

# User Support -News

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## Summary

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The news service provides users with news and information on the board. The menu consists of title and content of news, source, date of submission and date of registration.

The news 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/mbl/mguide/mguide.html>.

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

Moreover, the commonly supported jAlert and iPassword is used which is defined in the jsfiles below.

EgovMobile.js

EgovCom.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

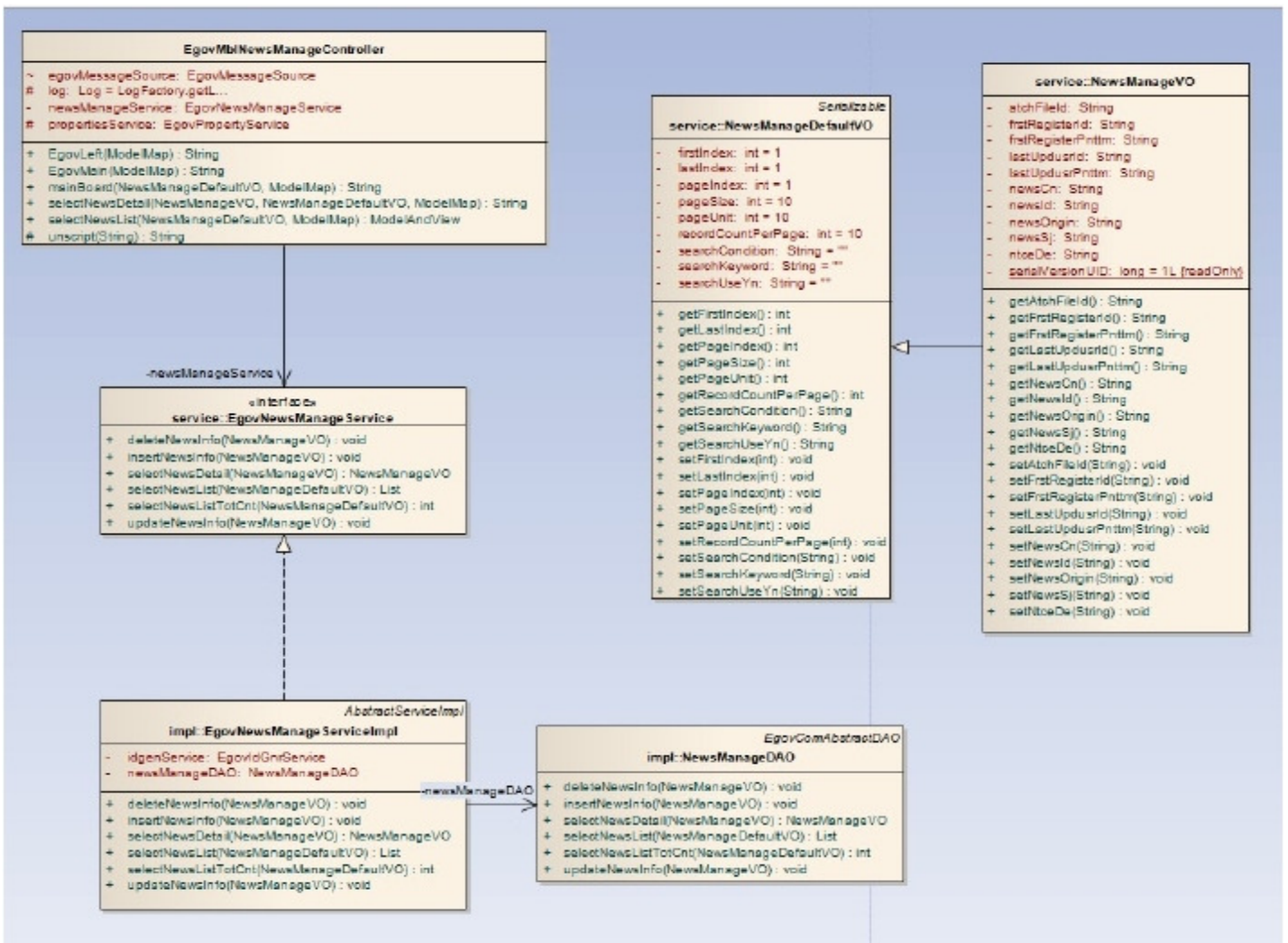


## Description

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The news function is composed of FAQ list inquiry and detailed inquiry.

Class Diagram



## Related Sources

Type	Target source name	Notes
C ontroller	egovframework.com.uss.ion.nws.web.EgovNewsManageC ontroller.java	Controller class for news management
C ontroller	egovframework.mbl.com.uss.ion.nws.web.EgovMbiNewsManageC ontroller.java	Mobile controller class for news management
Service	egovframework.com.uss.ion.nws.service.EgovNewsManageService.java	Service interface for news management
ServiceImpl	egovframework.com.uss.ion.nws.service.impl.EgovNewsManageServiceImpl.java	Service implementation class for news management
VO	egovframework.com.uss.ion.nws.service.NewsManageVO.java	VO class for news management
VO	egovframework.com.uss.ion.nws.service.NewsManageDefaultVO.java	SearchVO class for news management
DAO	egovframework.com.uss.ion.nws.service.imp.NewsManageDAO.java	Data processing class for news management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/nws/EgovNewsInfoListInquire.jsp	List inquiry page for news management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/nws/EgovNewsInfoDetailInquire.jsp	Detail inquiry page for news management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/nws/EgovNewsInfoRegist.jsp	Registration page for news management
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/nws/EgovNewsInfoUpdt.jsp	Modification page for news management
JSP	/WEB-INF/jsp/egovframework/mbl/com/uss/ion/nws/EgovNewsInfoListInquire.jsp	Mobile List Inquiry Page for news management
JSP	/WEB-INF/jsp/egovframework/mbl/com/uss/ion/nws/EgovNewsInfoDetailInquire.jsp	Mobile detail inquiry page for news management
Query XML	resources/egovframework/sqlmap/com/uss/ion/nws/EgovNewsManage_SQL.xml	Query XML for new management (inquiry, register, update , delete)
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML that defines Validator Rule
Validator XML	resources/egovframework/validator/com/uss/ion/nws/EgovNewsManage_SQL.xml	Validator XML for news management
Message properties	resources/egovframework/message/message-common_ko_KR.properties	Message properties for news management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Id generationIdgen XML for news registration

## Related Tables

Table name	Table name (English)	Note
News information	C OMTNNEWSINFO	Manage titles and description for news

## Related Functions

### New Information List Inquiry

#### Business Rule

The user can retrieve the new information composed of new title, news source and published date in a list.

#### Related Codes

N/A

### Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/uss/ion/nws/NewsInfoListInquire.mdo	selectNewsList	"NewsManageDAO.selectNewsList"
	/uss/ion/nws/NewsInfoListInquire.mdo	selectNewsListTotCnt	"NewsManageDAO.selectNewsListTotCnt"
Click list	/uss/ion/nws/NewsInfoDetailInquire.mdo	selectNewsDetail	"NewsManageDAO.selectNewsDetail"

10 news information lists are retrieved per page and paging is carried out on one page basis. The search conditions are news title, news source or published date.  
 To change the search range per page, update pageUnit and pageSize in context-properties.xml (This setting has an influence on the entire common service functions.).



Home: moves to Home screen.  
 Search: in order to retrieve news information, select the search conditions in the top, enter a key word and click the Search button.  
 Click list: click a new title to move to news information detail inquiry screen.

## News Information Detail Inquiry

### Business rules

By clicking a list on the news information list inquiry screen, you can move to this screen. It shows detailed information on the news. On the news detail inquiry screen, click the list button to retrieve lists for the news.

### Related codes

N/A

### Screen and execution manual

Action	URL	Controller method	QueryID
List	/uss/ion/nws/NewsInfoListInquire.mdo	selectNewsInfoList	"NewsManageDAO.selectNewsList"



Back:moves to the news information list inquiry screen.  
 List:moves to the news information list inquiry screen.

## Settings and Notes

\*The currently distributed mobile common component adopts HTML5 and CSS3 and this means that it doesn't support the standards for mobile web site validity check of MobileOK and W3C. For details on correct validity check, please contact the competent professional institute.

\*Security verification is under progress on the currently distributed mobile component. We plan to complete security verification as soon as possible to release a new security-patched version.

## References

- Refer to the news management (existing web version) :[news management](#)
- Distribution and test:[Mobile Common Component System and distribution package plan](#)