

Summary

My Page service provides a function that allows the user to select and organize the information in a layout they want from a previously prepared contents pool. The user can only retrieve and organize the contents that has mobile format link URL (.mdo) created by the administrator.

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

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

- 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) : The 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.

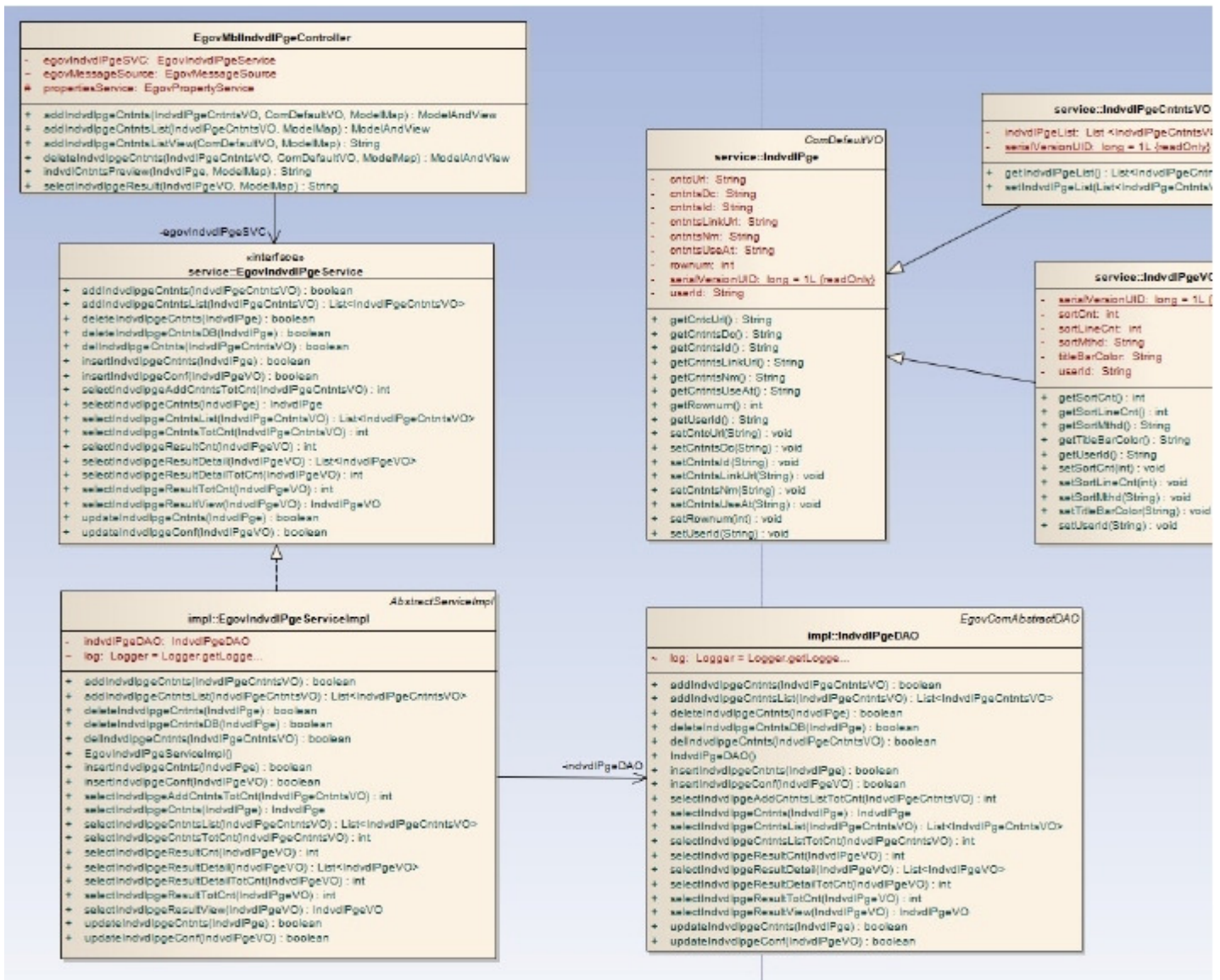
Flow chart



Description

My Page is largely composed of My Page contents list inquiry, My Page contents detail inquiry and My Page view.

Class diagram



Sources

Types	Source names	Notes
C ontroller	egovframework.com.uss.ivp.mpe.web.EgovIndvlpgeC ontroller.java	My Page C ontroller C lass
C ontroller	egovframework.mbl.com.uss.mpe.web.EgovMblIndvlpgeC ontroller.java	My Page Mobile C ontroller C lass
Service	egovframework.com.uss.ivp.mpe.service.EgovIndvlpgeService.java	My Page Service C lass
ServiceImpl	egovframework.com.uss.ivp.mpe.service.impl.EgovIndvlpgeServiceImpl.java	My PageServiceImpl C lass
Model	egovframework.com.uss.ivp.mpe.service.Indvlpge.java	My Page Model C lass
VO	egovframework.com.uss.ivp.mpe.service.IndvlpgeC ntntsVO.java	My Page Content VO C lass
VO	egovframework.com.uss.ivp.mpe.service.IndvlpgeVO.java	My Page Composition VO C lass
VO	egovframework.com.cmm.C omDefaultVO.java	Search VO C lass
DAO	egovframework.com.uss.ivp.mpe.service.impl.IndvlpgeDAO.java	My Page Dao C lass
JSP	/WEB-INF/jsp/egovframework/uss/ivp/mpe/EgovIndvlpgeCntntsList.jsp	My Page Content List Inquiry Page
JSP	/WEB-INF/jsp/egovframework/uss/ivp/mpe/EgovIndvlpgeCntntsRegist.jsp	My Page Content Registration Page
JSP	/WEB-INF/jsp/egovframework/uss/ivp/mpe/EgovIndvlpgeCntntsUpdt.jsp	My Page Content Modification Page
JSP	/WEB-INF/jsp/egovframework/uss/ivp/mpe/EgovIndvlpgeCntntsDetail.jsp	My Page Content Detail Inquiry Page
JSP	/WEB-INF/jsp/egovframework/uss/ivp/mpe/EgovIndvlpgeConfRegist.jsp	My Page Environment Setup Page
JSP	/WEB-INF/jsp/egovframework/uss/ivp/mpe/EgovIndvlpgeList.jsp	My Page Content Add Page
JSP	/WEB-INF/jsp/egovframework/uss/ivp/mpe/EgovIndvlpgeDetail.jsp	My Page Inquiry Page
JSP	/WEB-INF/jsp/egovframework/uss/mbl/com/uss/mpe/EgovIndvlpgeList.jsp	My Page Mobile Content Add Page
JSP	/WEB-INF/jsp/egovframework/mbl/com/uss/mpe/EgovIndvlpgeDetail.jsp	My Page Mobile Inquiry Page
QUERY XML	/egovframework/sqlmap/com/uss/ivp/mpe/EgovIndvlpge_SQL_XXX.xml	My Page QUERY XML
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML that defines Validator Rule
Validator XML	resources/egovframework/validator/com/uss/ivp/mpe/EgovIndvlpge.xml	My Page Validator XML
Message properties	resources/egovframework/message/message-common_ko_KR.properties	My Page Message properties
Idgen XML	resources/egovframework/spring/context-idgen.xml	My Page Content Id GenerationIdgen

ID Generation

- To use ID Generation Service, add CNTNTS_ID to COMTECOPSEQ, the sequence storing table.

```

CREATE TABLE COMTECOPSEQ ( table_namevarchar(16) NOT NULL,
next_id DECIMAL(30) NOT NULL,
PRIMARY KEY (table_name));
INSERT INTO COMTECOPSEQ VALUES('CNTNTS_ID','0');

```

Related tables

Table name	Table name (English)	Notes
My Page content	C OMTN\INDVDLPGE C NTNTS	Inquire the administrator-registered content to My
My Page environment setup	C OMTN\INDVDLPGEESTBS	Set up the screen after inquiring to My Page.
Content added to My Page	C OMTNC NTNTSLIST	Manages content added to My Page

Content provision

Since only the content with mobile format URL (~.mdo) can be managed on My Page content list inquiry screen, the administrator should designate the mobile format link URL (~.mdo)

in advance.

To be able to check the content in advance on My Page content detail inquiry and My Page view screens, the content should be provided in advance.. (Controller method and JSP required)

Provide the contents for Word Dictionary, Administration Word Dictionary and Recommended sites as standard.

Content	Link URL	Detailed URL
Word Dictionary	/uss/olh/wor/WordDicaryMainList.mdo	/uss/olh/wor/WordDicaryListInquire.mdo
Administration Word	/uss/olh/awa/listAdministrationWord.mdo	/uss/olh/awa/listAdministrationWordMain.mdo
Recommended sites	/uss/ion/rec/RecomendSiteMainList.mdo	/uss/ion/rec/RecomendSiteListInquire.mdo

Related functions

My Page content list inquiry

Business rules

Provide a function that allows retrieving My Page content information in a list format. Only the mobile format link URL (~.mdo) and contents with "Y" option for usage can be retrieved. . On My Page view screen, select and add the desired contents.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquiry	/uss/mpe/EgovIndvlpgeAddCntntsList.mdo	addIndvlpgeCntntsListView	
	/uss/mpe/EgovIndvlpgeAddCntntsListActor.mdo	addIndvlpgeCntntsList	"IndvlpgeDAO.addIndvlpgeCntntsList"
List detail	/uss/mpe/indvlpgeCntntsPreview.mdo	indvlpgeCntntsPreview	"IndvlpgeDAO.selectIndvlpgeCntnts"
Add instantly	/uss/mpe/EgovIndvlpgeAddCntnts.mdo	addIndvlpgeCntnts	"IndvlpgeDAO.addIndvlpgeCntnts"



Back: moves to My Page view screen.

Click the list: moves to My Page content detail inquiry screen.

+(Add) image: add contents to My Page so that the contents can be retrieved on My Page view screen. The added contents are not retrieved on My Page content list inquiry screen.

My Page content detail inquiry

Business rules

You can move to this screen by click the list on My Page content list inquiry screen. It shows detailed information on the contents.

You can check the content details in advance and add them to My Page view screen.

In order to use the function of checking content details in advance, you need to provide a separate page if required.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Add instantly	/uss/mpe/EgovIndvlpgeAddCntnts.mdo	addIndvlpgeCntnts	"IndvdlPgeDAO.addIndvlpgeCntnts"



Back: moves to My Page contents list inquiry screen.

Preview: checks content details in advance and click the shortcut button to move the detail view URL.

Add Instantly: add contents to My Page. The added contents are not retrieved on My Page content list inquiry screen.

My Page view

Business rules

Provide a function of checking the content added to My Page.

Provide a function of removing the added content from My Page, a function of checking content details in advance and a function of moving to the detail view URL. In order to use the function of checking content details in advance, you need to provide a separate page if required.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Content registration	/uss/mpe/EgovIndvlpgeAddCntntsList.m	addIndvlpgeCntntsListView	
Delete	/uss/mpe/EgovIndvlpgeDelCntnts.mdo	deleteIndvlpgeCntnts	"IndvdlPgeDAO.delIndvlpgeCntnts"
Preview	/uss/mpe/indvdlCntntsPreview.mdo	indvdlCntntsPreview	



Home: moves to Home screen.

Registration: moves to My Page content list inquiry screen.

Click list: check content details in advance and click the shortcut button to move to the detail view URL.

X(delete) image: remove the content from My Page screen. The removed content can be retrieved and added on My Page content list inquiry screen.

Shortcut: move to detail view URL.

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 My Page(existing web version): [My Page](#)
- Distribution and test: [Mobile Common Component System and distribution package plan](#)