

JAVA.UTIL.CALENDAR.GETDISPLAYNAMES METHOD

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

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Description

The **java.util.Calendar.getDisplayNames** method returns a Map containing all names of the calendar field in the given **style** and **locale** and their corresponding **field** values.

Declaration

Following is the declaration for **java.util.Calendar.getDisplayNames** method

```
public Map<String,Integer> getDisplayNames(int field,int style,Locale locale)
```

Parameters

- **field** -- the calendar field.
- **style** -- the style that will be applied to the string representations
- **locale** -- the string representation locale

Return Value

The method returns a Map containing all display names in style and locale and their field values, or **null** if no string representation is available.

Exception

- **IllegalArgumentException** - if field or style are invalid, or if this Calendar is non-lenient and any of the fields has invalid values
- **NullPointerException** - if locale is null

Example

The following example shows the usage of java.util.calendar.getDisplayNames method.

```
package com.tutorialspoint;

import java.util.*;

public class CalendarDemo {

    public static void main(String[] args) {

        // create calendar and locale
        Calendar now = Calendar.getInstance();
        Locale locale = Locale.getDefault();

        // call the getdisplaynames method
        Map<String,Integer> representations =
        now.getDisplayNames(Calendar.DAY_OF_WEEK, Calendar.LONG, locale);
        NavigableMap<String,Integer> navMap =
        new TreeMap<String,Integer>(representations);

        // print the results
        System.out.printf("Whole list:%n%s%n", navMap);
    }
}
```

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

Whole list:

```
{Monday=2, Sunday=1, Thursday=5, Friday=6, Saturday=7, Wednesday=4, Tuesday=3}
```

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