WinFormsX - ListBox

Properties

Name	Description
AllowSelection	Gets a value (true/false) indicating whether the ListBox currently enables selection of list items.
BackColor	Gets or sets the background color of the control.
BorderStyle	Gets or sets the type of border that is drawn around the ListBox. Refer to FormBorderStyle enum.
ColumnWidth	Gets or sets the width of columns in a multicolumn ListBox.
CtrlType	Gets or sets the control type value. Always ControlType.ListBox and used when adding control to its form's controls collection.
Enabled	Gets or sets a value (true/false) indicating whether the control can respond to user interaction.
Focused	Gets a value (true/false) indicating whether the control has input focus.
ForeColor	Gets or sets the foreground color of the control.
Height	Gets or sets the height of the control.
hWindow	Gets the Windows handle (hwnd) of the control.
IntegralHeight	Gets or sets a value (true/false) indicating whether the control should resize to avoid showing partial items.
Item ()	Gets a ListBox item (wfxListBoxItem).
Items	Gets a reference to collection of ListBox items (wfxListBoxItemsCollection).
Left	Gets or sets the distance, in pixels, between the left edge of the control and the left edge of its container's client area (normally the form).
Location	Gets or sets the top and left position of the control relative to the form. Get: returns wfxPoint object Set: (left, top)
MultiColumn	Gets or sets a value indicating whether the ListBox supports multiple columns.
Name	Gets or sets the name of the control.
Parent	Gets or sets the parent container of the control.
ScrollAlwaysVisible	Gets or sets a value (true/false) indicating whether the vertical scroll bar is shown at all times.
SelectedIndex	Gets or sets the zero-based index of the currently selected item in a ListBox.
SelectedItem	Gets the ListBox Item (wfxListBoxItem) based on the currently selected item in a ListBox.

Name	Description
SelectionMode	Gets or sets the method in which items are selected in the ListBox. Refer to ListBoxSelectionMode enum.
Size	Gets or sets the size of the control. Get: returns wfxSize object. Set: (width, height)
Sorted	Gets or sets a value (true/false) indicating whether the items in the ListBox are sorted alphabetically.
TabStop	Gets or sets a value (true/false) indicating whether the user can give the focus to this control using the TAB key
Top	Gets or sets the distance, in pixels, between the top edge of the control and the top edge of its container's client area (normally the form).
TopIndex	Gets or sets the index of the first visible item in the ListBox.
Visible	Gets or sets a value (true/false) indicating whether the control is displayed.
Width	Gets or sets the width of the control.

Methods

Name	Description
Hide	Conceals the control from the user.
Refresh	Forces the control to invalidate its client area and immediately redraw itself
SetBounds	Sets the bounds of the control to the specified location and size. (left, top, width, height)
Show	Makes the control visible to the user (and creates the control should it not already exist)

Events

Name	Description
OnAllEvents	Special handler where **all** events are routed through. Use this handler if you prefer to use the Win32 api style messages and wParam and lParam parameters. Set the *Handled* element of *EventArgs* to **true** if you handle a message and do not want Windows to perform any further processing on the message.
OnClick	Occurs when the client area of the control is clicked.
OnDestroy	Occurs immediately before the control is about to be destroyed and all resources associated with it released.
OnGotFocus	Occurs when the control gains input focus.
OnLostFocus	Occurs when the control loses input focus.
OnKeyDown	Occurs when a key is pressed while the control has focus.
OnKeyPress	Occurs when a character, space or backspace key is pressed while the control has focus.
OnKeyUp	Occurs when a key is released while the control has focus.
OnMouseDoubleClick	Occurs when the control is double clicked by the mouse.
OnMouseDown	Occurs when the mouse pointer is over the control and a mouse button is pressed.
OnMouseEnter	Occurs when the mouse pointer enters the control.
OnMouseHover	Occurs when the mouse pointer rests on the control.
OnMouseLeave	Occurs when the mouse pointer leaves the control.
OnMouseMove	Occurs when the mouse pointer is moved over the control.
OnMouseUp	Occurs when the mouse pointer is over the control and a mouse button is released.

wfxListBoxItem

Name	Description
Text	Gets or sets the text associated with this ListBox item.
Data32	Gets or sets a 32-bit user defined value for the ListBox item.
Selected	Gets or set a value (true/false) indicating whether the ListBox item is selected.

wfxListBoxItemsCollection

Name	Description
Add	Appends a new ListBox item to the ListBox. Returns index of new item.
ByIndex	Returns a wfxListBoxItem based on the specified row index.
Clear	Deletes all items in the ListBox.
Count	Gets the number of items in the ListBox.
Remove	Deletes the spcified ListboxItem index from the ListBox.

ListBoxSelectionMode

```
Enum ListBoxSelectionMode
    None = 0
    One
    MultiSimple
    MultiExtended
End Enum
```

Adding ListBox Items

```
    ' Add 10 lines to the Listbox
    Dim as Long idx
    for i as long = 0 to 9
      idx = Form1.List1.Items.Add
      Form1.List1.Item(idx).Text = "Add Listbox line:" & idx
      Form1.List1.Item(idx).Data32 = idx
    next
    ? "List1 count: "; Form1.List1.Items.Count
```

Deleting ListBox Items

```
    ' Delete the currently selected item
    Form1.List1.Items.Remove( Form1.List1.SelectedIndex )
    ? "List1 count: "; Form1.List1.Items.Count
```

Multiple Selection ListBoxes

Create ListBox using SelectionMode equal to either MultiSimple or MultiExtended.

```
    if Form1.List1.SelectionMode = ListBoxSelectionMode.One then
        dim byref ListItem as wfxListBoxItem = Form1.List1.SelectedItem
        ? ListItem.Text, ListItem.Data32
    else
        ' If this ListBox allows multiple items to be selected then loop through and display.
        for i as long = 0 to Form1.List1.Items.Count - 1
            if Form1.List1.Item(i).Selected then
                ? "ListBox Item index: "; i; " is selected."
            end if
        next
    end if
```