

CheckedListBox Control in VB.NET

Example of CheckedListBox Control in VB.NET

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

CheckedListBox is a ListBox with Checkbox to the left side of each item in the list. It is derived from ListBox so it provides all the functionality of ListBox Control.

Properties of CheckedListBox Control in VB.NET

Property	Purpose
CheckOnClick	It is used to specify whether CheckBox should be toggled (change state) or not when an item is selected in the CheckedListBox. It has Boolean value. Default value is False.
MultiColumn	It is used to specify whether CheckedListBox supports multiple columns or not. It has Boolean value. Default value is false.
ColumnWidth	It is used to specify width of each column in MultiColumn CheckedListBox.
Items	It represents collection of items contained in CheckedListBox control.
Sorted	It is used to specify whether items of CheckedListBox are sorted in alphabetical order or not. It has Boolean value. Default value is false.
SelectionMode	It is used to get or set SelectionMode of CheckedListBox. It determines how user can select the Items of CheckedListBox. It can have one of the following four options: (1) None: No Selection is allowed (2) One: User can select only one item at a time. (3) MultiSimple: User can select or deselect item just by mouse click or pressing

spacebar.

(4) MultiExtended: User can select or deselect items by holding Ctrl key and mouse click. User can also select or deselect items by pressing Shift key and mouse click or arrow key. Default value is One.

ScrollAlwaysVisible It is used to specify whether Scroll Bars is always associated with CheckedListBox or Not regardless of number of items present in CheckedListBox. It has Boolean value. Default value is false.

HorizontalExtent It is used to get or set width in pixel, by which a CheckedListBox can scrolled horizontally. It works only when Horizontal Scrollbar Property is set to true.

HorizontalScrollbar It is used to specify whether CheckedListBox can have Horizontal Scroll Bar or Not, If Number of Items in CheckedListBox are not accommodate in specified width. It has Boolean value. Default value is False.

ThreeDCheckBoxes It is used to get or set value which determines CheckBox has Flat or Normal Button State. It has Boolean value. Default value is false. When it is true check box has flat button state.

SelectedIndex It is used to get or set zero based index of the item currently selected in CheckedListBox.

SelectedItem It is used to get or set item currently selected in CheckedListBox.

SelectedItems It is used to get collection of multiple items currently selected in CheckedListBox.

CheckedItems It is used to get collection of multiple items currently checked in CheckedListBox.

SelectedIndices It is used to get collection of zero based indexes of all items currently selected in `CheckedListBox`.

CheckedIndices It is used to get collection of zero based indexes of all items currently checked in `CheckedListBox`.

Enable It is used to specify whether `CheckedListBox` Control is enabled or not at runtime. It has Boolean value. Default value is true.

Visible It is used to specify whether `CheckedListBox` 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 `CheckedListBox` Control or not. It has Boolean value. Default value is true.

Methods of `CheckedListBox` Control in VB.NET

Method	Purpose
<code>ClearSelected</code>	It is used to unselect all the items that are currently selected in <code>ListBox</code> .
<code>FindString</code>	It is used to find first occurrences of an item in the <code>ListBox</code> 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.
<code>FindStringExact</code>	It is used to find first occurrences of an item in the <code>ListBox</code> 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.

GetSelected It is used to determine whether an item whose index is passed as an argument is selected or not. It returns Boolean value.

SetSelected It is used to select or deselect an item whose index is passed as an argument.

Example:

`ListBox1.SetSelected (1, true)` will select second item of ListBox.

ClearSelected It is used to unselect all items in CheckedListBox.

GetItemChecked It is used to check whether an item whose index is passed as an argument is checked or not. It returns Boolean value.

GetItemCheckState It is used to get check state of an item whose index is passed as an argument. It returns 1 if item is checked otherwise false.

SetItemCheckState It is used to set the check state of an item whose index is passed as an argument.

Example:

`CheckedListBox1.SetItemChecked (1, CheckState.Checked)` will check the second item of CheckedListBox.

Events of CheckedListBox Control in VB.NET

Event	Purpose
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SelectedIndexChanged	It is the default event of ListBox Control. It fires each time a selected item in the ListBox is changed.
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ItemCheck	It fires each time an item is checked or unchecked.
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