

Element Technology – Computing Date/Time/Day

Summary

It provides a function to compute the given date and time.

Description

It provides a function to compute year, month, day and time that are to be calculated and inserted in the date field.

Related Sources

Type	Corresponding Sources	Description	Remarks
Service	egovframework.com.utl.fcc.service.EgovDateUtil.java	A utility related to the Date processing	
Controller	egovframework.com.utl.fcc.web.EgovDateUtilController.java	A controller for testing	
JSP	/WEB-INF/jsp/egovframework/cmm/utl/EgovWeekCalc.jsp	A test page	

Method

Output	Method	Description	Details
String	addYMDtoDayTime(String sDate, String sTime, int year, int month, int day, int hour, int minute, String formatStr)	Computing the date/time	A function to compute the year, month, day, hour and minute to be inserted in the date field
String	addYMDtoWeek(String sDate, int year, int month, int day)	Computing the day	A function to check the day by computing the year, month and day in the date field

Input

- Date: A String- type date (ex. 20090501)
- Time: A String- type time (ex. 2035)
- Year: An int- type year (ex. 1)
- Month: An int- type month (ex. 2)
- Day: An int- type day (ex. 10)
- Hour: An int- type hour (ex. 5)
- Minute: An int- type minute (ex. 30)
- Format String: A String- type Date Format String (ex. Yyyy(year) MM(month) dd(day) HH(hour) mm(minute) ss(second))
- Validation Check: [Element Technology validation check](#)

Output

- String

Manual

```
import egovframework.com.utl.fcc.service.EgovDateUtil;
```

```
...  
String sDate = "20080820";  
int sDay = Integer.parseInt(request.getParameter("sDay"));  
String resDate = EgovDateUtil.addYMDtoDayTime(sDate, "0000", 0, 0, sDay, 0, 0, "yyyyMMdd");
```

```
...  
String sDate = "20080820";  
String sTime = "2030";  
int sHour = 2;  
String resDate = EgovDateUtil.addYMDtoDayTime(sDate, sTime, 0, 0, 0, sHour, 0, "yyyyMMddHHmm");
```

```
...  
String sDate = "20080820";  
int sYear = 1;  
int sMonth = 0;  
int sDay = 5;  
String resDate = EgovDateUtil.addYMDtoWeek(sDate, sYear, sMonth, sDay);
```

```
...
```