

## Summary

This service provides the function of registering, revising and deleting the replies on the posts. This function is operated based on the board management function. When the additional options are activated in creating the board, reply management and satisfaction study can be also used.

For anonymity board, the reply is also registered anonymously, and password and writer's name should be typed in.

In registering replies, the compulsory items are tested by the validator rule which is applied by pre-define validator-rules.kl and validator.xml.

The board utilization 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/mb/mguide/mguide.html>.

For the component related css, the basic EgovMobile.css, egovBoard.css, ussCommon.css, and c are used.

## 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 (GingerBread): 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

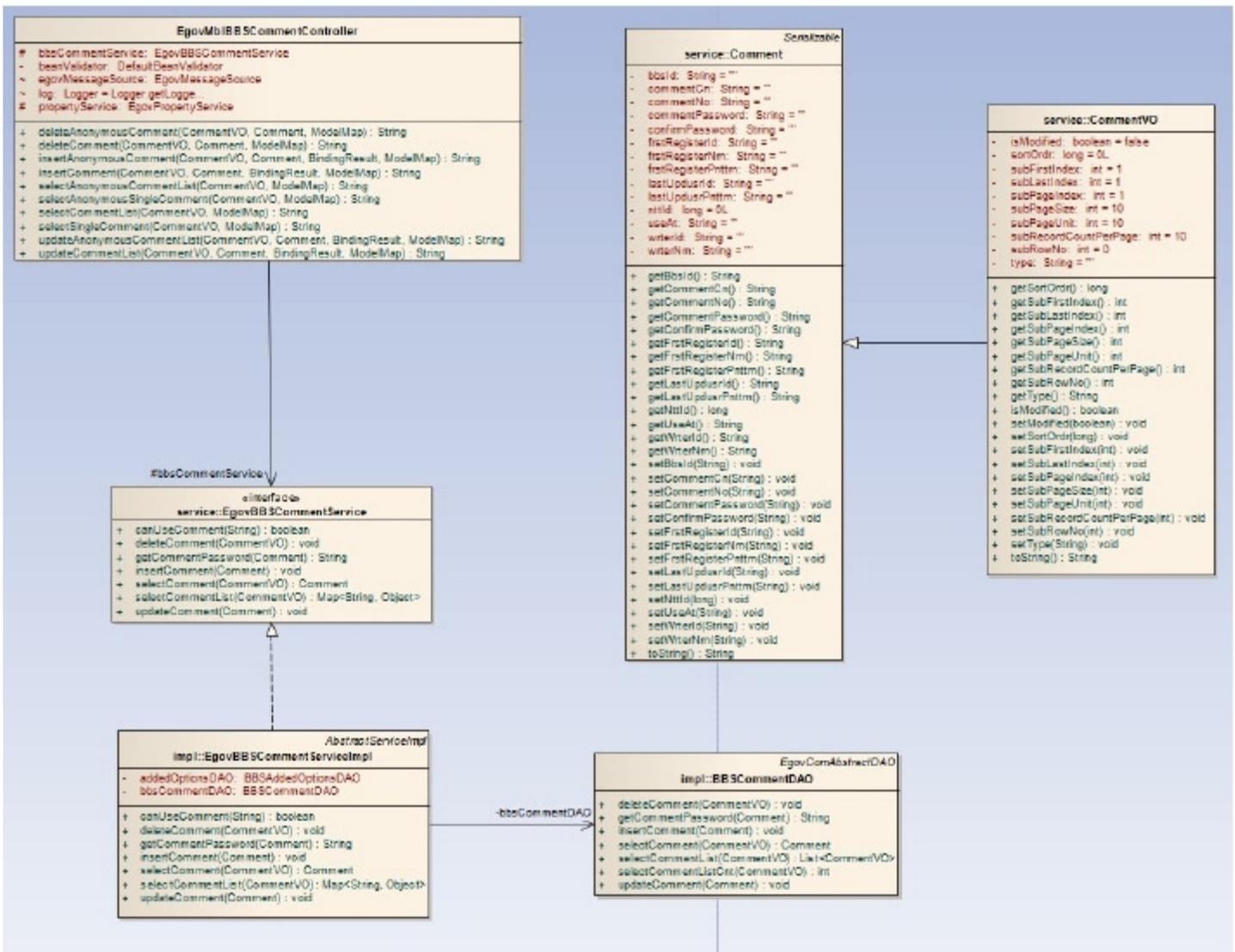


## Description

In order to use the board that the reply option can be used, the additional options must be designated in creating the board through board management. Additional options are reply management and satisfaction study. Only reply management is available in the mobile version.

This additional option cannot be changed once its designated but for the existing boards which was not setup can be designated.

Class diagram



Related Source

Type	Source	Remarks
C ontroller	egovframework.com.cop.bbs.web.EgovBBSCommentC ontroller.java	Controller class for reply management
C ontroller	egovframework.mbl.com.cop.bbs.web.EgovMblBBSCommentC ontroller.java	Controller class for mobile reply management
Service	egovframework.com.cop.bbs.service.EgovBBSCom mentService.java	Service interface for reply management
ServiceImpl	egovframework.com.cop.bbs.service.impl.EgovBBSCom mentServiceImpl.java	Service realization class for reply management
VO	egovframework.com.cop.bbs.service.C omment.java	Model class for reply management
VO	egovframework.com.cop.bbs.service.C ommentVO.java	VOclass for reply management
DAO	egovframework.com.cop.bbs.service.impl.EgovBBSCom mentServiceImpl.java	Data processing class for reply management
JSP	/WEB-INF/jsp/egovframework/com/cop/bbs/EgovCommentList.jsp	jsp page for reply management
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/bbs/EgovCommentList.jsp	jsp page for mobile reply management
Query XML	resources/egovframework/sqlmap/com/cop/bbs/EgovBBSCom ment_SQL.xml	Queryfile for reply management

Related Table

Name	Name (English)	Remarks
Board master option	C OMTNBBSMASTEROPTN	Board addition function management
Reply	C OMTNCOMMENT	Reply information management

## Environmental settings

In order to use the reply management, satisfaction study and scrap function, additional properties should be setup in globals.properties file. For more details on globals.properties, refer to element technology properties and command shell script.

### Related setup

- Add Globals.addedOptions

```

...
# 2 stage board addition function (reply, satisfaction study and scrap)
Globals.addedOptions = true
...
  
```

The operation is setup to be normal in without the setup above.

When the above setup is added, the additional options for choosing reply and satisfaction study in creating or revising the board management will appear (utilize existing web-based common component)



## Manual

### Type of boards

Provides the function to register, update and delete the list and replies in the detailed inquiry screen of the board.

In the write reply screen, the registration and revision function is processed.

### Related codes

N/A

### Screen and execution manual

List of replies

Function	URL	Controller	method	Screen (JSP)
Reply				EgovNoticeInquire.jsp
Update reply				EgovNoticeInquire.jsp
Delete reply	/cop/cmt/deleteComment.mdo	EgovMblBBSCommentController	deleteComment	



Reply: Move to write reply screen to register the reply

Update reply: Move to write reply screen to update the reply

Delete reply: Shows the confirmation message to confirm deletion. After deletion, move to the detailed inquiry screen of the existing board.

Write reply

Function	URL	Controller	method	Screen
Save	/cop/cmt/insertComment.mdo	EgovMblBBSCommentController	insertComment	



Back: move to detailed inquiry screen  
Save: Stores revised information  
Initialize: Input information is initialized.

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## 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.

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## Reference

- Refer to reply management (existing web-version): [Reply management](#)  
Distribution and testing: [Mobile Common Component System and distribution package composition](#)