

Community Usage Management

Summary

Provide the basic community function such as management of various boards and society managements through community usage function.

Description

Community component provides community service through society function and board function of cooperation.

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

Community Board Usage

Type	Source	Remarks
Controller	egovframework.com.cop.cmy.web.EgovCmyBBSUseInfoManageController.java	Controller class for management of board usage information
Service	egovframework.com.cop.cmy.service.EgovCmyBBSUseInfoManageService.java	Service interface class for managing board usage information
ServiceImpl	egovframework.com.cop.cmy.service.impl.EgovCmyBBSUseInfoManageServiceImpl.java	Service implementation class for managing board usage information
Model	egovframework.com.cop.bbs.service.BoardUseInf.java	Model class for management of board usage information
VO	egovframework.com.cop.bbs.service.BoardUseInfVO.java	VO class for management of board usage information
DAO	egovframework.com.cop.cmy.service.impl.CmyBBSUseInfoManageDAO.java	Data access class for managing board usage information
JSP	/WEB-INF/jsp/egovframework/com/cop/com/EgovBoardUseInfList.jsp	List jsp page of board usage information
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovCmyBBSUse_SQL_Mysql.xml	MySQL based Query XML for management of board usage

		information
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovCmyBBSUse_SQL_Oracle.xml	Oracle based Query XML for management of board usage information
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovCmyBBSUse_SQL_Tibero.xml	Tibero based Query XML for management of board usage information
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovCmyBBSUse_SQL_Altibase.xml	Altibase based Query XML for management of board usage information

Community Board Property Management

Community board property management function is provided through [Board Creation Management](#) function and refers to the following Controller and Service.

Type	Source	Remarks
Controller	egovframework.com.cop.cmy.web.EgovCmyBBSAttributeManageController.java	Controller class for community related board management
Service	egovframework.com.cop.bbs.service.EgovBBSAttributeManageService.java	Service interface for board management

Community Board Management

Community post management function is provided through [Post Management](#) function.

Class Diagram

Use Community Board

```

«Controller»
EgovCmyBBSUseInfoManageController
- bbsUseService: EgovCmyBBSUseInfoManageService
- clubService: EgovClubManageService
- cmmntyService: EgovCommunityManageService
# propertyService: EgovPropertyService

# checkAuthority(UserInfnVO) : void
# checkAuthority(BoardUseInfn) : void
+ insertBBSUseInfnByTrget(BoardUseInfnVO, BoardUseInfn, Map<String, Object>, SessionStatus, ModelMap) : String
+ selectBBSUseInfnByTrget(BoardUseInfnVO, ModelMap) : String
+ updateBBSUseInfnByTrget(BoardUseInfnVO, BoardUseInfn, Map<String, Object>, SessionStatus, ModelMap) : String
    
```

```

«Service»
EgovCmyBBSUseInfoManageService
+ deleteAllBBSUseInfnByClub(BoardUseInfnVO) : void
+ deleteAllBBSUseInfnByCmmnty(BoardUseInfnVO) : void
+ deleteBBSUseInfn(BoardUseInfn) : void
+ deleteBBSUseInfnByBoardId(BoardUseInfn) : void
+ deleteBBSUseInfnByClub(BoardUseInfnVO) : void
+ deleteBBSUseInfnByCmmnty(BoardUseInfnVO) : void
+ insertBBSUseInfn(BoardUseInfn) : void
+ selectBBSUseInfn(BoardUseInfnVO) : BoardUseInfnVO
+ selectBBSUseInfn(BoardUseInfnVO) : Map<String, Object>
+ selectBBSUseInfnByTrget(BoardUseInfnVO) : Map<String, Object>
+ updateBBSUseInfn(BoardUseInfn) : void
+ updateBBSUseInfnByTrget(BoardUseInfn) : void
    
```

```

«ServiceImpl»
EgovCmyBBSUseInfoManageServiceImpl
- bbsUseDAO: CmyBBSUseInfoManageDAO

+ deleteAllBBSUseInfnByClub(BoardUseInfnVO) : void
+ deleteAllBBSUseInfnByCmmnty(BoardUseInfnVO) : void
+ deleteBBSUseInfn(BoardUseInfn) : void
+ deleteBBSUseInfnByBoardId(BoardUseInfn) : void
+ deleteBBSUseInfnByClub(BoardUseInfnVO) : void
+ deleteBBSUseInfnByCmmnty(BoardUseInfnVO) : void
+ insertBBSUseInfn(BoardUseInfn) : void
+ selectBBSUseInfn(BoardUseInfnVO) : BoardUseInfnVO
+ selectBBSUseInfn(BoardUseInfnVO) : Map<String, Object>
+ selectBBSUseInfnByTrget(BoardUseInfnVO) : Map<String, Object>
+ updateBBSUseInfn(BoardUseInfn) : void
+ updateBBSUseInfnByTrget(BoardUseInfn) : void
    
```

```

«Dao»
CmyBBSUseInfoManageDAO
- bbsUseDAO

+ deleteAllBBSUseInfnByClub(BoardUseInfnVO) : void
+ deleteAllBBSUseInfnByCmmnty(BoardUseInfnVO) : void
+ deleteBBSUseInfn(BoardUseInfn) : void
+ insertBBSUseInfn(BoardUseInfn) : void
+ selectBBSUseInfn(BoardUseInfnVO) : BoardUseInfnVO
+ selectBBSUseInfnByClub(BoardUseInfnVO) : List<BoardUseInfn>
+ selectBBSUseInfnByCmmnty(BoardUseInfnVO) : List<BoardUseInfn>
+ selectBBSUseInfn(BoardUseInfnVO) : List<BoardUseInfnVO>
+ selectBBSUseInfnByTrget(BoardUseInfnVO) : List<BoardUseInfnVO>
+ selectBBSUseInfnCnt(BoardUseInfnVO) : int
+ selectBBSUseInfnCntByTrget(BoardUseInfnVO) : int
+ updateBBSUseInfn(BoardUseInfn) : void
+ updateBBSUseInfnByTrget(BoardUseInfn) : void
    
```

```

«model»
BoardUseInfn
- bbsId: String = ""
- frstRegisterId: String = ""
- frstRegisterPntm: String = ""
- lastUpdusrId: String = ""
- lastUpdusrPntm: String = ""
- registSeCode: String = ""
- trgetId: String = ""
- trgetType: String = ""
- useAt: String = ""

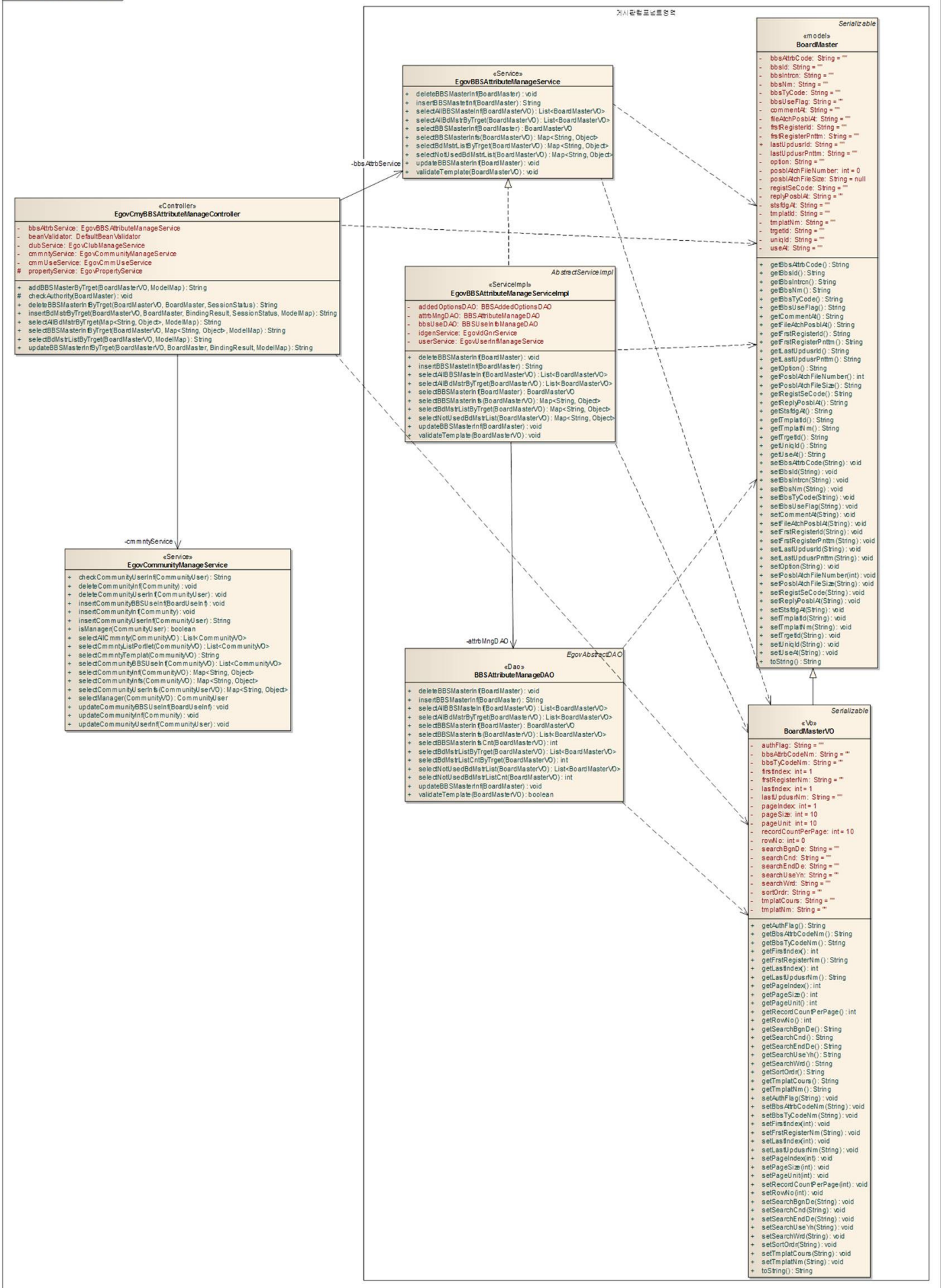
+ getBbsId() : String
+ getFrstRegisterId() : String
+ getFrstRegisterPntm() : String
+ gettLastUpdusrId() : String
+ gettLastUpdusrPntm() : String
+ getRegistSeCode() : String
+ getTrgetId() : String
+ getTrgetType() : String
+ getUseAt() : String
+ setBbsId(String) : void
+ setFrstRegisterId(String) : void
+ setFrstRegisterPntm(String) : void
+ setLastUpdusrId(String) : void
+ setLastUpdusrPntm(String) : void
+ setRegistSeCode(String) : void
+ setTrgetId(String) : void
+ setTrgetType(String) : void
+ setUseAt(String) : void
+ toString() : String
    
```

```

«Vo»
BoardUseInfnVO
- bbsNm: String = ""
- bbsTyCode: String = ""
- clubId: String = ""
- clubNm: String = ""
- cmmntyId: String = ""
- cmmntyNm: String = ""
- frstIndex: int = 1
- frstRegisterNm: String = ""
- lastIndex: int = 1
- lastUpdusrNm: String = ""
- pageIndex: int = 1
- pageSize: int = 10
- pageNum: int = 10
- provdUrl: String = ""
- recordCountPerPage: int = 10
- registSeCodeNm: String = ""
- rowNum: int = 0
- searchBgnDe: String = ""
- searchCnd: String = ""
- searchEndDe: String = ""
- searchUseYn: String = ""
- searchWrtd: String = ""
- sortOrdr: long = 0L
- userNm: String = ""

+ getBbsNm() : String
+ getBbsTyCode() : String
+ getClubId() : String
+ getClubNm() : String
+ getCmmntyId() : String
+ getCmmntyNm() : String
+ getFrstIndex() : int
+ getFrstRegisterNm() : String
+ gettLastIndex() : int
+ gettLastUpdusrNm() : String
+ gettPageIndex() : int
+ gettPageSize() : int
+ gettPageUnit() : int
+ gettProvdUrl() : String
+ getRecordCountPerPage() : int
+ getRegistSeCodeNm() : String
+ getRowNo() : int
+ getSearchBgnDe() : String
+ getSearchCnd() : String
+ getSearchEndDe() : String
+ getSearchUseYn() : String
+ getSearchWrtd() : String
+ getSortOrdr() : long
+ getUserNm() : String
+ setBbsNm(String) : void
+ setBbsTyCode(String) : void
+ setClubId(String) : void
+ setClubNm(String) : void
+ setCmmntyId(String) : void
+ setCmmntyNm(String) : void
+ setFrstIndex(int) : void
+ setFrstRegisterNm(String) : void
+ setLastIndex(int) : void
+ setLastUpdusrNm(String) : 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
+ setSearchWrtd(String) : void
+ setSortOrdr(long) : void
+ setUserNm(String) : void
+ toString() : String
    
```

Community Board Property Management



- Set the ID generation same as the [Board Creation Management](#) function.

Related Table

Table Name	Table Name(English)	Remarks
Community Property	COMTNCMMNTY	Manage property information of community.
Community User	COMTNCMMNTYUSER	Manage community u ser.

Board Type

Following basic boards are created when community is newly created.

Board Name	Board Type	Board Property	Remarks
Guest Book	Guest Book	General Board	
Notice	Notice Board	Effective Board	Posting starting/ending date
Free Board	General Board	General Board	
Library	General Board	General Board	
Gallery	General Board	Gallery	

See [Manage Board Creation](#) for details on board type and properties.

Community Main Screen

Access to community is provided through separate URL link. The first main screen appears in the form of screen designated with template and separate administrator menu appears for administrator. Available board list and society list appears in the left and can be updated through template.

/cop/cmy/CmmntyMainPage.do?cmmntyId=Community ID

Related Function

Community Usage Management is composed of **community board management list inquiry, community board management registration, community board management update, community user management list inquiry, community society management list inquiry, community society management update function.**

Community board management list inquiry

Business Rule

Board management corresponds to community administrator menu and can manage the board created at the relevant community.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List Inquiry	/cop/bbs/selectBdMstrListByTrget.do	selectBdMstrListByTrget	"BBSAttributeManageDAO.selectBdMstrListByTrget",
			"BBSAttributeManageDAO.selectBdMstrListCntByTrget"

Default paging is performed on board management list and following information is provided.



번호	게시판명	게시판유형	생성일	사용여부
1	쉬어가는 게시판	일반게시판	2009-01-22	사용
2	00커뮤니티 자유게시판	익명게시판	2008-11-22	사용
3	□□동호회 자유게시판	일반게시판	2008-01-22	사용중지

To create board, move to **Register Community Board Management** screen through the Register button on the top.

To update the existing board property information, click the name of relevant board and move to **Update Community Board Management** screen providing detailed inquiry and update function.

Community Board Management Registration

Business Rule

Move to the board master registration screen for use at community or society.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration	/cop/bbs/addBBSMasterByTrget.do	addBBSMasterByTrget	

- See [Manage Board Creation](#) function for details on board creation.

Select the Register button on the top in the board management list inquiry screen to move to the registration screen as follows:

The screenshot shows a web form titled '게시판 생성' (Board Creation). It contains several input fields and controls:

- 게시판명 (Board Name): Text input field.
- 게시판소개 (Board Introduction): Text area.
- 게시판 유형 (Board Type): Dropdown menu with "--선택하세요--" (Please select).
- 게시판 속성 (Board Attribute): Dropdown menu with "--선택하세요--" (Please select).
- 답장가능여부 (Replyable): Radio buttons for '가능' (Possible) and '불가능' (Impossible).
- 파일첨부가능여부 (File Attachable): Radio buttons for '가능' (Possible) and '불가능' (Impossible).
- 첨부가능파일 숫자 (Number of attachable files): Dropdown menu with "--선택하세요--" (Please select).
- 템플릿 정보 (Template Information): Text input field with a search icon.
- Buttons: '등록' (Register) and '목록' (List) buttons at the bottom.

Register: save the entered community board management information.

List: move to **Community Board Management List** screen.

Community Board Management Update

Business Rule

Update the property information of board only for INSERT newly designating the option.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update screen	/cop/bbs/SelectBBSMasterInfByTrget.do"	selectBBSMasterInfByTrget	"BBSAddedOptionsDAO.selectAddedOptionsInf"
Update	/cop/bbs/UpdateBBSMasterInfByTrget.do	updateBBSMasterInfByTrget	"BBSAddedOptionsDAO.insertAddedOptionsInf"

Select the board name in the board management list to move to the update screen for updating the property information for the board.

게시판 정보수정

게시판명 * 동호회 등록테스트

게시판 소개 * 심플하게 구현

게시판 유형 일반게시판 게시판 속성 일반게시판

답장가능여부 불가능 파일첨부가능여부 * 가능 : 불가능 :

첨부가능파일 숫자 * --선택하세요--

템플릿 정보 * 게시판 기본템플릿3

수정 삭제 목록

User Inquiry Popup

Business Rule

Provide the user list inquiry popup screen for designating the administrator at update of information or creation of community.

Related Codes

N/A

Screen and execution manual

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

사용자 목록 --선택하세요-- 조회

번호	사용자아이디	사용자명	주소	이메일	사용여부	선택
1	usr	업무담당자		egov@mopas.go.kr	사용	선택

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닫기

Community Society Management List Inquiry

Business Rule

Society management corresponds to community administrator menu and can manage information on the society created at the relevant board.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List Inquiry	/cop/clb/selectCmmntyClubList.do	selectCmmntyClubList	"ClubManageDAO.selectClubInfsByTrgetId"
			"ClubManageDAO.selectClubInfsCntByTrgetId"

Default paging is performed on society management list and following information is provided.

번호	동호회명	커뮤니티명	등록일	사용여부
1	식도락 동호회	잘나가는 커뮤니티	2009-01-22	사용
2	장비동호회	잘나가는 커뮤니티	2009-01-22	사용
3	육아동호회	잘나가는 커뮤니티	2009-01-22	사용중지

Select **Register button** to create new society in the community.

Community Society Management Registration

Business Rule

Move to the society registration screen for community and register the society information.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration screen	/cop/clb/addCmmntyClubInf.do	addCmmntyClubInf	
Register	/cop/clb/insertClubInf.do	insertClubInf	"ClubManageDAO.insertClubInf"

Contents for society registration are as follows:

☞ 동호회 생성

동호회 명 *	<input type="text"/>
동호회 소개 *	<input type="text"/>
템플릿 정보 *	<input type="text"/>
동호회 운영자 *	<input type="text"/>

Register: save the entered society information.
 List: move to **Society Management List** screen.

Community Society Management Detail Inquiry

Business Rule

Select the society name in the society management list to move to the detail screen for revising the property information on the society.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detail Inquiry	/cop/clb/selectCmmntyClubInf.do	selectCmmntyClubInf	"ClubManageDAO.selectClubInf"

☞ 동호회 정보조회

동호회 명	동호회A
동호회 소개	강한친구들의 동호회
템플릿 정보	기본 템플릿
게시판 정보	일반게시판, 자유게시판, 방명록
사용여부	Y
생성자	박길동
생성일시	2007-06-25

Update: move to **Update Society Management** screen.
 List: move to **Society Management List** screen.

Community Society Management Update

Business Rule

Select the Update button at the society detail inquiry and move to the update screen for revising the society information.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update screen	/cop/clb/forUpdateCmmntyClbInf.do	forUpdateCmmntyClbInf	
Update	/cop/clb/updateClbInf.do	updateClbInf	"ClubManageDAO.updateClubInf"

동호회 정보수정

소속 커뮤니티 정보공통서비스 커뮤니티

동호회 명 * 공통서비스 커뮤니티 동호회

동호회 소개 * 생성이닷

게시판 정보테스트게시판(1111) / 방명록 / 공지게시판 / 갤러리 / 자유게시판 / 자료실 / 동호회 등록테스트 /

템플릿 정보 * 템플릿 아이디 자동생성

동호회 운영자 *

사용여부 사용 : 사용중지 :

생성자업무담당자 생성일시 2009-04-10

수정 목록

Update: save the entered society information.
List: move to **Society Management List** screen.

Reference

- See Board Creation Management : [Board Creation Management](#)
- See Community Creation Management : [Community Creation Management](#)
- See Society Management : [Society Management](#)