

JAVA.UTIL.TIMEZONE.GETOFFSET METHOD

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

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Description

The **getOffset**(*era*, *intyear*, *intmonth*, *intday*, *intdayOfWeek*, *intmilliseconds*) method is used to get the time zone offset, for current date, modified in case of daylight savings. This is the offset to add to UTC to get local time.

Declaration

Following is the declaration for **java.util.TimeZone.getOffset** method.

```
public abstract int getOffset(int era, int year, int month, int day, int dayOfWeek, int milliseconds)
```

Parameters

- **era** -- This is the era of the given date.
- **year** -- This is the year in the given date.
- **month** -- This is the month in the given date.
- **day** -- This is the day-in-month of the given date.
- **dayOfWeek** -- This is the day-of-week of the given date.
- **milliseconds** -- This is the milliseconds in day in standard local time.

Return Value

The method call returns the offset in milliseconds to add to GMT to get local time.

Exception

- **NA**

Example

The following example shows the usage of `java.util.TimeZone.getOffset`

```
package com.tutorialspoint;

import java.util.*;

public class TimeZoneDemo {
    public static void main( String args[] ){

        // create time zone object
        TimeZone timezone = TimeZone.getTimeZone("Europe/Paris");

        // checking offset value
        System.out.println("Offset value is :" + timezone.getOffset(1, 2011, 2, 2, 2, 300));
    }
}
```

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

```
Offset value is :3600000
```

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