

Re: I want to a event method to be called in the a form.

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Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2006-04/msg02892.html>

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-

You will have to do a delegate and wrap event around the delegate, make the event public on the grid.. and make sure your Grids in the Form subscribe to the events... Even before you have to write your own dervied grid... see below.. The code is to give you a idea of flow.... I hope you can implement this to your needs...

```
namespace MyNameSpace
{
public MyGrid : System.Windows.Forms.DataGrid
{
public event MySelectedIndexChangedEventHandler
mySelectedEvent=null;

private void MyGrid_selectedIndexChanged(object sender, EventArgs e)
{
if ( mySelectedEvent!= null )
{
mySelectedEvent(this, new MySelectedIndexEventArgs
("test"));
}
}

}

public delegate void MySelectedIndexChangedEventHandler (Object sender,
MySelectedIndexEventArgs e);

public class MySelectedIndexEventArgs : EventArgs
{
private string _myArg;

public string myArg
{
get { return _myArg ; }
set { _myArg = value ; }
}
}
```

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```
public MySelectedIndexEventArgs ( string MyArg1)
{
    _myArg = MyArg1;
}
}
```

' In your Form

```
private void myTest()
{
    myGrid1.mySelectedEvent+=new
    System.EventHandler(this.myNewSelectedEvent);
}

private void myNewSelectedEvent(object sender, EventArgs e)
{
    // e.myArg will give "test"
}
```

VJ

"tony" <johansson.andersson@xxxxxxxxxx> wrote in message
news:eNYFOW7YGH.A.3740@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hello!!

Hello Victor!

I use a product called flygrid to create grid tables.
In many of my forms I create such grid tables.
Some columns in these grid tables is of type drop down list where I can
select a value from the list.

Below I have some code which exist in a file named StringClass.cs
There are two classes in the code StringClass and StringClassEditor.

When the drop down list is about to open method EditValue is called and a
ListBox is created and filled with values see the code below.
When a value is selected from the drop down list method
SelectedIndexChanged
is called see code below.

Now to my problem I don't want to put all code that exist in
StringClass.cs
in every form I use.

What I do want to do if it's possible is to have the event method in this
case SelectedIndexChanged to be put in the form class.
So for example when I have form named form1 and select a value from a drop

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down list that exist in a flygrid an event metod that exist in the form1 should be called. For example method SelectedIndexChanged.

One of my problems here is how do I modify class StringClassEditor so the event metod can be called which exist in my form.

```
[TypeConverter(typeof(StringClass.StringClassConverter))]
[Editor(typeof(StringClass.StringClassEditor), typeof(UITypeEditor))]
public class StringClass
{
    private string strValue;
    protected ArrayList valuesList;

    public StringClass(string value)
    { strValue = value; }

    public StringClass()
    { strValue = null; }

    public StringClass(string value, string[] values) : this(value)
    { valuesList = new ArrayList(values); }

    public StringClass(string value, ArrayList values) : this(value)
    { valuesList = values; }

    public class StringClassEditor : UITypeEditor
    {
        private IWindowsFormsEditorService wse = null;
        private StringClass editedSc = null;
        private string originalValue = null;

        private bool StringClassHasValueList(StringClass sc)
        { return sc != null && sc.ValuesList.Count > 0; }

        public override
        System.Drawing.Design.UITypeEditorEditStyle
        GetEditStyle(ITypeDescriptorContext context)
        { return
        System.Drawing.Design.UITypeEditorEditStyle.DropDown; }

        public override object EditValue(ITypeDescriptorContext
        context, IServiceProvider provider, object value)
        {
            Type type = value.GetType(); //get type for value

            if (StringClassHasValueList(( StringClass ) value))
            {
                wse = (IWindowsFormsEditorService )
                (provider.GetService(typeof(IWindowsFormsEditorService)));
                if (wse != null)
                {
```

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```
ListBox lb = new ListBox();
editedSc = (StringClass) value;
originalValue = editedSc.StrValue;
string[] values = (string [])
(editedSc.ValuesList.ToArray(typeof(string)));

lb.Items.AddRange(values);
int selectedIndex = editedSc.StrValue !=
null ? lb.Items.IndexOf(editedSc.StrValue) : -1;
if (selectedIndex != -1)
lb.SelectedIndex = selectedIndex;

lb.KeyDown += new
KeyEventHandler(ListBox_KeyDown); //anger en delegate
lb.SelectedIndexChanged += new
EventHandler(ListBox_SelectedIndexChanged);
lb.Click += new
EventHandler(ListBox_Click);

wse.DropDownControl(lb);
wse = null;
return editedSc;
}
}
return base.EditValue (context, provider, value);
}

private void ListBox_KeyDown(object sender, KeyEventArgs e)
{
if (wse != null && (e.KeyCode == Keys.Escape ||
e.KeyCode == Keys.Return))
{
if (e.KeyCode == Keys.Escape)
editedSc.StrValue =
originalValue;//return
to original value
wse.CloseDropDown();
}
}

private void ListBox_Click(object sender, EventArgs e)
{ wse.CloseDropDown(); }

private void ListBox_SelectedIndexChanged(object sender,
EventArgs e)
{
ListBox lb = (ListBox) sender;
editedSc.StrValue = (string)lb.SelectedItem;
}
}
```

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//Tony