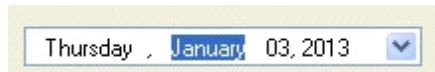


Datetimepicker Control in VB.NET

Example of Datetimepicker Control in VB.NET

<http://www.thecodegallery.com/VBNET/DatetimeExample.php>

DateTimePicker Control allows user to select a date and a time. It is also used to display selected date and time in specific format.



By default it displays current date in Long Date format. When user clicks on arrow button it displays full calendar for the current month as shown below:



Properties of Datetimepicker Control in VB.NET

Property

Purpose

Format

It is used to get or set format for displaying date and time in

DateTimePicker Control. It has four options: Long, Short, Time, And Custom. Default format is long.

CustomFormat It is used to get or set custom format for displaying date and time in DateTimePicker Control.

For Example:

dd/MM/yyyy will display 01/01/2014

d/M/yyyy will display 1/1/2014

d/M/yy will display 1/1/14

ddd, MMM, yyyy will display Wed, Jan, 2013

dddd, MMMM, yyyy will display

Wednesday, January, 2014

hh:mm:ss will display 02:25:02

HH:mm:ss will display 14:25:02

hh:mm:ss tt will display 02:25:02 PM

Value It is used to get date and time selected in DateTimePicker Control.

ShowCheckBox It is used to specify whether CheckBox is displayed in DateTimePicker or not. It has Boolean value. Default value is false.

Checked It is used to specify whether CheckBox in DateTimePicker is checked or not. It has Boolean value. Default value is true. It works only when ShowCheckBox property is set to true.

ShowUpDown It is used to specify whether UpDown arrow is displayed in the DateTimePicker instead of DropDown Calendar or Not. It has Boolean value. Default value is false.

MinDate It is used to get or set Minimum Date that can be selected using DateTimePicker Control. Default value is 01/01/1753.

MaxDate It is used to get or set Maximum Date that can be selected using DateTimePicker Control. Default value is 31/12/9998.

Enabled It is used to specify whether DateTimePicker Control is enabled or not at runtime. It has Boolean value. Default value is true.

Visible It is used to specify whether DateTimePicker Control is visible or not at runtime. It has Boolean value. Default value is true.

CalendarFont It is used to get or set Font of the Calendar.

CalendarForeColor It is used to get or set ForeColor of the calendar font.

CalendarMonthBackground It is used to get or set Background Color of the Calendar.

CalendarTitleBackColor It is used to get or set Background Color of Calendar's Title.

CalendarTitleForeColor It is used to get or set ForeColor of the font that is displayed in Calendar's Title.

CalendarTrailingForeColor It is used to get or set Fore Color of the previous and next month's date that is displayed in Current Month's Calendar.

Methods of Datetimepicker Control in VB.NET

Method Purpose

Show It is used to show DateTimePicker Control at run time.

Hide It is used to Hide DateTimePicker Control at run time.

Focus It is used to set cursor or focus on DateTimePicker Control.

Events of Datetimepicker Control in VB.NET

Event Purpose

ValueChanged It is the default event of DateTimePicker Control. This event fires each time a value in the DateTimePicker Control is changed.

TextChanged This event fires each time a text that is displayed in the DateTimePicker Control is changed.

CloseUp This event fires each time a Popup Calendar is disappeared after selecting particular date.

DropDown This event fires each time a Popup Calendar is displayed by clicking on DropDown arrow.