

Board Management

Summary

Provide the function to register the post and to inquire list of post registered for management of board to be used commonly for sharing of information between users.

Description

Provide the function for the user to register, inquire and update the post at the board created by board management function. Created board appears in other forms depending on the properties and types designated in accordance with board property management. Each board allows to create, update and delete posting. Posting can be updated or deleted only by the person who wrote the posting. Anonymous board does not display the name of writer. In case of gallery type board, it provides the function to show the image file attached along with the main text at the time of writing (limited to BMP,JPG,GIF,PNG format only).

Package Dependency

Board package has direct functional dependency to the common package (cmm) and system package(sim) of element technology as well as format/calculation/conversion package. However, it forms the deployment file together with common function of cooperation(com), design template 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.bbs.EgovBBSManageController.java	Controller class for board management
Service	egovframework.com.cop.bbs.service.EgovBBSManageService.java	Service interface for board management
ServiceImpl	egovframework.com.cop.bbs.service.impl.EgovBBSManageServiceImpl.java	Service implementation class for board management
Model	egovframework.com.cop.bbs.service.Board.java	Model class for board management
Model	egovframework.com.cop.bbs.service.BoardMaster.java	Model class for management of board property information
VO	egovframework.com.cop.bbs.service.BoardVO.java	VO class for board management
VO	egovframework.com.cop.bbs.service.BoardMasterVO.java	VO class for management of board property information
DAO	egovframework.com.cop.bbs.service.impl.BBSManageDAO.java	Data processing class for board management
JSP	/WEB-INF/jsp/egovframework/com/cop/bbs/EgovNoticeRegist.jsp	jsp page for post creation
JSP	/WEB-INF/jsp/egovframework/com/cop/bbs/EgovNoticeUpdt.jsp	jsp page for update of created post
JSP	/WEB-INF/jsp/egovframework/com/cop/bbs/EgovNoticeList.jsp	jsp page for inquiry

		of created board
JSP	/WEB-INF/jsp/egovframework/com/cop/bbs/EgovNoticeInquire.jsp	jsp page for detail inquiry of created post
JSP	/WEB-INF/jsp/egovframework/com/cop/bbs/EgovNoticeReply.jsp.jsp	jsp page for registering the answer for created post
JSP	/WEB-INF/jsp/egovframework/com/cop/bbs/EgovGuestList.jsp	jsp page for registration/inquiry of guest book
Query XML	resources/egovframework/sqlmap/com/cop/bbs/EgovBoard_SQL_Mysql.xml	MySQL based Query XML for board management
Query XML	resources/egovframework/sqlmap/com/cop/bbs/EgovBoard_SQL_Oracle.xml	Oracle based Query XML for board management
Query XML	resources/egovframework/sqlmap/com/cop/bbs/EgovBoard_SQL_Tibero.xml	Tibero based Query XML for board management
Query XML	resources/egovframework/sqlmap/com/cop/bbs/EgovBoard_SQL_Altibase.xml	Altibase based Query XML for board management
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rule
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Message properties for board management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Post registration Id generation Idgen XML

Class Diagram

PRIMARY KEY (table_name));

INSERT INTO COMTECOPSEQ VALUES('NTT_ID','0');

ID Generation Configuration(context-idgen.xml)

```
<bean name="egovNttIdGnrService"
      class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
      destroy-method="destroy">
  <property name="dataSource" ref="egov.dataSource" />
  <property name="strategy" ref="nttIdStrategy" />
  <property name="blockSize" value="1"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="NTT_ID"/>
</bean>
<bean name="nttIdStrategy"
      class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
  <property name="cipers" value="20" />
</bean>
```

Related Table

Table Name	Table Name(English)	Remarks
Board Information	COMTNBBS	Manage posting information.

Related Function

Method of using the board is classified into 3 types such as the type of board utilized for system, board utilized at community and the board utilized at society.

Post management is composed of **post list inquiry, post detail inquiry, post update and answer writing function.**

Post List Inquiry

Business Rule

Provide the screen to inquire the post list. List inquiry screen for posting exists in 3 types including URL link(system use board), access through community and access through society.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List Inquiry	/cop/bbs/selectBoardList.do	selectBoardArticles	"BBSManageDAO.selectBoardArticleList",
			"BBSManageDAO.selectBoardArticleListCnt"

Board list is inquired by 10 items per page. The paging consists of 10 pages. The condition of search is implemented by the Board name and Board Type. To update the scope of search per page, update pageUnit, pageSize of context-properties.xml file.(provided, however, that relevant setting affects the overall common service function.)

번호	제목	작성자	작성일	조회수
1	이 글은 작성자에 의해서 삭제되었습니다.	업무담당자	2009-04-08	1
2	자료실 테스트	업무담당자	2009-04-08	40

To register new posting, move to **Register Posting** screen through the Register button on the top. To check the contents of posting, select the title to move to the **Posting Detail Inquiry** screen providing the detail screen.

Post Registration

Business Rule

Enter the contents of post, select the Register button and the post is registered. Posting time, creator, file attachment can be entered depending on type and property for posting. If registration is successful, move to **Posting List Inquiry** screen.

Related Codes

N/A

Screen and Implementation Manual

Action	URL	Controller method	QueryID
Registration screen	/cop/bbs/addBoardArticle.do	addBoardArticle	
Register	/cop/bbs/insertBoardArticle.do	insertBoardArticle	"BBSManageDAO.insertBoardArticle"

The screenshot shows a web form for posting. At the top, there's a title field labeled '제목 *'. Below it is a rich text editor for '글내용 *' with a toolbar containing options for font color, bold, italic, underline, text color, background color, bulleted list, numbered list, link, unlink, and help. Below the content area is a '게시기간 *' field with a date range selector. At the bottom left is a '파일첨부' field with a '찾아보기...' button. At the bottom right are '등록' and '목록' buttons.

List: move to **Posting List** screen.
 Register: entered posting information is saved.

Post Detail Inquiry

Business Rule

Select the title at the post list screen and it moves to the detail screen.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detail Inquiry	/cop/bbs/selectBoardArticle.do	selectBoardArticle	"BBSManageDAO.selectBoardArticle"



자료실 - 글조회

제목자료실 테스트

작성자 업무담당자 작성시간 2009-04-08 조회수 41

글내용 자료실을 테스트 합니다.
하하하 ㅋㅋㅋ

첨부파일 목록 쿼리.txt [3441 byte]
multifile.js [3381 byte]

수정 삭제 목록

Select the Update button on the detail screen to move to **Update Posting** screen.
Select the Delete button to delete the relevant posting and move to **Posting List** screen.

Post Update

Business Rule

Provide the screen for updating the post and save the update information of post entered.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update	/cop/bbs/forUpdateBoardArticle.do	selectBoardArticleForUpdt	
Update	/cop/bbs/updateBoardArticle.do	updateBoardArticle	"BBSManageDAO.updateBoardArticle"

자료실 - 게시물 수정

제목 * 자료실 테스트

글내용 *

자료실을 테스트 합니다.
하하하 크크크

첨부파일목록
 퀴리.txt [3441 byte] X
 multifile.js [3381 byte] X

파일첨부

Update the title and contents of the posting and press the Update button, and then the posting information is updated and move to the **Posting List Inquiry** screen.

Post Writing

Business Rule

Post writing is registered by entering in the same way as **Post Registration**.

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Answer Writing Screen	/cop/bbs/addReplyBoardArticle.do	addReplyBoardArticle	
Answer Writing	/cop/bbs/replyBoardArticle.do	replyBoardArticle	"BBSManageDAO.insertBoardArticle"

제목 * RE: 안녕하세요..

글내용 *

게시시간 * ~

파일첨부

When the reply is registered successfully, it moves to **Posting List Inquiry** screen.

Reference

- See Post Creation Management Function: [Board Creation and Management](#)