



## CaIVBX

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### Description

The [CaIVBX](#) is a calendar vbx designed for use with Visual Basic. When you create a [CaIVBX](#) in the design environment the date is initially set to today's date and appears as a 3D fixed size calendar.



[CaIVBX](#) is fully configurable apart from its size which remains fixed appropriate to the size of the fontsize selected. However the actual font used is configurable.

### Use

Once the calendar has been incorporated into a program and run, clicking on the dates will change the displayed date and the value of **NewDate** (type string). This can be used to supply a date for another use by adding code to the [OnChange](#) event.

Clicking on the chevrons will either advance or reduce the selected month by one. If the selected date exceeds the number of days in the newly selected month the day will revert to the last day of the month.

**Properties** in addition to standard properties.

BorderStyle

CalDate

DateText

HighlightColour

HighlightText

SatColour

StartofWeek

SunColour

## BorderStyle **default Raised (0)**

See also

The **BorderStyle** property is available at both design and at runtime, and allows the user to select from :

Raised		0
Inset	1	
Normal		2
None	3	

giving a 3D effect or not etc.

### **Example**

This example toggles the **BorderStyle** in the calendar through all values.

```
Sub Command7_Click ()
```

```
    Static x As Integer
```

```
    x = x + 1
```

```
        'increase x by 1
```

```
    If x = 4 Then x = 0
```

```
        'maximum border style is 3
```

```
    Calendar1.BorderStyle = x 'change border style to value of x
```

```
End Sub
```

## CalDate

### See also

The **CalDate** property is **only available at runtime**, and allows the date selected to be changed from within a programs code.

### **Important:**

**The Date must be between 1st Jan 1970 and 31st Dec 2037.** Using dates before or after these will result in the date reverting to either of these dates.

### **Example**

This example sets the date to my birthday.

```
Sub Command4_Click ()
```

```
    Calendar1.CalDate = CDate("17/10/1995")
```

```
End Sub
```

## DateText default Black

### See also

The **DateText** property is available at both design and at runtime, and allows the colour used to display the selected date at the top of the calendar to be customized.

### **Example**

This example toggles the displayed colour between Red and Blue.

```
Sub Command5_Click ()  
    If Calendar1.DateText = RGB(255, 0, 0) Then  
        Calendar1.DateText = RGB(0, 0, 255)  
    Else  
        Calendar1.DateText = RGB(255, 0, 0)  
    End If  
  
End Sub
```

## HighlightColour **default Blue**

### See also

The **HighlightColour** property is available at both design and at runtime, and allows the background colour of the selected date to be customized.

### **Example**

This example changes the background colour to Red.

```
Sub Command1_Click ()
```

```
    Calendar1.HighlightColour = RGB(255, 0, 0)
```

```
End Sub
```

## HighlightText **default Black**

### See also

The **HighlightText** property is available at both design and at runtime, and allows the text colour of the selected date to be customized.

### **Example**

This example changes the text colour to White.

```
Sub Command1_Click ()
```

```
    Calendar1.HighlightText = RGB(255, 255, 255)
```

```
End Sub
```

## SatColour default Black

### See also

The **SatColour** property is available at both design and at runtime, and allows the colour used to display Saturday's to be customized.

### Example

This example toggles the displayed colour for Saturday's during the month, between Green and Black in the calendar.

```
Sub Command5_Click ()
```

```
    If Calendar1.SatColour = RGB(0, 0, 0) Then  
        Calendar1.SatColour = RGB(0, 255, 0)  
    Else  
        Calendar1.SatColour = RGB(0, 0, 0)  
    End If
```

```
End Sub
```



## **StartOfWeek** default 0 {Monday}

See also

The **StartOfWeek** property is available at both design and at runtime, and allows the first day shown on the calendar to be customized by changing the integer value. With Monday = 0 through to Sunday = 6.

### **Example**

This example cycles through the day's of the week and set the start of the week.

```
Sub Command8_Click ()
```

```
    Static x As Integer
```

```
    x = x + 1
```

```
        'increase x by 1
```

```
    If x = 7 Then x = 0
```

```
        'maximum value is 6
```

```
    Calendar1.StartOfWeek = x 'change StartOfWeek to value of x
```

```
End Sub
```

## SunColour default Blue

### See also

The **SunColour** property is available at both design and at runtime, and allows the colour used to display Sunday's to be customized.

### **Example**

This example toggles the displayed colour for Saturday's during the month, between Red and Blue in the calendar.

```
Sub Command1_Click ()
```

```
    If Calendar1.SunColour = RGB(255, 0, 0) Then  
        Calendar1.SunColour = RGB(0, 0, 255)  
    Else  
        Calendar1.SunColour = RGB(255, 0, 0)  
    End If
```

## **Events** in addition to standard events

OnChange

## OnChange

### Declaration

```
Sub Calendar1_OnChange (NewDate As String)
```

The OnChange event occurs when the date in CalVBX is modified. For example, OnChange occurs when the user clicks on the Calendar, or when the property CalDate is changed by code.

### Example.

The date in the Label Control in this example changes each time the user clicks on a date in the Calendar:

```
Sub Calendar1_OnChange (NewDate As String)
    'When user clicks to change date changes the text in label1.
    Label1 = Format(NewDate, "Long Date")
```

```
End Sub
```

Clicking here goes to the next month.

Clicking here changes the day.

Clicking here goes to the previous month.

## CalVBX

Thank you for your interest. CalVBX was written by Graham Winter and can be registered either by;

**Option 1 GO SWREG ON CompuServe.** Price:\$10.00 US  
**Registration ID: 6587**

On CompuServe 'GO SWREG' and register shareware #6587 . This results in CompuServe charging your account \$10.00 US and CompuServe then notifies me that the VBX has been registered. I will then send you the latest unrestricted version.

### **Option 2**

Sending a cheque for £7.50 Sterling or \$13.00 US to:

Mr. G M Winter  
44 Southfield Road  
Pocklington  
York YO4 2XE.  
England.

I will then send you the latest unrestricted version by post.

I can be contacted on CompuServe **ID 100025,1056** if you have any problems, questions or anything else.

Should you require the source code (written in C) then Please send a cheque for £20.00 or \$35.00 US .





