

Cooperation -Community Function

Summary

Through the community function service, the user can create, join and withdraw from the club. It provides basic community services including guest book, gallery, notice board, general board and library. This package should be distributed and applied with the guest board package and cooperation common package. The community function service is a mobile common component developed based on HTML5, jQuery and jQM (jQuery mobile). For more details, please refer to mobile operation environment guide at <http://www.egovframe.go.kr/html/egovframework/mbi/mguide/mguide.html>.

For the component related css, the basic EgovMobile.css, egovBoard.css, ussCommon.css are used. Moreover, the commonly supported jAlert is used which is defined in the jsfiles below.

- EgovMobile.js

Subject of Support

The development and tests of this component was completed on the browsers for the mobile devices. Caution may be taken in developing and applying since the support for PC and mobile browsers may vary.

The subject devices include mobile devices such as GalaxyS2, GalaxyS, GalaxyTab, iPad2 and iPhone4. The mobile browsers used are basic browser for Android, Firefox, Safari, and Opera Mobile was used.

Android

For the test device, GalaxyS, GalaxyS2 and GalaxyTab are used.

For the browser, the Android's basic browsers, Firefox (6.xx) and Opera Mobile were used.

- Android OS 2.3 (GengerBread) : Supported the operation of HTML5, CSS3 and the component stably

- Android OS 2.1 (Eclair), 2.2 (Froyo) : The realization of UI was not successful due to lack of HTML5, CSS3 resources.

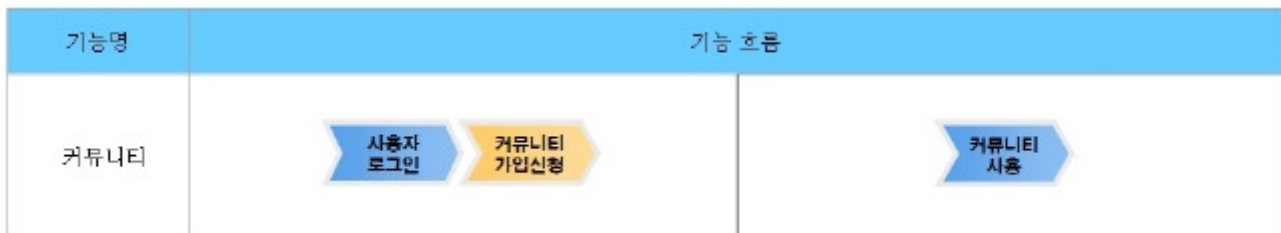
However, for Opera Mobile, there was partial problem in processing colors or events. It was excluded from the subject of support.

iOS

The iPhone4 and iPad2 are used as the test device.

- iOS 4.2, 4.3 :Both versions supported the HTML5 and CSS3 relatively successfully.

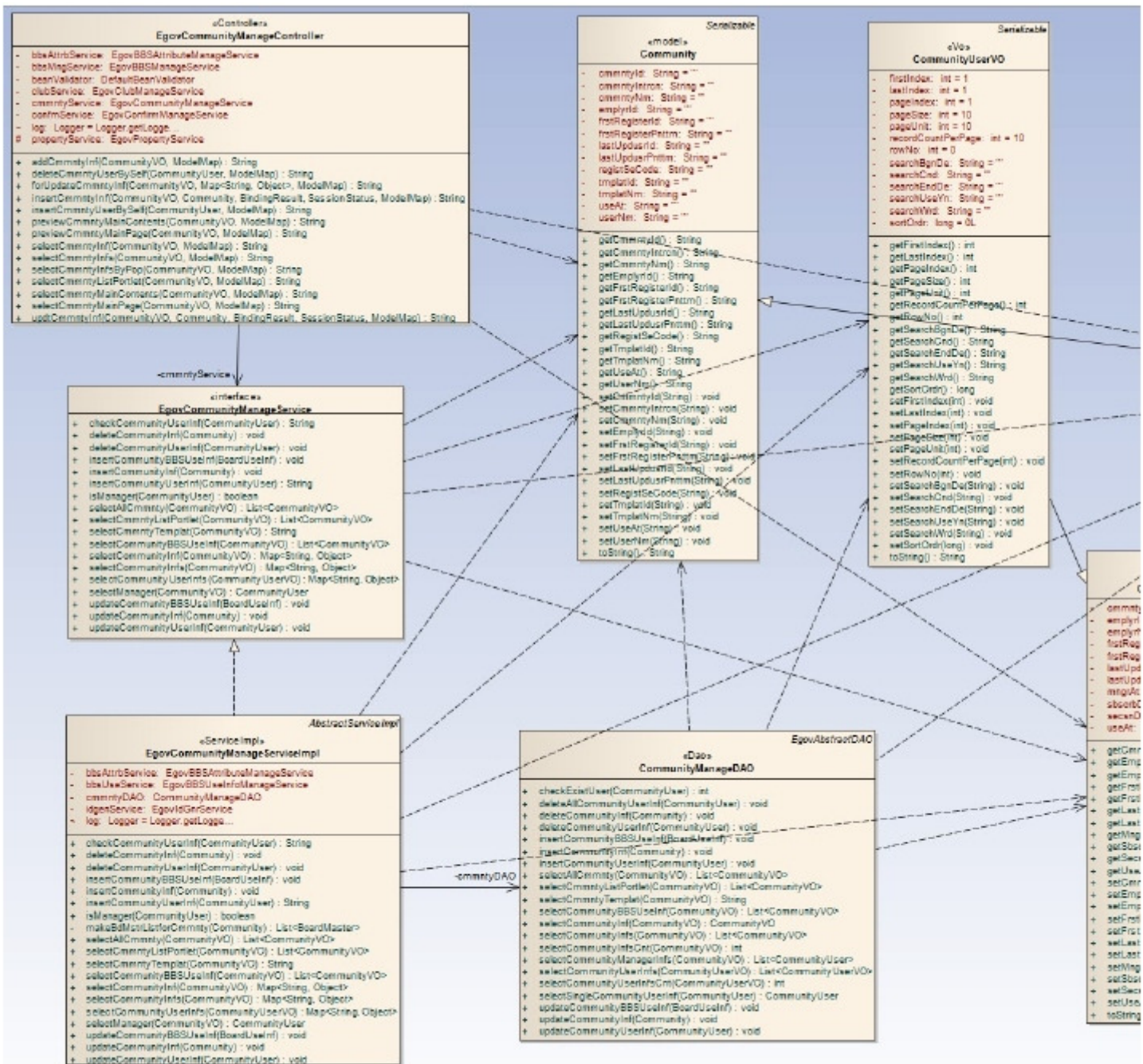
Function Flow



Description

Community function provides functions of join and withdrawal, inquire and manage the guest book, and inquire images through the gallery.

Class Diagram



Related Source

Type	Source	Remarks
C ontroller	egovframework.com.cop.cmy.web.EgovCommunityManageC ontroller.java	Controller class for community management
C ontroller	egovframework.mbl.com.cop.cmy.web.EgovMblCommunityManageC ontroller.java	Controller class for community management
Service	egovframework.com.cop.cmy.service.EgovC ommunityManageService.java	Service interface for community
ServiceImpl	egovframework.com.cop.cmy.service.impl.EgovC ommunityManageServiceImpl.java	Service realization class for community management
VO	egovframework.com.cop.cmy.service.C ommunity.java	Model class for community management
VO	egovframework.com.cop.cmy.service.C ommunityVO.java	VOclass for community management
DAO	egovframework.com.cop.cmy.service.impl.C ommunityManageDAO.java	Data processing class for community management
JSP	/WEB-INF/jsp/egovframework/com/cop/com/template/EgovCmmntyBaseTpl.jsp	Main screenjsp page for community basic template
JSP	/WEB-INF/jsp/egovframework/com/cop/com/template/EgovCmmntyBaseTplContents.jsp	Main screencontents.jsp page for community basic
Query XML	resources/egovframework/sqlmap/com/cop/cmy/EgovC mnty_SQL.xml	Query for community management

Related Source (Manager menu related)

Type	Source	Remark
C ontroller	egovframework.com.cop.bbs.web.EgovBBSAttributeManageC ontroller.java	Controller class for community related board management
C ontroller	egovframework.com.cop.com.web.EgovCopUserInfC ontroller.java	Controller class for community relate user management
C ontroller	egovframework.com.cop.com.web.EgovBBSUseInfoManageC ontroller.java	Controller class for community related board user management
C ontroller	egovframework.com.cop.clb.web.EgovClubManageC ontroller.java	Controller class for community related society management
Service	egovframework.com.cop.bbs.service.EgovBBSAttributeManageService.java	Service interface for community related board management
Service	egovframework.com.cop.com.service.EgovUserInfManageService.java	Service interface for community related user management
Service	egovframework.com.cop.com.service.EgovBBSUseInfoManageService.java	Service interface for community related board utilization management
Service	egovframework.com.cop.clb.service.EgovC lubManageService.java	Service interface for community related society management
ServiceImpl	egovframework.com.cop.bbs.service.impl.EgovBBSAttributeManageServiceImpl.java	Service realization class for community related board management
ServiceImpl	egovframework.com.cop.com.service.impl.EgovUserInfManageServiceImpl.java	Service realization class for community related user management
ServiceImpl	egovframework.com.cop.com.service.impl.EgovBBSUseInfoManageServiceImpl.java	Service realization class for community related board utilization management
ServiceImpl	egovframework.com.cop.clb.service.impl.EgovC lubManageServiceImpl.java	Service realization class for community related society management

VO	egovframework.com.cop.bbs.service.BoardMaster.java	Model class for community related board management r
VO	egovframework.com.cop.bbs.service.BoardMasterVO.java	VOclass for community related board management
VO	egovframework.com.cop.com.service.UserInfVO.java	VOclass for community related user management
VO	egovframework.com.cop.com.service.BoardUseInf.java	Model class for community related board utilization management
VO	egovframework.com.cop.com.service.BoardUseInfVO.java	VOclass for community related board utilization management
VO	egovframework.com.cop.clb.service.Club.java	Model class for community related society management
VO	egovframework.com.cop.clb.service.ClubVO.java	VOclass for community related society management
DAO	egovframework.com.cop.bbs.service.impl.BBSAttributeManageDAO.java	Data processing class for community related board management
DAO	egovframework.com.cop.com.service.impl.EgovUserInfManageDAO.java	Data processing class for community related user management
DAO	egovframework.com.cop.com.service.impl.BBSUseInfoManageDAO.java	Data processing class for community related board utilization management
DAO	egovframework.com.cop.clb.service.impl.ClubManageDAO.java	Data processing class for community related society management
JSP	/WEB-INF/jsp/egovframework/com/cop/bbs/EgovBBSListByTrget.jsp	Screenjsp page for community related board management
JSP	/WEB-INF/jsp/egovframework/com/cop/com/EgovUserList.jsp	Screenjsp page for community related user management
JSP	/WEB-INF/jsp/egovframework/com/cop/com/EgovBdUseInfListByTrget.jsp	Screenjsp page for community related board utilization management
JSP	/WEB-INF/jsp/egovframework/com/cop/clb/EgovClubListByTrget.jsp	Screenjsp page for community related society management
Query XML	resources/egovframework/sqlmap/com/cop/bbs/EgovBBSMaster_SQL.xml	Query for community related board management
Query XML	resources/egovframework/sqlmap/com/cop/com/EgovUserInf_SQL.xml	Query for community related user management
Query XML	resources/egovframework/sqlmap/com/cop/com/EgovBBSUse_SQL.xml	Query for community related board utilization management
Query XML	resources/egovframework/sqlmap/com/cop/com/EgovClub_SQL.xml	Query for community related society management

Related Table

Name	Name (English)	Remarks
Community Property	C OMTNC MMNTY	Manages properties information of the community
Community User	C OMTNC MMNTYUSER	Manages community users
Template	C OMTNTMPLATINFO	Template management

Related reference source and tables are as following:

Board function: refer to board description

Environmental settings

To use the board, the board must be created through the board management function and when the new community is created, the basic boards are created as following:

Board	Type	Property	Remarks
Guest Book	Guest Book	General Board	
Notice Board	Notice Board	Effective Board	Date of starting and ending
Free Board	General Board	General Board	
Reference	General Board	General Board	
Gallery	General Board	Gallery	

For types and properties of boards, refer to board management function.

Manual

Community Main Screen

Business Rule

The list of boards provided by the community can be inquired and it provides the member join-in and withdrawal function.

The main screen for the community can be accessed from the following URL.

/cop/cmy/CmmntyMainPage.mdo?cmmntyId=커뮤니티ID

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Board	/cop/cmy/C	selectCmmntyMainPage	"BBSAttributeManageDAO.selectAllBdMstrByTrget"
Community			"ClubManageDAO.selectClubListPortletByTrget"



Home: move to home
 Menu: move to corresponding screen
 Join: displays member join-in completed message
 Withdraw: display member withdrawal completed message

Guest Book

Business Rule

On the guest book list screen, there are list inquiry, register and update, delete options.
 Write guest book screen lets you register and update the guest book in one screen.
 Next is the URL to access the guest book.

</cop/bbs/selectGuestList.mdo?bbsId=방명록ID&bbsAttrbCode=방명록속성>

Related Codes

N/A

Screen and execution manual

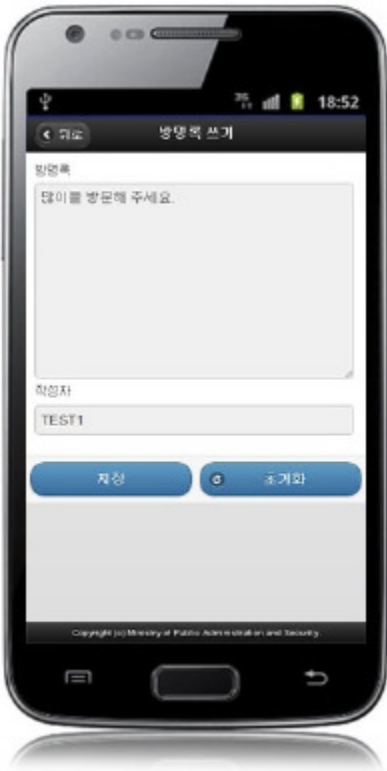
Action	URL	Controller method	QueryID
Guest book properties	/cop/bbs/selectGuestList.mdo	selectGuestList	"BBSAttributeManageDAO.selectBBSMasterInf"
Guest book list			"BBSManageDAO.selectBoardArticleList"
Update	/cop/cmt/updateComment.mdo	updateCommentList	"BBSC ommentDAO.updateComment"
Delete	/cop/cmt/deleteComment.mdo	deleteComment	"BBSC ommentDAO.deleteComment"

Guest Book List



- Home Move to home
- Register Move to the guest book registration screen
- Update Move to the guest book revision screen
- Delete : Displays message to confirm the deletion and delete the guest book

Register and Update Guest Book



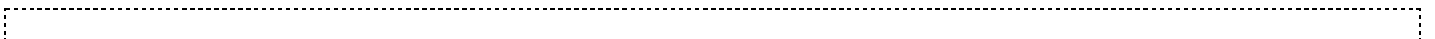
- Back: move to guest book list screen
- Save: stores the input or revised information
- Initialize: initializes the input information

Gallery

Business Rule

The gallery supports viewing images (BMP, JPG, GIF, PNG format image files) with the board function. In mobile, the image attachment function is not provided in registering posts. The screen on the gallery can be accessed from the below URL.

/cop/bbs/selectBoardList.mdo?bbsId=게시판ID&bbsAttrbCode=게시판속성

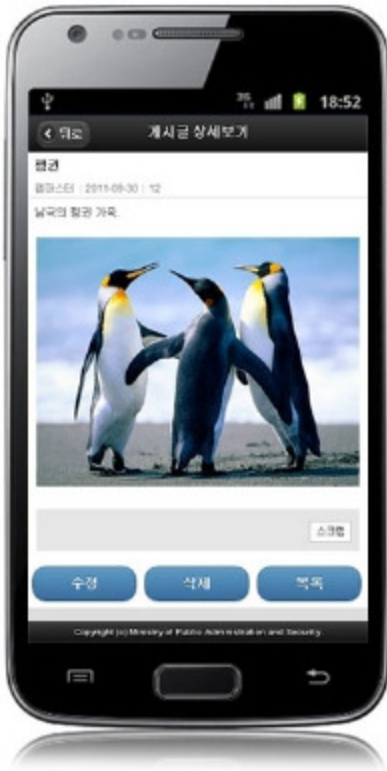


Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Gallery Properties	/cop/bbs/selectGuestList.mdo	selectAnonymousBoardArticles	"BBSAttributeManageDAO.selectBBSMasterInf"
Gallery List			"BBSManageDAO.selectBoardArticleList"
Detailed Gallery List	/cop/bbs/selectBoardArticle.mdo	selectBoardArticle	"BBSManageDAO.selectBoardArticle"



Back	Move to screengallery list inquiry
Update	Move to gallery update screen
Delete	Displays deletion confirmation message and delete the content in the gallery
List	Move to screengallery list inquiry

Settings and Notes

* HTML5 and CSS3 are applied on the mobile common component currently distributed. It does not correspond to the validation test of the mobile websites of Mobile OK and W3C. Contact specialized institutions for more information on the validation test.

* Validation test on currently distributed mobile common component is now in progress. We will try our best to complete the validation test as soon as possible and realize new version with the security patch.

Reference

- Refer to board management (existing web version): [board management](#)
 - Refer to community management (existing web version): [community management](#)
 - Refer to community utilization (existing web version): [community utilization](#)
 - Refer to community template (existing web version): [community template](#)
- Distribution and testing : [Mobile Common Component System and distribution package composition](#)