

FLEX - DATECHOOSEN CONTROL

Introduction

The DateChooser control is used to display the name of a month, the year, and a grid of the days of the month, with columns labeled for the day of the week.

The DateChooser control let the user to select a date, a range of dates, or multiple dates. The control contains forward and back arrow buttons for changing the month and year.

Class declaration

Following is the declaration for **mx.controls.DateChooser** class:

```
public class DateChooser
  extends UIComponent
  implements IFocusManagerComponent, IFontContextComponent
```

Public properties

S.N. Property & Description

1

allowDisjointSelection : Boolean

If true, specifies that non-contiguous *disjoint* selection is allowed in the DateChooser control.

2

allowMultipleSelection : Boolean

If true, specifies that multiple selection is allowed in the DateChooser control.

3

dayNames : Array

The weekday names for DateChooser control.

4

disabledDays : Array

The days to disable in a week.

5

disabledRanges : Array

Disables single and multiple days.

6

displayedMonth : int

Used together with the displayedYear property, the displayedMonth property specifies the month displayed in the DateChooser control.

7

displayedYear : int

Used together with the displayedMonth property, the displayedYear property specifies the year displayed in the DateChooser control.

8

firstDayOfWeek : Object

Number representing the day of the week to display in the first column of the DateChooser control.

9

maxYear : int

The last year selectable in the control.

10

minYear : int

The first year selectable in the control.

11

monthNames : Array

Names of the months displayed at the top of the DateChooser control.

12

monthSymbol : String

This property is appended to the end of the value specified by the monthNames property to define the names of the months displayed at the top of the DateChooser control.

13

selectableRange : Object

Range of dates between which dates are selectable.

14

selectedDate : Date

Date selected in the DateChooser control.

15

selectedRanges : Array

Selected Date ranges.

16

showToday : Boolean

If true, specifies that today is highlighted in the DateChooser control.

17

yearNavigationEnabled : Boolean

Enables year navigation.

18

yearSymbol : String

This property is appended to the end of the year displayed at the top of the DateChooser

control.

Protected properties

S.N. Property & Description

1 **calendarLayoutStyleFilters : Object**

[read-only] The set of styles to pass from the DateChooser to the calendar layout.

2 **nextMonthStyleFilters : Object**

[read-only] The set of styles to pass from the DateChooser to the next month button.

3 **nextYearStyleFilters : Object**

[read-only] The set of styles to pass from the DateChooser to the next year button.

4 **prevMonthStyleFilters : Object**

[read-only] The set of styles to pass from the DateChooser to the previous month button.

5 **prevYearStyleFilters : Object**

[read-only] The set of styles to pass from the DateChooser to the previous year button.

Public methods

S.N. Method & Description

1 **DateChooser**

Constructor.

Events

S.N. Event & Description

1 **change**

Dispatched when a date is selected or changed.

2 **scroll**

Dispatched when the month changes due to user interaction.

Methods inherited

This class inherits methods from the following classes:

- mx.core.UIComponent
- mx.core.FlexSprite
- flash.display.Sprite
- flash.display.DisplayObjectContainer
- flash.display.InteractiveObject
- flash.display.DisplayObject
- flash.events.EventDispatcher
- Object

Flex DateChooser Control Example

Let us follow the following steps to check usage of DateChooser control in a Flex application by creating a test application:

Step Description

- 1 Create a project with a name *HelloWorld* under a package *com.tutorialspoint.client* as explained in the *Flex - Create Application* chapter.
- 2 Modify *HelloWorld.mxml* as explained below. Keep rest of the files unchanged.
- 3 Compile and run the application to make sure business logic is working as per the requirements.

Following is the content of the modified mxml file **src/com.tutorialspoint/HelloWorld.mxml**.

```
<?xml version="1.0" encoding="utf-8"?>
<s:Application xmlns:fx="http://ns.adobe.com/mxml/2009"
  xmlns:s="library://ns.adobe.com/flex/spark"
  xmlns:mx="library://ns.adobe.com/flex/mx"
  width="100%" height="100%" minWidth="500" minHeight="500"
  applicationComplete="application_applicationCompleteHandler(event)">

  <fx:Style source="/com/tutorialspoint/client/Style.css"/>
  <fx:Script>
    <![CDATA[
      import mx.events.CalendarLayoutChangeEvent;
      import mx.events.FlexEvent;

      [Bindable]
      private var selectedDate:String = "";

      protected function dateChooser_changeHandler
      (event:CalendarLayoutChangeEvent):void
      {
        var date:Date = DateChooser(event.target).selectedDate;
        selectedDate = dateFormatter.format(date);
      }

      protected function application_applicationCompleteHandler
      (event:FlexEvent):void
    ]]>

```

```

        selectedDate = dateFormatter.format(new Date());
    }
]]>
</fx:Script>
<s:BorderContainer width="550" height="400"
styleName="container">
<s:VGroup width="100%" height="100%" gap="50"
horizontalAlign="center" verticalAlign="middle">
<s:Label
fontSize="40" color="0x777777" styleName="heading"/>
<s:Panel
height="300" includeInLayout="true" visible="true">
<s:layout>
<s:HorizontalLayout gap="10" verticalAlign="middle"
horizontalAlign="center"/>
</s:layout>
<mx:DateChooser
change="dateChooser_changeHandler(event)"/>
<s:Label
text="Date selected: {selectedDate}"/>
</s:Panel>
</s:VGroup>
</s:BorderContainer>
</s:Application>

```

Once you are ready with all the changes done, let us compile and run the application in normal mode as we did in [Flex - Create Application](#) chapter. If everything is fine with your application, this will produce following result: [[Try it online](#)]

