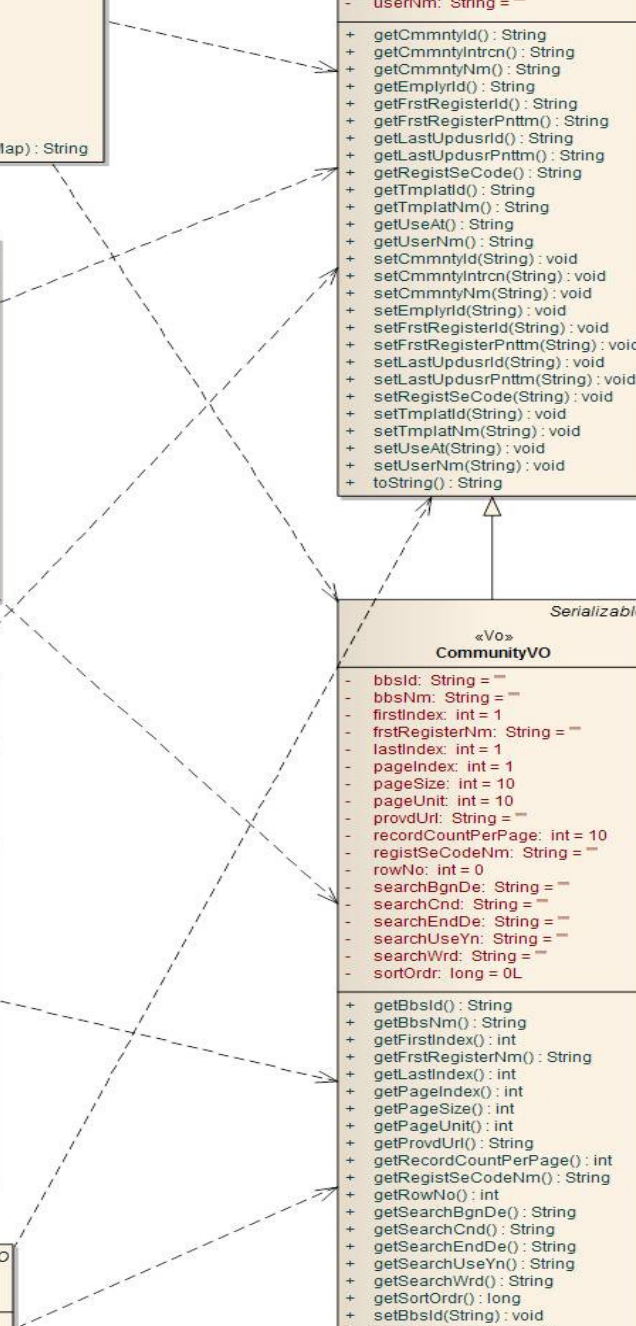
EgovAbstractDAO
«Dao»
CommunityManageDAO

+ checkExistUser(CommunityUser) : int
+ deleteAllCommunityUserInf(CommunityUser) : void
+ deleteCommunityInf(Community) : void
+ deleteCommunityUserInf(CommunityUser) : void
+ insertCommunityBBSUseInf(BoardUseInf) : void
+ insertCommunityInf(Community) : void
+ insertCommunityUserInf(CommunityUser) : void
+ selectAllCmmnty(CommunityVO) : List<CommunityVO>
+ selectCmmntyListPortlet(CommunityVO) : List<CommunityVO>
+ selectCmmntyTemplat(CommunityVO) : String
+ selectCommunityBBSUseInf(CommunityVO) : List<CommunityVO>
+ selectCommunityInf(CommunityVO) : CommunityVO
+ selectCommunityInfs(CommunityVO) : List<CommunityVO>
+ selectCommunityInfsCnt(CommunityVO) : int
+ selectCommunityManagerInfs(CommunityVO) : List<CommunityUser>
+ selectCommunityUserInfs(CommunityUserVO) : List<CommunityUserVO>
+ selectCommunityUserInfsCnt(CommunityUserVO) : int
+ selectSingleCommunityUserInf(CommunityUser) : CommunityUser
+ updateCommunityBBSUseInf(BoardUseInf) : void
+ updateCommunityInf(Community) : void
+ updateCommunityUserInf(CommunityUser) : void

Serializable
«Vo»
CommunityVO

- bbsId: String = ""
- bbsNm: String = ""
- firstIndex: int = 1
- frstRegisterNm: String = ""
- lastIndex: int = 1
- pageIndex: int = 1
- pageSize: int = 10
- pageUnit: int = 10
- provdUrl: String = ""
- recordCountPerPage: int = 10
- registSeCodeNm: String = ""
- rowNo: int = 0
- searchBgnDe: String = ""
- searchCnd: String = ""
- searchEndDe: String = ""
- searchUseYn: String = ""
- searchWrd: String = ""
- sortOrdr: long = 0L

+ getBbsId() : String
+ getBbsNm() : String
+ getFirstIndex() : int
+ getFrstRegisterNm() : String
+ getLastIndex() : int
+ getPageIndex() : int
+ getPageSize() : int
+ getPageUnit() : int
+ getProvdUrl() : String
+ getRecordCountPerPage() : int
+ getRegistSeCodeNm() : String
+ getRowNo() : int
+ getSearchBgnDe() : String
+ getSearchCnd() : String
+ getSearchEndDe() : String
+ getSearchUseYn() : String
+ getSearchWrd() : String
+ getSortOrdr() : long
+ setBbsId(String) : void
+ setBbsNm(String) : void
+ setFirstIndex(int) : void
+ setFrstRegisterNm(String) : void
+ setLastIndex(int) : void
+ setPageIndex(int) : void
+ setPageSize(int) : void
+ setPageUnit(int) : void
+ setProvdUrl(String) : void
+ setRecordCountPerPage(int) : void
+ setRegistSeCodeNm(String) : void
+ setRowNo(int) : void
+ setSearchBgnDe(String) : void
+ setSearchCnd(String) : void
+ setSearchEndDe(String) : void
+ setSearchUseYn(String) : void
+ setSearchWrd(String) : void
+ setSortOrdr(long) : void
+ toString() : String

ID Generation

ID Generation Related DDL and DML

- To utilize ID Generation Service, **CMMNTY_ID** 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('CMMNTY_ID','0');
```

ID Generation Configuration(context-idgen.xml)

```
<bean name="egovCmmntyIdGnrService"
        class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
        destroy-method="destroy">
        <property name="dataSource" ref="egov.dataSource" />
        <property name="strategy" ref="cmmntyStrategy" />
        <property name="blockSize"      value="10"/>
        <property name="table"          value="COMTECOPSEQ"/>
        <property name="tableName"      value="CMMNTY_ID"/>
</bean>
<bean name="cmmntyStrategy"
        class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
        <property name="prefix" value="CMMNTY_" />
        <property name="cipers" value="13" />
        <property name="fillChar" value="0" />
</bean>
```

Related Table

Table Name	Table Name (English)	Remarks
Community Property	COMTNCMMNTY	Manage property information of community.
Community User	COMTNCMMNTYUSER	Manage community user.
Template	COMTNTMPLATINFO	Manage template.

Related Function

Community creation management is composed of **community list inquiry, community creation, community detail inquiry, community update, template inquiry popup, user inquiry popup function.**

Community List Inquiry

Business Rule

It is the function to inquire community list and the condition of search is implemented by community name. Community list is is inquired by 10 items per page. The paging consists of 10 pages.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List Inquiry	/cop/cmy/selectCmmntyInfs.do	selectCmmntyInfs	"CommunityManageDAO.selectCommunityInfs",
			"CommunityManageDAO.selectCommunityInfsCnt"

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.)

Register: to create new community, move to **Create Community** screen to the Register button on the top.
Click the List: click the relevant community name to move to **Community Detail Inquiry** screen.

Community Creation

Business Rule

Create community after entering the property information of community. When creation is successfully terminated, move to **Community List Inquiry screen.**
Select the template through **Template Inquiry Popup** when creating the community. Community administrator shall designate it through **User Inquiry Popup** screen.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Register	/cop/cmy/addCmmntyInf.do	addCmmntyInf	
Registration Screen	/cop/cmy/insertCmmntyInf.do	insertCmmntyInf	"CommunityManageDAO.insertCommunityInf"

Register: save the entered community information.
List: move to **Community List** screen.

Community Detail Inquiry

Business Rule

Click the community list to move to the page for inquiring the relevant community information in details.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detail Inquiry	/cop/cmy/selectCmmntyInf.do	selectCmmntyInf	"CommunityManageDAO.selectCommunityInfs"

Update: select the **Update** button to change the property information of community.
List: select the **List** button to inquire the list again.

Community Update

Business Rule

Press the Update button after entering the information that can be changed in community property information, and property information of community is changed. When change is successfully completed, move to **Community List Inquiry screen.**

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update screen	/cop/cmy/forUpdateCmmntyInf.do	forUpdateCmmntyInf	
Upate	/cop/cmy/updtCmmntyInf.do	updtCmmntyInf	"CommunityManageDAO.updateCommunityInf"

List: select the List button to inquire the list again.
Update: save the entered community information.

Template Inquiry Popup

Business Rule

Provide the popup list inquiry screen for designating the template when creating the community or revising the information.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Popup list inquiry	/cop/tpl/selectTemplateInfsPop.do	selectTemplateInfsPop	"TemplateManageDAO.selectTemplateInfs",
			"TemplateManageDAO.selectTemplateInfsCnt"

User Inquiry Popup

Business Rule

Provide the user list inquiry popup screen for designating the administrator when creating the community or revising the information.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Popup list inquiry	/cop/com/selectCmmntyUserList.do	selectCmmntyUserList	"EgovUserInfManageDAO.selectCmmntyUserList"

Reference

- See attachment file upload: [File Management](#)