

JAVA.UTIL.GREGORIANCALENDAR.GETMAXIMUM METHOD

http://www.tutorialspoint.com/java/util/gregorianCalendar_getmaximum.htm

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Description

The **java.util.GregorianCalendar.getMaximumintfield** method returns the maximum value for the given calendar field of this GregorianCalendar instance. The maximum value is defined as the largest value returned by the get method for any possible time value, taking into consideration the current values of the getFirstDayOfWeek, getMinimalDaysInFirstWeek, getGregorianChange and getTimeZone methods.

Declaration

Following is the declaration for **java.util.GregorianCalendar.getMaximum** method

```
public int getMaximum(int field)
```

Parameters

- **field** -- the calendar field

Return Value

This method returns the maximum value for the given calendar field.

Exception

- **NA**

Example

The following example shows the usage of java.util.GregorianCalendar.getMaximum method.

```
package com.tutorialspoint;

import java.util.*;

public class GregorianCalendarDemo {

    public static void main(String[] args) {

        // create a new calendar
        GregorianCalendar cal =
            (GregorianCalendar) GregorianCalendar.getInstance();

        // print the current date and time
        System.out.println(" " + cal.getTime());

        // get maximum for day_of_month
        int min = cal.getMaximum(GregorianCalendar.DAY_OF_MONTH);
        System.out.println("Maximum:" + min);

        // get maximum for YEAR
        min = cal.getMaximum(GregorianCalendar.YEAR);
        System.out.println("Maximum:" + min);

    }
}
```

Let us compile and run the above program, this will produce the following result:

```
Fri May 18 12:35:56 EEST 2012
Maximum:31
```

Maximum: 292278994

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