

Information Notification Service

Type	Source	Remarks
Controller	egovframework.com.uss.ion.noi.web.EgovNotificationController.java	Controller class for information notification service
Service	egovframework.com.uss.ion.noi.service.EgovNotificationService.java	Service Interface for information notification service
ServiceImpl	egovframework.com.uss.ion.noi.service.impl.EgovNotificationService.java	Service implementation class for information notification service
Model	egovframework.com.uss.ion.noi.service.Notification.java	Model class for information notification service
VO	egovframework.com.uss.ion.noi.service.NotificationVO.java	VO class for information notification service
DAO	egovframework.com.uss.ion.noi.service.impl.NotificationDAO.java	Data processing class for information notification service
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/noi/EgovNotificationRegist.jsp	jsp page for information notification service registration
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/noi/EgovNotificationUpdt.jsp	jsp page for information notification service update
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/noi/EgovNotificationList.jsp	jsp page for information notification service inquiry
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/noi/EgovNotificationDetail.jsp	jsp page for information notification service detail inquiry
JSP	/WEB-INF/jsp/egovframework/com/uss/ion/noi/EgovNotificationData.jsp	XML jsp page for information notification service display
JS	/js/egovframework/uss/ion/noi/EgovNotification.js	js page for information notification service display(AJAX)
Query XML	resources/egovframework/sqlmap/com/uss/ion/noi/EgovNotification_SQL_Mysql.xml	Query file for MySQL for information notification service
Query XML	resources/egovframework/sqlmap/com/uss/ion/noi/EgovNotification_SQL_Oracle.xml	Query file for Oracle for information notification service
Query XML	resources/egovframework/sqlmap/com/uss/ion/noi/EgovNotification_SQL_Tibero.xml	Query file for Tibero for information notification service
Query XML	resources/egovframework/sqlmap/com/uss/ion/noi/EgovNotification_SQL_Altibase.xml	Query file for Altibase for information notification service
Validator Rule XML	resources/egovframework/validator/validator-rules.xml	XML defining Validator Rule
Validator XML	resources/egovframework/validator/com/uss/ion/noi/EgovNtfcRegist.xml	Information notification service Validator XML
Message properties	resources/egovframework/message/com/message-common_ko_KR.properties	Information notification service Message properties

Summary

Provides the notification service function to notify the message registered by the administrator to the user. This function can be used if it is required to notify urgently about the system.

Information Notification provides the contents of information notification to the user by including js provided by information notification in the page always used like main menu part of main screen.

- Function Flow



Description

Information notification service is provided as a information notification service management function for administrator and the function to provide information notification service to user.

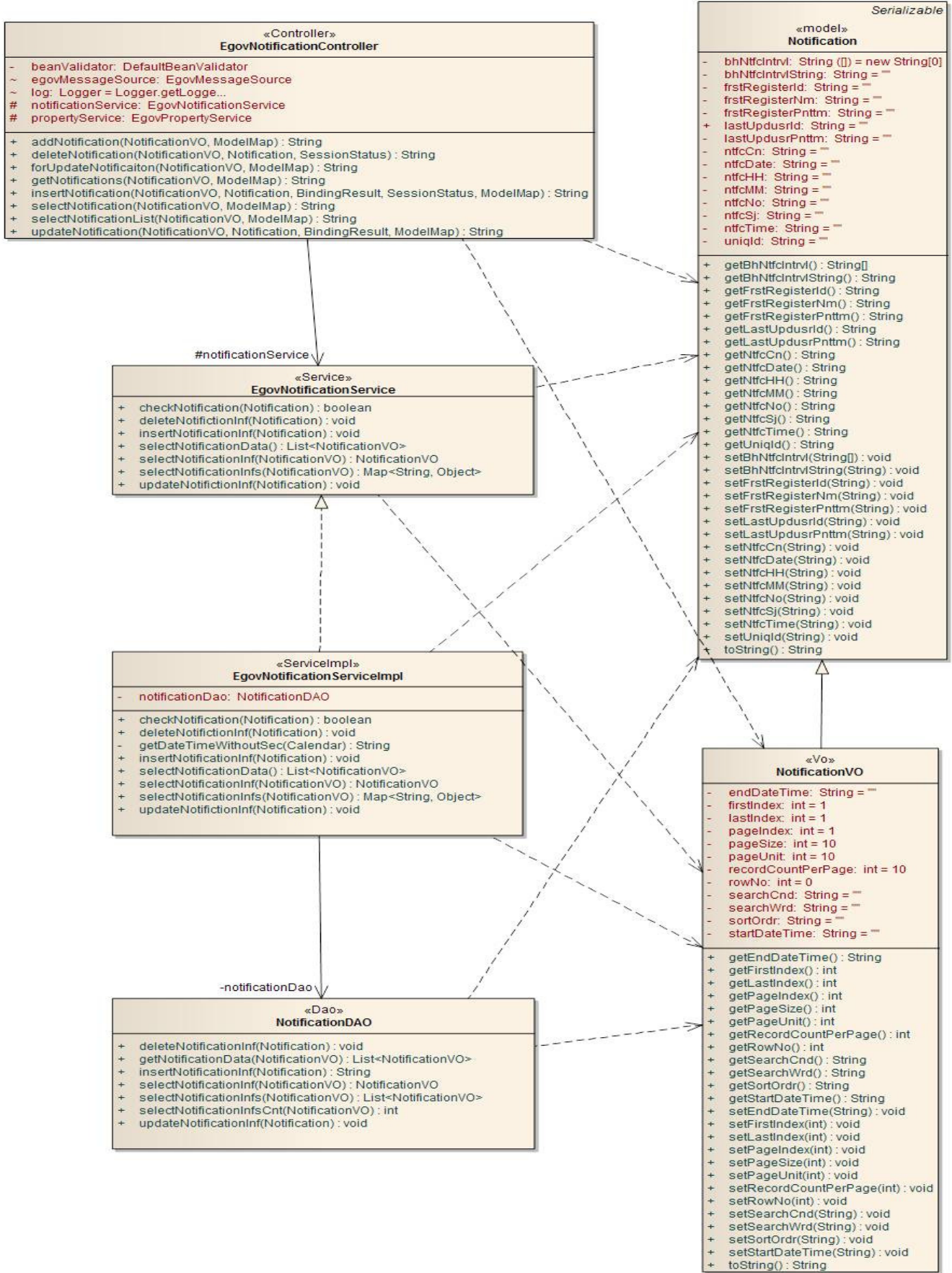
Package Dependency

Information Notification Service Package has direct functional dependency to the common package (cmm) of element technology only. However, it forms the deployment file together with calendar package according to reference relationship between packages so as to be executed without error during component deployment.

- Package Dependency: [User Support Package Dependency](#)

Related Source

Class Diagram



Related Table

Table Name	Table Name(English)	Remarks
Information Notification	COMTNNTFCINFO	Manage information notification information.

Configuration

Registered information notification service includes the following js in the page always used(including Top menu display area) as shown below in order to notify the user.

```
<script type="text/javascript" language="JavaScript" src="<c:url value='/js/egovframework/uss/ion/noi/EgovNotification.js' />"></script>
```

(Information notification for administrator is included in the list inquiry screen for test)

Related Function

Information notification service is composed of **Information Notification Service List Inquiry, Information Notification Service Registration, Information Notification Service Detail Inquiry, Information Notification Service Update, Information Notification Service Display** function.

Information Notification Service List Inquiry

Business Rule

Search condition is performed for the date of notification, title and contents.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
List inquiry	/uss/ion/noi/selectNotificationList.do	selectNotificationList	"NotificationDAO.selectNotificationInfs",
			"NotificationDAO.selectNotificationInfsCnt"

Information notification list is inquired by 10 items per page. The paging consists of 10 pages. To change the scope of search per page, change pageUnit, pageSize of context-properties.xml file. (but, the setting affects overall common component function.)

정보알림이 알림일자

번호	제목	알림시간	사전알림간격	생성일
1	시스템 재기동 안내	2009-10-13 11:05:00	1분,3분,5분	2009-10-13

Inquiry: show the results according to search conditions.
Register: move to **Information Notification Registration Screen.**

Information Notification Service Registration

Business Rule

Register information notification service by selecting the title, contents, the date of notification and prior notification interval. When registration is successful, move to **Information Notification Service List Inquiry** screen. Prior notification interval indicates the message display time before given notification time. That is, if the notification time is designated to 13:00, 1 minute can be designated to 12:59, 3 minutes to 12:57. (multiple selection available)

Related Codes

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Registration screen	/uss/ion/noi/addNotification.do	addNotification	
Registration	/uss/ion/noi/insertNotification.do	insertNotification	"NotificationDAO.insertNotificationInf"

정보알림이 생성

제목 *

내용 *

알림일자 * 

사전알림간격 * 1분: 3분: 5분: 10분: 30분:

알림시간 * 선택 선택

Register: register entered information.
 List: move to **Information Notification List Inquiry** page.

Information Notification Service Detail Inquiry

Business Rule

Provide the function to update and delete information for information notification service (indicated in case of registered user)

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Detail Inquiry	/uss/ion/noi/selectNotification.do	selectNotification	"NotificationDAO.selectNotificationInf"
Delete	/uss/ion/noi/deleteNotification.do	deleteNotification	"NotificationDAO.deleteNotificationInf"

정보알림이 - 상세조회

제목		시스템 재기동 안내	
내용			
알림시간		2009-10-26 11:21:00	사전알림간격 1분, 3분, 5분, 10분
작성자		TEST2	작성시간 2009-10-26 00:00:00

수정 삭제 목록

List: inquires the lists for information notification.
 Update: moves to **Update Page** for updating information notification
 Delete: deletes information notification.

Information Notification Service Update

Business Rule

Date or time of notification should be the time after the current time.

Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Update screen	/uss/ion/noi/forUpdateNotification.do	forUpdateNotificaion	
Update	/uss/ion/noi/updateNotification.do	updateNotification	"NotificationDAO.updateNotificationInf"

정보알림이 수정

제목 *	시스템 재기동 안내		
내용 *	이수테스트를 위하여 시스템을 재기동 합니다. 작업을 마무리 해주세요.		
알림일자 *	2009-10-26	알림시간 *	11시 21분
사전알림간격 *	1분: <input checked="" type="checkbox"/>	3분: <input checked="" type="checkbox"/>	5분: <input checked="" type="checkbox"/> 10분: <input checked="" type="checkbox"/> 30분: <input type="checkbox"/>

수정 목록

Information Notification Service Display

Business Rule

If there are any contents to display to user in XML to be processed through AJAX, XML as shown in the following screen is provided. In this case, following alert contents are displayed through the provided js(EgovNotification.js).

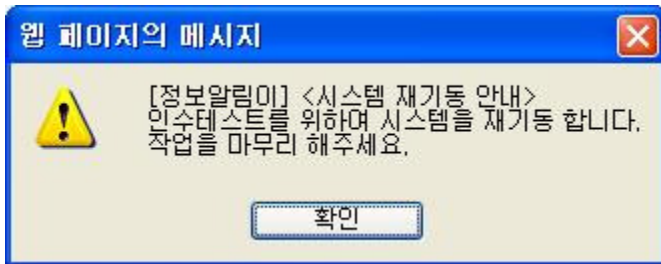
Related Code

N/A

Screen and execution manual

Action	URL	Controller method	QueryID
Information display	/uss/ion/noi/getNotifications.do	getNotifications	"NotificationDAO.getNotificationData"

```
<?xml version="1.0" encoding="utf-8" ?>
- <root>
- <list>
  <time>2009-10-26 13:24:00</time>
  <title>시스템 재기동 안내</title>
  <contents>인수테스트를 위하여 시스템을 재기동 합니다. 작업을 마무리 해주세요.</contents>
</list>
</root>
```



If there is no contents provided for reference, following XML is provided.

```
<?xml version="1.0" encoding="utf-8" ?>
<root />
```