

## Summary

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Help service provides descriptions on the usage of applications and instructions. It also provides information and assistance required to use applications.

Help service is a mobile common component developed based on HTML5, jQuery and jQM(jQuery Mobile).

For details, refer to Mobile Execution Environment Guide Guide[<http://www.egovframe.go.kr/html/egovframework/mbl/mguide/mguide.html>].

The component-related CSSs include EgovMobile.css (provided as standard), egovBoard.css and ussCommon.css.

In addition, jAlert, which is supported in common, is used and it is defined in the following js file.

- EgovMobile.js

## Subjects of Support

This component has been developed and tested on the browsers available in the mobile devices.

Since the browser support is different depending the device (PC or mobile device), development and application should be carefully carried out.

The test devices include Galaxy S2, Galaxy S, Galaxy Tab, iPad2 and iPhone 4.

The test mobile browsers include Android basic browser, Firefox, Safari and Opera Mobile.

### Android

The test devices include Galaxy S2, Galaxy S and Galaxy Tab.

The test mobile browsers include Android basic browser, Firefox(6.xx) and Opera Mobile browser.

Android OS 2.3 (GingerBread):The execution of HTML5, CSS3 and components is supported stably.

- Android OS 2.1 (Eclair), 2.2 (Froyo):he support for HTML5, CSS3 is not sufficient to implement the component UI properly.

However, Opera Mobile was excluded from the support as it caused some problems with handling colors and events.

### iOS

iPhone4 and iPad2 were used for testing.

iOS 4.2, 4.3:both version supported HTML5 and CSS3 relatively well.

## Flow chart

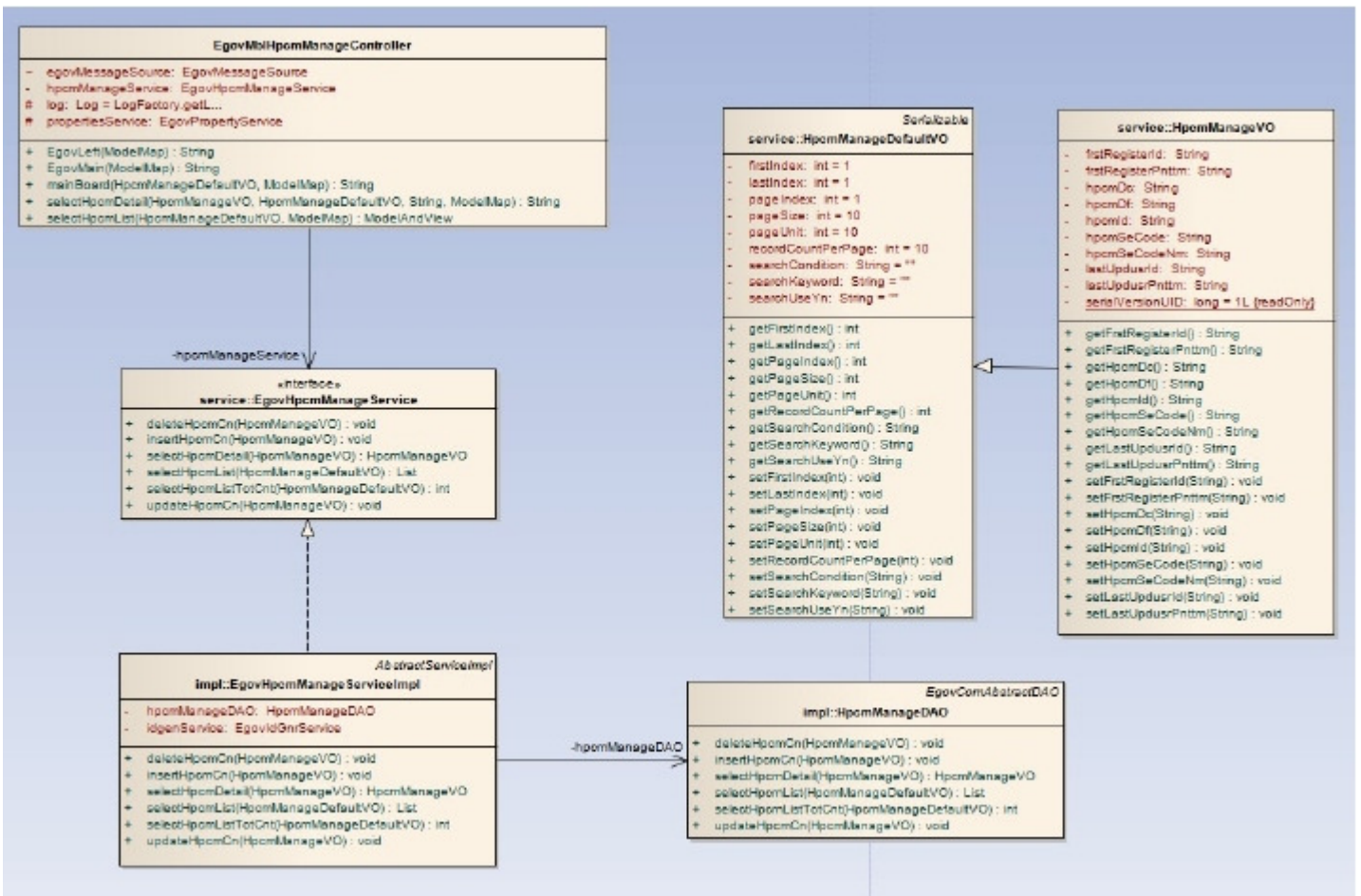


## Description

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Helpis largely composed of Helplist inquiryandHelpdetail inquiry.

Class diagram



#### Related sources

Types	Source names	Notes
C ontroller	egovframework.com.uss.olh.hpc.web.EgovHpcmManageC ontroller.java	Controller Class for Help management
C ontroller	egovframework.com.uss.olh.hpc.web.EgovMblHpcmManageC ontroller.java	Mobile Controller Class for Help management
Service	egovframework.com.uss.olh.hpc.service.EgovHpcmManageService.java	Service Interface for Help management
ServiceImpl	egovframework.com.uss.olh.hpc.service.impl.EgovHpcmManageServiceImpl.ja	Service Implementation Class for Help management
VO	egovframework.com.uss.olh.hpc.service.HpcmManageVO.java	VO Class for Help management
VO	egovframework.com.uss.olh.hpc.service.HpcmManageDefaultVO.java	SearchVO Class for Help management
DAO	egovframework.com.uss.olh.hpc.service.imp.HpcmManageDAO.java	Data Processing Class for Help management
JSP	/WEB-INF/jsp/egovframework/com/uss/olh/hpc/EgovHpcmListInquire.jsp	List Inquiry Page for Help management
JSP	/WEB-INF/jsp/egovframework/com/uss/olh/hpc/EgovHpcmDetailInquire.jsp	Detail Inquiry Page for Help management
JSP	/WEB-INF/jsp/egovframework/com/uss/olh/hpc/EgovHpcmRegist.jsp	Registration Page for Help management
JSP	/WEB-INF/jsp/egovframework/com/uss/olh/hpc/EgovHpcmUpdt.jsp	Modification Page for Help management
JSP	/WEB-INF/jsp/egovframework/mbl/com/uss/olh/hpc/EgovHpcmListInquire.jsp	Help Mobile List Inquiry Page
JSP	/WEB-INF/jsp/egovframework/mbl/com/uss/olh/hpc/EgovHpcmDetailInquire.jsp	Help Mobile Detail Inquiry Page
Query XML	resources/egovframework/sqlmap/com/uss/olh/hpc/EgovHpcmManage_SQL.x	Query XML for Help Management (inquiry, registration, modification)
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defines Validator Rule
Validator XML	resources/egovframework/validator/com/uss/olh/hpc/EgovHpcmManage_SQL.x	Validator XML for Help management
Message properties	resources/egovframework/message/message-common_ko_KR.properties	Message properties for Help management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Id CreationIdgen XML for Help Registration

#### Related tables

Table name	Table name	Notes
Help management	C OMTNHPC MINFO	Manages function description or procedure description within the site

## Related function

### Helplist inquiry

#### Business rules

The user can retrieve the registered Help information in a list format.  
 Click the list to move to Helpdetail inquiriescreen.  
 Use Help definitions as search conditions.

#### Related codes

N/A

#### Screen and execution manual

Action	URL	Controller method	QueryID
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Inquiry	/uss/olh/hpc/HpcmListView.mdo	selectHpcmList	"HpcmManageDAO.selectHpcmList"
		selectHpcmListTotCnt	"HpcmManageDAO.selectHpcmListTotCnt"

10 Helplists are retrieved per page and paging is carried out on a page basis.



Home:moves to Home screen.

Search:In order to retrieve Help, select search conditions, enter a key word and click the Search button.

Click list:move to Helpdetail inquiryscreen.

## Helpdetail inquiry

### Business rules

By clicking a list Helplist inquiry screen, you can move to this screen. It shows detailed information on Help.

On Helpdetail inquiryscreen, click the List button to retrieve lists on Help.

### Related codes

N/A

### Screen and execution manual

Action	URL	Controller method	QueryID
List	/uss/olh/hpc/HpcmDetailInquire.mdo	selectHpcmDetail	"HpcmManageDAO.selectHpcmDetail"



Back:moves to HelpList inquiriescreen.

List:HelpList inquiriescreen.

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## Settings and Notes

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\*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 Mobile OK 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.

## Reference

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