

Combo Box Control in VB.NET

[Example of Combobox Control in VB.NET <ComboBoxExample.php>](#)

ComboBox control represents list of items in a drop down list type structure from which user can select only one item at a time.

User can drop down the list to display list of items in a ComboBox.

ComboBox control comes with built in TextBox so user can enter new item if it is not available in the list of ComboBox.

ComboBox is similar to a ListBox but it does not allow user to select more than one items.

It occupies less space on the form because of its drop down structure.

User can add new items, remove selected or all items from ComboBox at runtime or design time.

Properties of Combo Box Control in VB.NET

Property	Purpose
AutoComplete Mode	
	It is used to get or set value which determines how AutoComplete option works for ComboBox.
	It has four options: Suggest, Append, SuggestAppend, None Default value is None.
AutoCompleteSource	
	It is used to get or set Auto Complete Source for ComboBox.
AutoCompleteCustomSource	
It is used to specify Custom Source by defining list of items in it. It works	
	when AutoCompleteSource is set to CustomSource.
DropDownStyle	
It is used to get or set value which determines appearance	

and behavior style of ComboBox .	
	It has three options: (1)DropDown: ComboBox with built in TextBox and Drop Down
	List. (2)DropDownList: ComboBox with only DropDown List. (3) Simple: ComboBox
	with expanded DropDown List and built in TextBox.
DropDown Width It is used to get or set width of DropDown list in pixel.	
DropDown Height It is used to get or set height of DropDown list in pixel.	
MaxDropDownItemsIt is used to get or set value which determines how many items should be display in	
	dropdown list. For remaining items to display you need to scroll the dropdown list. Default value is 8.
MaxLength	It is used to get or set value which determines maximum number of characters that can be
	entered in built in TextBox of ComboBox.
Text	It is used to get or set text associated with built in TextBox of ComboBox.
Items	It represents collection of items contained in ComboBox control.
Sorted	It is used to specify weather items of ComboBox are sorted in alphabetical order or not.
	It has Boolean value. Default value is false.
SelectedIndexIt is used to get or set zero based	

index of the item currently selected in ComboBox .	
SelectedItem	It is used to get or set item currently selected in ComboBox.
SelectionStart	It is used to get or set starting index of the text that is entered in the built in TextBox of ComboBox.
SelectionLength	It is used to get or set number of characters that is selected in the built in
	TextBox of ComboBox.
SelectedText	It is used to get or set text that is selected in built in TextBox of ComboBox.
Enabled	It is used to specify whether ComboBox Control is enabled or not at runtime.
	It has Boolean value. Default value is true.
Visible	It is used to specify whether ComboBox Control is visible or not at runtime
	. It has Boolean value. Default value is true.
TabStop	It is used to specify whether user can use TAB key to set focus on ComboBox Control
	or not. It has Boolean value. Default value is true.

Methods of Combo Box Control in VB.NET

Method	Purpose
FindString	It is used to find first occurrences of an item in the Combo Box that partially

match with	
	string specified as an argument. If an item is found then it returns zero based index of that item
	, otherwise it returns -1. The search performed by this method is case insensitive.
FindStringExact	It is used to find first occurrences of an item in the ComboBox that exactly match with string
	specified as an argument. If an item is found then it returns zero based index of that item,
	otherwise it returns -1. The search performed by this method is case insensitive.
Select All	It is used to select all the text in the built in TextBox of ComboBox.
Select	It is used to select all or specific range of the text in the built in TextBox of ComboBox. Syntax:
	ComboBox1.Select(Start, Length) Example: ComboBox1.Select (1,4) It will select 4
	characters starting from second character in the built in textbox of ComboBox.

Events of Combo Box Control in VB.NET

Event	Purpose
SelectedIndexChanged	It is the default event of ComboBox Control. It fires each time a selected item
	in the ListBox is changed.
TextChanged	It fires each time a text is changed in the built in TextBox of ComboBox Control.
DropDown	This event fires each time a DropDown list is displayed by clicking on

	DropDown arrow.
DropDownClicked This event fires each time a DropDownList is disappeared after selecting particular Item.	