

JAVA.UTIL.GREGORIANCALENDAR.GETACTUALMAXIMUM METHOD

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

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Description

The **java.util.GregorianCalendar.getActualMaximum(int field)** method returns the maximum value that this calendar field could have, taking into consideration the given time value and the current values of the `getFirstDayOfWeek`, `getMinimalDaysInFirstWeek`, `getGregorianChange` and `getTimeZone` methods.

Declaration

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

```
public int getActualMaximum(int field)
```

Parameters

- **field** -- the calendar field

Return Value

This method returns the maximum of the given field for the time value of this `GregorianCalendar`

Exception

- NA

Example

The following example shows the usage of `java.util.GregorianCalendar.getActualMaximum` 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 actual maximum for day_of_month
        int max = cal.getActualMaximum(GregorianCalendar.DAY_OF_MONTH);
        System.out.println("Actual Maximum:" + max);

        // get actual maximum for YEAR
        max = cal.getActualMaximum(GregorianCalendar.YEAR);
        System.out.println("Actual Maximum:" + max);

    }
}
```

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

```
Fri May 18 02:45:55 EEST 2012
Actual Maximum:31
```

Actual Maximum:292278994

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