Cooperation – Journal management

Summary

The journal management service is used to record schedules using personal schedule management and department schedule management.
It provides journals on instructions, reports, task journals and particulars.
This function allows users to follow the schedules and manage task progresses in each journal.
In registering journals, the compulsory items are tested by the validator rule which is applied by pre-define validator-rules.kl and validator.xml.
The journal management 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 is used which is defined in the jsfiles below.

- EgovMobile.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.
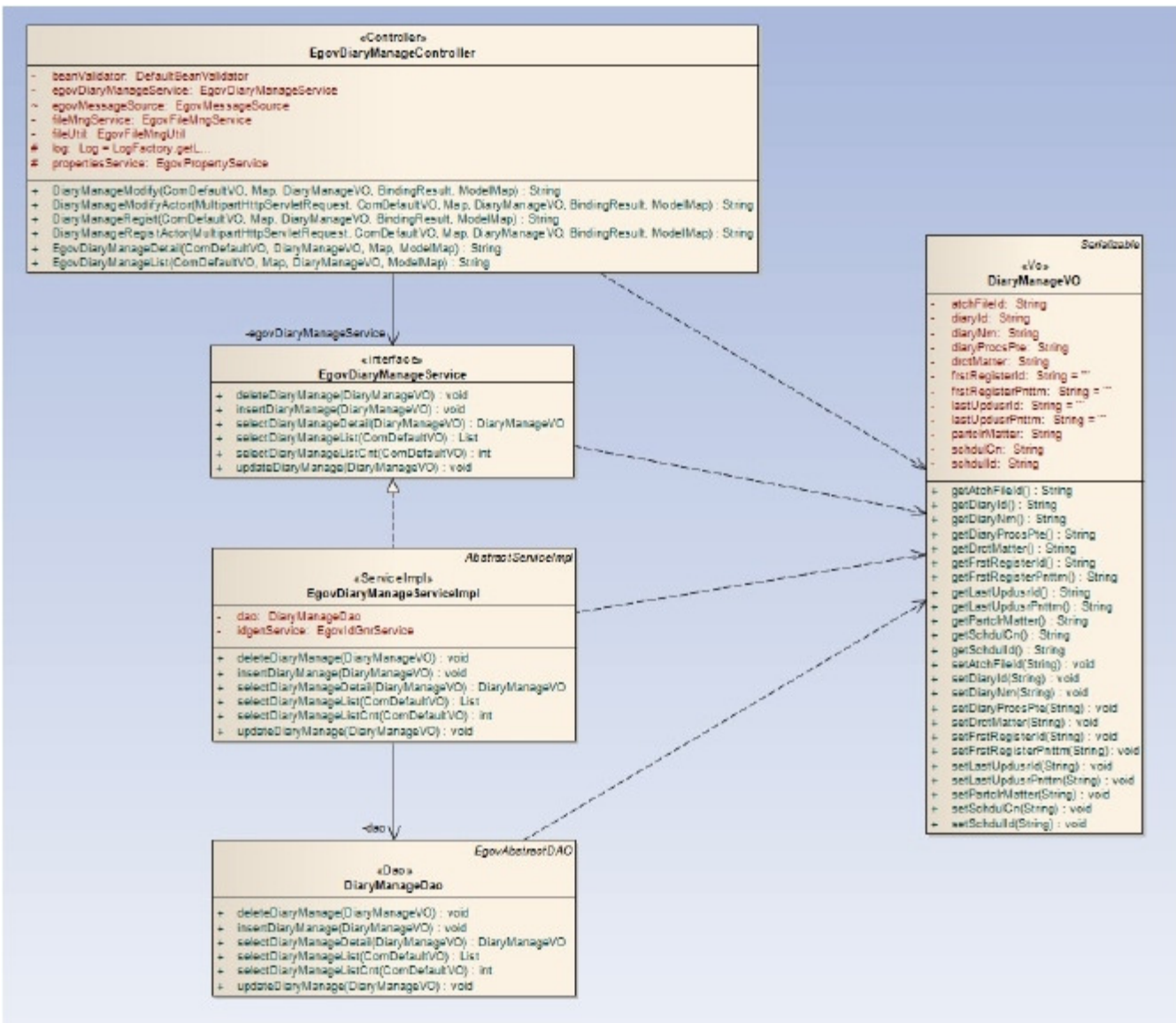
Function Flow

기능명	기능 흐름
일지관리	사용자 로그인 → 일지 등록
일지조회	사용자 로그인 → 일지 조회

Description

The scrap function is composed of journal list inquiry, detailed inquiry and revision functions.

Class diagram

Related Source

Type	Source	Remarks
C ontroller	egovframework.com.cop.smt.dsm.web.EgovDiaryManageC ontroller.java	Controller class for journal management
C ontroller	egovframework.com.cop.smt.dsm.web.EgovMblDiaryManageC ontroller.java	Controller class for mobile journal
Service	egovframework.com.cop.smt.dsm.service.EgovDiaryManageService.java	Service interface for journal management
VO	egovframework.com.cop.smt.dsm.service.DiaryManageVO.java	Service realization class for journal
VO	egovframework.com.cmm.C omDefaultVO.java	Search VOclass for journal management
ServiceImpl	egovframework.com.cop.smt.dsm.service.impl.EgovDiaryManageServiceImpl.java	ServiceImpl Class for the journal
DAO	egovframework.com.cop.smt.dsm.service.impl.DiaryManageDao.java	Dao Class for the journal management
JSP	/WEB-INF/jsp/egovframework/cop/smt/dsm/EgovDiaryManageList.jsp	List inquiry page for journal management
JSP	/WEB-INF/jsp/egovframework/cop/smt/dsm/EgovDiaryManageRegist.jsp	Registration page for journal management
JSP	/WEB-INF/jsp/egovframework/cop/smt/dsm/EgovDiaryManageModify.jsp	Revision page for journal management
JSP	/WEB-INF/jsp/egovframework/cop/smt/dsm/EgovDiaryManageDetail.jsp	Detailed inquiry page for journal
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/smt/dsm/EgovDiaryManageList.jsp	List inquiry mobile page for journal
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/smt/dsm/EgovDiaryManageRegist.jsp	Registration mobile page for journal
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/smt/dsm/EgovDiaryManageModify.jsp	Revision mobile page for journal management
JSP	/WEB-INF/jsp/egovframework/mbl/com/cop/smt/dsm/EgovDiaryManageDetail.jsp	Detailed inquiry mobile page for journal
QUERY XML	/egovframework/sqlmap/com/cop/smt/dsm/EgovDiaryManage.xml	QUERY XML for journal management
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML that defined the validator rule
Validator XML	resources/egovframework/validator/com/cop/smt/dsm/EgovDiaryManage.xml	Validator XML for journal management
Message properties	resources/egovframework/message/message-common_ko_KR.properties	Message properties for journal management
Idgen XML	resources/egovframework/spring/context-idgen.xml	Id generation Idgen XML for journal

ID Generation
To use the ID Generation Service, EXTRLHRINFO_IDshould be added to the sequence storage table, COMTECOPSEQ.

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

Related function
Journal Management List

Business Rule

The information on journals registered about the department schedule and personal schedule can be searched as a list format. By clicking register, it will move to

the registration screen.

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Inquire	/cop/smt/dsm/EgovDiaryManageList.mdo	EgovDiaryManageList	DiaryManage.selectDiaryManage
			DiaryManage.selectDiaryManageCnt
Register	/cop/smt/dsm/EgovDiaryManageList	EgovDiaryManageList	
Click List	/cop/smt/dsm/EgovDiaryManageDetail.mdo	EgovDiaryManageDetail	DiaryManage.selectDiaryManageDetail

The journal management list is inquired by 10 posts per page and the paging consists of one page.
Use journal title, instruction and particulars for search condition.

Home: move to home
Search: Choose the search conditions on the top, type in the text and click search.
Register: move to the journal management screen through the register button
Click the List: move to the detailed journal management inquiry screen

Detailed schedule management inquiry

Business rule

Displays detailed information on the journal.

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List	/cop/smt/dsm/EgovDiaryManageList.mdo	EgovDiaryManageList	DiaryManage.selectDiaryManage
			DiaryManage.selectDiaryManageCnt
Update	/cop/smt/dsm/EgovDiaryManageDetail.mdo	EgovDiaryManageDetail	DiaryManage.selectDiaryManageDetail
Delete	/cop/smt/dsm/EgovDiaryManageModify.mdo	EgovDiaryManageModify	DiaryManage.deleteDiaryManage

Back: move to the journal management list
Update: move to journal management screen by clicking the update button on the bottom
Delete: shows the confirmation message to delete
List: move to the journal management list screen

Journal management registration

Business rule

This inputs and saves journal information on the department schedule and personal schedule. The information input in registration can be chosen from the journal management list inquirt dialog.

The DIARY_IDcolumn in saving is generated automatically given Primary Key ⇒ DIARY_ID (20 digits) : DIARY_ (6 digits) +number
(14 digits) via "egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"

```xml
<!--IdGnrService... START-->
<bean name="diaryManageIdGnrService"
        class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
        destroy-method="destroy">
        <property name="dataSource" ref="dataSource" />
        <property name="strategy" ref="DiaryManageInfotrategy" />
        <property name="blockSize"          value="10"/>
        <property name="table"              value="COMTECOPSEQ"/>
        <property name="tableName"          value="DIARY_ID"/>
</bean>
<bean name="DiaryManageInfotrategy"
        class="egovframework.rte.fdl.idgnr.impl.strategy.EgovIdGnrStrategyImpl">
        <property name="prefix" value="DIARY_" />
        <property name="cipers" value="14" />
        <property name="fillChar" value="0" />
</bean>
<!--IdGnrService... END-->
```

Related code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List	/cop/smt/dsm/EgovDiaryManageList.mdo	EgovDiaryManageList	DiaryManage.selectDiaryManage
			DiaryManage.selectDiaryManageCnt
Save	/cop/smt/dsm/EgovDiaryManageRegist.mdo	EgovDiaryManageRegist	DiaryManage.insertDiaryManage

Back: Move to journal management list screen
Register: registered journal management information is stored
List: move to journal management list screen

Update journal management

Business rule

Stores updated journal management information

Related codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List	/cop/smt/dsm/EgovDiaryManageList.mdo	EgovDiaryManageList	DiaryManage.selectDiaryManage
			DiaryManage.selectDiaryManageCnt
Save	/cop/smt/dsm/EgovDiaryManageModify.mdo	EgovDiaryManageModify	DiaryManage.updateDiaryManage

Back: Move to journal management list screen
Update: updated journal management information is stored
List: move to journal management list screen

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.

Reference

- Refer to journal management (existing web version):Journal management
- Refer to operation environment : ID Generation Service
- Distribution and testing : Mobile Common Component Systemand distribution package composition