

# 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
tValue>DeleteValue>ShowValues,chkAll});
grpControls.Size=new Size(450,200);

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