

# CheckedListBox Demo 2



```
using System;
using System.Windows.Forms;
using System.Drawing;
using System.ComponentModel;

public class CheckedListBoxDemo:Form{
    CheckedListBox FavLangs;
    GroupBox grpControls;
    Button AddValue;
    Button EditValue;
    Button DeleteValue;
    Button ShowValues;
    TextBox OldValue;
    TextBox NewValue;
    Label OldCaption;
    Label NewCaption;
    CheckBox chkAll;

    public CheckedListBoxDemo(){
        grpControls=new GroupBox();
        grpControls.Text="CheckedListBox Demo";

        AddValue=new Button();
        AddValue.Text="&Add";
        AddValue.Click+=new EventHandler(Add_Click);

        EditValue=new Button();
        EditValue.Text="&Edit";
        EditValue.Click+=new EventHandler(Edit_Click);

        DeleteValue=new Button();
        DeleteValue.Text="&Delete";
        DeleteValue.Click+=new EventHandler(Delete_Click);
```

```

ShowValues=new Button();
ShowValues.Text="&Show";
//ShowValues.Click+=new EventHandler(ShowValues_Click);
ShowValues.Click+=new EventHandler(Checked_Changed);

OldValue=new TextBox();
OldValue.ReadOnly=true;
NewValue=new TextBox();

OldCaption=new Label();
OldCaption.Text="Old Value: ";
NewCaption=new Label();
NewCaption.Text="New Value: ";

chkAll=new CheckBox();
chkAll.Text="Check/Uncheck All";
chkAll.CheckedChanged+= new EventHandler(Checked_Changed);
chkAll.Width=175;

OldCaption.Location=new Point(15,15);
PositionControl(OldCaption,OldValue,true);
PositionControl(OldCaption,NewCaption,false);
PositionControl(OldValue,NewValue,false);
PositionControl(NewCaption,AddValue,false);
PositionControl(AddValue>EditValue,true);
PositionControl>EditValue>DeleteValue,true);
PositionControl>DeleteValue>ShowValues,true);
PositionControl(AddValue,chkAll,false);

grpControls.Controls.AddRange(new
Control[] {OldCaption,OldValue,NewCaption,NewValue,AddValue,Edit
Value>DeleteValue>ShowValues,chkAll});
grpControls.Size=new Size(450,200);

FavLangs=new CheckedListBox();
FavLangs.Location=new Point(10,10);
FavLangs.SelectedIndexChanged+=new
EventHandler(SelectedIndex_Changed);

```

```

grpControls.Location=new
Point(FavLangs.Left+FavLangs.Width+20,FavLangs.Top);
this.Controls.AddRange(new Control[]{FavLangs,grpControls});
}

private void PositionControl(Control source,Control
destination,bool CanPlaceHorizontal)
{
if(CanPlaceHorizontal){
destination.Location=new
Point(source.Left+source.Width+20,source.Top);
}else{
destination.Location=new
Point(source.Left,source.Top+source.Height+20);
}
}

private void Add_Click(object sender,EventArgs e){
((Button)sender).Text = "aaa";

if(NewValue.Text.Trim()!=""){
FavLangs.Items.Add(NewValue.Text);
}else{
MessageBox.Show("Enter a Value to Add");
}
}

private void SelectedIndex_Changed(object sender,EventArgs e){
OldValue.Text=FavLangs.Items[FavLangs.SelectedIndex].ToString(
);
}

private void Edit_Click(object sender,EventArgs e){
if(FavLangs.SelectedIndex==-1){
MessageBox.Show("Select a Item to Edit");
} else{
if(NewValue.Text.Trim()!=""){
FavLangs.Items[FavLangs.SelectedIndex]=NewValue.Text;
}
}
}

```

```

}
else
{
MessageBox.Show("Enter a Value to Edit");
}
}
}

private void Delete_Click(object sender,EventArgs e)
{
if(FavLangs.SelectedIndex!=-1)
{
FavLangs.Items.RemoveAt(FavLangs.SelectedIndex);
}
else
{
MessageBox.Show("Select a Item to Delete");
}
}

private void ShowValues_Click(object sender,EventArgs e){
string SelectedValues="The following value(s) are Selected:
" + new String('-',48) + "
";
for(int i=0;i

```