

## System management – Holiday management

### Summary

Holiday management provides the registration, update, list inquiry, and detailed inquiry of holiday.

### Description

Management of holiday is comprised so that list inquiry, detailed inquiry, registration, update, and deletion can be conducted.

### Related Source

| Type        | Name of Corresponeded Source   | Remarks  |
|-------------|--|--|
| Controller  | egovframework.com.sym.cal.web.EgovCalRestdeManageController.java           | Controller class for calendar, holiday management                    |
| Model       | egovframework.com.sym.cal.service.Restde.java                              | Holiday information model class                                      |
| VO          | egovframework.com.sym.cal.service.RestdeVO.java                            | VO class for calendar, holiday management                            |
| Service     | egovframework.com.sym.cal.service.EgovCalRestdeManageService.java          | Service interface for calendar, holiday management                   |
| ServiceImpl | egovframework.com.sym.cal.service.impl.EgovCalRestdeManageServiceImpl.java | Service implementation class for calendar, holiday management        |
| DAO         | egovframework.com.sym.cal.service.impl.RestdeManageDAO.java                | Data processing class for holiday information management             |
| JS          | /webapp/js/egovframework/cmm/sym/cal/EgovCalPopup.js                       | JavaScript for general calendar, administrative calendar pop-up call |
| JSP         | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovAdministCalPopup.jsp            | JSP page for administrative calendar pop-up                          |
| JSP         | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovAdministCalendar.jsp            | JSP page for the contents of administrative calendar pop-up          |
| JSP         | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovAdministDayCalendar.jsp         | JSP page for the daily issue of administrative calendar              |
| JSP         | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovAdministMonthCalendar.jsp       | JSP page for the monthly issue of administrative calendar            |
| JSP         | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovAdministWeekCalendar.jsp        | JSP page for the weekly issue of administrative calendar             |
| JSP         | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovAdministYearCalendar.jsp        | JSP page for the yearly issue of administrative calendar             |
| JSP         | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovNormalCalPopup.jsp              | JSP page for general calendar pop-up                                 |
| JSP         | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovNormalCalendar.jsp              | JSP page for the contents of general                                 |

|     |  |  |
|-----|--|--|
|     |  | calendar pop-up                                    |
| JSP | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovNormalDayCalendar.jsp   | JSP page for the daily issue of general calendar   |
| JSP | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovNormalMonthCalendar.jsp | JSP page for the monthly issue of general calendar |
| JSP | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovNormalWeekCalendar.jsp  | JSP page for the weekly issue of general calendar  |
| JSP | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovNormalYearCalendar.jsp  | JSP page for the yearly issue of general calendar  |
| JSP | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovRestdeDetail.jsp        | JSP page for holiday detailed inquiry              |
| JSP | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovRestdeList.jsp          | JSP page for holiday list                          |
| JSP | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovRestdeModify.jsp        | JSP page for holiday update                        |
| JSP | /WEB-INF/jsp/egovframework/cmm/sym/cal/EgovRestdeRegist.jsp        | JSP page for holiday registration                  |

### Related Table

| Name of table | Name of table (English) | Remarks                         |
|---------------|-------------------------|---------------------------------|
| Holiday       | COMTNRESTDE             | Manage the holiday information. |

### Environment setup

Item and its environment setup required for the holiday management function are as follows.

#### context-idgen.xml

```
<bean name="egovRestDeIdGnrService"
  class="egovframework.rte.fdl.idgnr.impl.EgovTableIdGnrService"
  destroy-method="destroy">
  <property name="dataSource" ref="dataSource" />
  <property name="blockSize" value="10"/>
  <property name="table" value="COMTECOPSEQ"/>
  <property name="tableName" value="RESTDE_ID"/>
</bean>
```

- In order to utilize the ID Generation Service, the RESTDE\_ID item shall be added to the COMTECOPSEQ which is the Sequence save table.

```
CREATE TABLE COMTECOPSEQ ( table_name varchar(16) NOT NULL,
  next_id DECIMAL(30) NOT NULL,
  PRIMARY KEY (table_name)
);
```

```
INSERT INTO COMTECOPSEQ VALUES('RESTDE_ID','0');
```

### Usage

#### General calendar pop-up

For the calling of general calendar pop-up, following items are applied. The `_editor_url` variable shall always be located at the row higher than the Java script which calls the `EgovCalPopup.js`. (Because, it receives the value by declaring the variable.)

```
<script type="text/javascript">
_editor_url = "<c:url value='/html/egovframework/com/cmm/utl/htmlarea3.0/'/>";
</script>
```

```
<script type="text/javascript" src="<c:url value='/js/egovframework/cmm/sym/cal/EgovCalPopup.js' />" ></script>
```

```
<script type="text/javascript" src="<c:url value='/js/egovframework/cmm/sym/cal/EgovCalPopup.js' />" ></script> </code>
```

For the calling of general calendar pop-up, register `EgovCalPopup.js` to the corresponding page.

```
<form name="Form1" action = "<c:url value='/sym/cmm/EgovNormalCalPopup.do/'>"
method="post">
  <input type="hidden" name="sDate" value="" size="8" readonly
onClick="javascript:fn_egov_NormalCalendar(document.Form1, document.Form1.sDate,
document.Form1.vDate);" />
  <input type="text" name="vDate" value="" size="10" readonly
onClick="javascript:fn_egov_NormalCalendar(document.Form1, document.Form1.sDate,
document.Form1.vDate);" />
  
</form>
```

In order to receive the date to the form to be used, it is used by calling as in the case of the above sample source. The `sDate` receives 8 digits for the date of the year, month, and day, and in the case of the `vDate`, '-' is included in the reception.



**※ Usage without calendar pop-up DB**

In the case of using the pop-up calendar without database and not to manage the holiday with general calendar pop-up, it can be changed as follows.

| URL                                  | Controller                    |
|--------------------------------------|-------------------------------|
| /sym/cmm/EgovselectNormalCalendar.do | EgovCalRestdeManageController |

Following source code items

```
restde.setYear(Integer.toString(iYear));
restde.setMonth(Integer.toString(iMonth));

cal.set(iYear,iMonth-1,1);
```

```
restde.setStartWeekMonth(cal.get(Calendar.DAY_OF_WEEK));
restde.setLastDayMonth(cal.getActualMaximum(Calendar.DATE));
```

```
List CalInfoList = restdeManageService.selectNormalRestdePopup(restde);
```

can be used by changing as follows.

```
cal.set(iYear,iMonth-1,1);
```

```
int firstWeek = cal.get(Calendar.DAY_OF_WEEK);
int lastDay   = cal.getActualMaximum(Calendar.DATE);
int week      = cal.get(Calendar.DAY_OF_WEEK);
```

```
String year   = Integer.toString(iYear);
String month  = Integer.toString(iMonth);
String day    = Integer.toString(cal.get(Calendar.DAY_OF_MONTH));
```

```
restde.setStartWeekMonth(firstWeek);
restde.setLastDayMonth(lastDay);
restde.setYear(year);
restde.setMonth(month);
```

```
List CalInfoList = new ArrayList();
String tmpDay = "";
```

```
/**
 * Calculation... START
 */
for(int i=0; i<42;i++) {
    ListOrderedMap map = new ListOrderedMap();
    int cc = i + 1;
    int dd = cc-firstWeek+1;

    if (dd > 0 && dd <= lastDay) {
        tmpDay = Integer.toString(dd);
    } else {
        tmpDay = "";
    }

    map.put("year",    year);
    map.put("month",  month);
    map.put("day",    tmpDay);
    map.put("cellNum", cc);
    map.put("weeks",  (cc - 1) / 7 + 1);
    map.put("week",   (week-1) % 7 + 1);
    map.put("restAt", ((week-1) % 7 + 1==1) ? "Y" : "N");

    if (dd > 0 && dd <= lastDay) {
        week ++;
    }
    CalInfoList.add(map);
}
/**
 * Calculation... END
 */
```

---

## Administrative calendar pop-up

For the calling of administrative calendar pop-up, following items are applied. The `_editor_url` variable shall always be located at the row higher than the Java script which calls the `EgovCalPopup.js`. (Because, it receives the value by declaring the variable.)

```
<script type="text/javascript">
_editor_url = "<c:url value='/html/egovframework/com/cmm/utl/htmlarea3.0/'/>";
</script>

<script type="text/javascript" src="<c:url value='/js/egovframework/cmm/sym/cal/EgovCalPopup.js' />" ></script>
```

For the calling of administrative calendar pop-up, register `EgovCalPopup.js` to the corresponding page.

```
<form name="Form2" action = "<c:url value='/sym/cmm/EgovAdministCalPopup.do/'>"
method="post">
  <input type="hidden" name="sDate" value="" size="8" readonly
onClick="javascript:fn_egov_AdministCalendar(document.Form2, document.Form2.sDate,
document.Form2.vDate);" />
  <input type="text" name="vDate" value="" size="10" readonly
onClick="javascript:fn_egov_AdministCalendar(document.Form2, document.Form2.sDate,
document.Form2.vDate);" />
  
</form>
```

In order to receive the date to the form to be used, it is used by calling as in the case of the above sample source. The `sDate` receives 8 digits for the date of the year, month, and day, and in the case of the `vDate`, '-' is included in the reception.



### Holiday list

This is the list inquiry screen with which holiday list inquiry can be accomplished, and the URL is as follows.

`/sym/cal/EgovRestdeList.do`

| Function     | URL                                     | Controller                                 | method                        | Screen (URL)                             |
|--------------|---|--|-------------------------------|--|
| List inquiry | <code>/sym/cal/EgovRestdeList.do</code> | <code>EgovCalRestdeManageController</code> | <code>selectRestdeList</code> | <code>/cmm/sym/cal/EgovRestdeList</code> |

Holiday list is inquired with the unit of 10 cases per page, and paging is realized with the unit of 10 pages.

Search condition is performed for the number of holiday, and name of holiday.

In the case of changing the search range per page, change the `pageUnit`, `pageSize` of `context-properties.xml` file. (However, corresponding setup exerts influence to the entire common service functions.)

| 순번 | 휴일일자       | 휴일명   | 휴일구분  |
|----|------------|-------|-------|
| 1  | 2009-01-01 | 신정    | 법정공휴일 |
| 2  | 2009-01-25 | 설날    | 법정공휴일 |
| 3  | 2009-01-26 | 설날    | 법정공휴일 |
| 4  | 2009-01-27 | 설날    | 법정공휴일 |
| 5  | 2009-05-02 | 석가탄신일 | 임시공휴일 |
| 6  | 2009-03-01 | 삼일절   | 법정공휴일 |
| 7  | 2009-06-06 | 현충일   | 법정공휴일 |
| 8  | 2009-08-15 | 광복절   | 법정공휴일 |
| 9  | 2009-10-02 | 추석    | 법정공휴일 |
| 10 | 2009-10-03 | 추석    | 법정공휴일 |

### Holiday registration

This is the registration screen with which holiday can be registered, and the URL is as follows.

/sym/cal/EgovRestdeRegist.do

| Function     | URL                          | Controller                    | method       | Screen (URL)                  |
|--------------|------------------------------|-------------------------------|--------------|-------------------------------|
| Registration | /sym/cal/EgovRestdeRegist.do | EgovCalRestdeManageController | insertRestde | /cmm/sym/cal/EgovRestdeRegist |

Register detailed contents of holiday. If registration is succeeded, it is moved to the [holiday list](#) screen.

### 휴일 등록

|        |                      |
|--------|----------------------|
| 휴일일자 * | <input type="text"/> |
| 휴일명 *  | <input type="text"/> |
| 휴일설명 * | <input type="text"/> |
| 휴일구분 * | 법정휴일                 |

목록 저장

### Holiday update

This is the update screen with which holiday can be modified, and the URL is as follows.

/sym/cal/EgovRestdeModify.do

| Function | URL                          | Controller                    | method       | Screen (URL)                  |
|----------|------------------------------|-------------------------------|--------------|-------------------------------|
| Update   | /sym/cal/EgovRestdeModify.do | EgovCalRestdeManageController | updateRestde | /cmm/sym/cal/EgovRestdeModify |

If modification is succeeded, it is moved to the [holiday list](#) screen.

휴일 수정

|        |            |
|--------|------------|
| 휴일일자 * | 2009-01-01 |
| 휴일명 *  | 신정         |
| 휴일설명 * | 신정         |
| 휴일구분 * | 법정공휴일      |

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### Holiday detailed inquiry

This is the detailed inquiry screen with which holiday can be inquired in detail, and the URL is as follows.

/sym/cal/EgovRestdeDetail.do

| Function         | URL                          | Controller                    | method             | Screen (URL)                  |
|------------------|------------------------------|-------------------------------|--------------------|-------------------------------|
| Detailed inquiry | /sym/cal/EgovRestdeDetail.do | EgovCalRestdeManageController | selectRestdeDetail | /cmm/sym/cal/EgovRestdeDetail |
| Deletion         | /sym/cal/EgovRestdeRemove.do | EgovCalRestdeManageController | deleteRestde       | /cmm/sym/cal/EgovRestdeDetail |

Deletion processing is included in the detailed inquiry, and if deletion is succeeded, it is moved to the [holiday list](#) screen.

휴일 상세조회

|        |            |
|--------|------------|
| 휴일일자 * | 2009-01-01 |
| 휴일명 *  | 신정         |
| 휴일설명 * | 신정         |
| 휴일구분 * | 법정공휴일      |

수정 삭제 목록

### General calendar daily/weekly/monthly/yearly

This is the inquiry screen with which general calendar daily/weekly/monthly/yearly can be inquired, and the URL is as follows.

| Function        | URL                                 | Controller                    | method                    | Screen (URL)                         |
|-----------------|-------------------------------------|-------------------------------|---------------------------|--------------------------------------|
| Daily inquiry   | /sym/cal/EgovNormalDayCalendar.do   | EgovCalRestdeManageController | selectNormalDayCalendar   | /cmm/sym/cal/EgovNormalDayCalendar   |
| Weekly inquiry  | /sym/cal/EgovNormalWeekCalendar.do  | EgovCalRestdeManageController | selectNormalWeekCalendar  | /cmm/sym/cal/EgovNormalWeekCalendar  |
| Monthly inquiry | /sym/cal/EgovNormalMonthCalendar.do | EgovCalRestdeManageController | selectNormalMonthCalendar | /cmm/sym/cal/EgovNormalMonthCalendar |
| Yearly inquiry  | /sym/cal/EgovNormalYearCalendar.do  | EgovCalRestdeManageController | selectNormalYearCalendar  | /cmm/sym/cal/EgovNormalYearCalendar  |

일반달력 일간

2009년 04월 29일

Daily

| 요일 | 날짜           | 휴일 |
|----|--------------|----|
| 수  | 2009년 4월 29일 |    |

일반달력 주간

2009년 04월 선택 주

Weekly

| 요일 | 날짜           | 휴일 |
|----|--------------|----|
| 일  | 2009년 4월 26일 |    |
| 월  | 2009년 4월 27일 |    |
| 화  | 2009년 4월 28일 |    |
| 수  | 2009년 4월 29일 |    |
| 목  | 2009년 4월 30일 |    |
| 금  | 2009년 5월 1일  |    |
| 토  | 2009년 5월 2일  |    |

일반달력 월간

2009년 04월

Monthly

| 일  | 월  | 화  | 수       | 목  | 금  | 토  |
|----|----|----|---------|----|----|----|
|    |    |    | 1<br>임시 | 2  | 3  | 4  |
| 5  | 6  | 7  | 8       | 9  | 10 | 11 |
| 12 | 13 | 14 | 15      | 16 | 17 | 18 |
| 19 | 20 | 21 | 22      | 23 | 24 | 25 |
| 26 | 27 | 28 | 29      | 30 |    |    |



1월

| 일         | 월         | 화        | 수       | 목  | 금  | 토  |
|-----------|-----------|----------|---------|----|----|----|
|           |           |          | 1<br>신정 | 2  | 3  |    |
| 4         | 5         | 6        | 7       | 8  | 9  | 10 |
| 11        | 12        | 13       | 14      | 15 | 16 | 17 |
| 18        | 19        | 20       | 21      | 22 | 23 | 24 |
| 25<br>미조달 | 26<br>미조달 | 27<br>설날 | 28      | 29 | 30 | 31 |

Yearly

2월

| 일  | 월  | 화  | 수  | 목  | 금  | 토  |
|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |

### Administrative calendar daily/weekly/monthly/yearly

This is the inquiry screen with which administrative calendar daily/weekly/monthly/yearly can be inquired, and the URL is as follows.

| Function        | URL                                   | Controller                    | method                      | Screen (URL)                           |
|-----------------|---------------------------------------|-------------------------------|-----------------------------|--|
| Daily inquiry   | /sym/cal/EgovAdministDayCalendar.do   | EgovCalRestdeManageController | selectAdministDayCalendar   | /cmm/sym/cal/EgovAdministDayCalendar   |
| Weekly inquiry  | /sym/cal/EgovAdministWeekCalendar.do  | EgovCalRestdeManageController | selectAdministWeekCalendar  | /cmm/sym/cal/EgovAdministWeekCalendar  |
| Monthly inquiry | /sym/cal/EgovAdministMonthCalendar.do | EgovCalRestdeManageController | selectAdministMonthCalendar | /cmm/sym/cal/EgovAdministMonthCalendar |
| Yearly inquiry  | /sym/cal/EgovAdministYearCalendar.do  | EgovCalRestdeManageController | selectAdministYearCalendar  | /cmm/sym/cal/EgovAdministYearCalendar  |

Daily inquiry

| 요일 | 날짜           | 휴일 |
|----|--------------|----|
| 수  | 2009년 4월 29일 |    |

Weekly inquiry

행정달력 주간 2009년 04월 선택 주

| 요일 | 날짜           | 휴일    |
|----|--------------|-------|
| 일  | 2009년 4월 26일 |       |
| 월  | 2009년 4월 27일 |       |
| 화  | 2009년 4월 28일 |       |
| 수  | 2009년 4월 29일 |       |
| 목  | 2009년 4월 30일 |       |
| 금  | 2009년 5월 1일  |       |
| 토  | 2009년 5월 2일  | 석가탄신일 |

Monthly inquiry

행정달력 월간 2009년 04월

| 일  | 월  | 화                        | 수       | 목  | 금  | 토  |
|----|----|--------------------------|---------|----|----|----|
|    |    |                          | 1<br>임시 | 2  | 3  | 4  |
| 5  | 6  | 7<br>임시 휴일 테스트<br>테스트 임시 | 8       | 9  | 10 | 11 |
| 12 | 13 | 14                       | 15      | 16 | 17 | 18 |
| 19 | 20 | 21                       | 22      | 23 | 24 | 25 |
| 26 | 27 | 28                       | 29      | 30 |    |    |

Yearly inquiry

행정달력 연간 2009년

1 분

| 일        | 월        | 화        | 수       | 목  | 금  | 토  |
|----------|----------|----------|---------|----|----|----|
|          |          |          | 1<br>신정 | 2  | 3  |    |
| 4        | 5        | 6        | 7       | 8  | 9  | 10 |
| 11       | 12       | 13       | 14      | 15 | 16 | 17 |
| 18       | 19       | 20       | 21      | 22 | 23 | 24 |
| 25<br>절날 | 26<br>절날 | 27<br>절날 | 28      | 29 | 30 | 31 |

2 분

| 일  | 월  | 화  | 수  | 목  | 금  | 토  |
|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |