

Re: DropDownList has SelectedValue which in invalid

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2008-09/msg01289.html>

- *From:* "Brett" <brettlf@xxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 22 Sep 2008 09:02:14 -0400
-

Allen,

Thank you for your response. The DropDownList is bound to the field in its definition, so the error occurs as soon as I load the page. I have included some code below to illustrate.

aspx:

```
<asp:SqlDataSource ID="TechnicianSqlDataSource" runat="server"
ConnectionString="<%$ ConnectionStrings:SSR_ConnString %>"
DataSourceMode="DataReader"
SelectCommand="SELECT [Name] FROM [Technician] WHERE ([Active] = 1) ORDER
BY Indx">
</asp:SqlDataSource>
```

```
<asp:DropDownList ID="ddlAssignedTo" runat="server"
DataSourceID="TechnicianSQLDataSource"
DataTextField="Name"
DataValueField="Name"
SelectedValue='<%# Bind("ResolvedBy") %>'
AppendDataBoundItems="True">
<asp:ListItem Selected="True"> </asp:ListItem>
</asp:DropDownList>
```

aspx.vb:

```
Protected Sub Page_Load(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Load
```

```
If My.User.IsInRole(Domain & "\Maint_Full") Then
FormView1.DefaultMode = FormViewMode.Edit
Else
FormView1.DefaultMode = FormViewMode.ReadOnly
End If
```

I tried the following code in the PreRender event, but the error occurred before PreRender. So, I moved it to Page_Load, but I still get the "SelectedValue invalid" error when ddl1 is declared below.

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```
If FormView1.CurrentMode = FormViewMode.Edit Then
Dim rowView As DataRowView = CType(FormView1.DataItem, DataRowView)
Dim ddl1 As DropDownList =
CType(FormView1.FindControl("ddlAssignedTo"), DropDownList)
If Not IsNothing(rowView) AndAlso Not
IsNothing(ddl1.Items.FindByValue(rowView("ResolvedBy").ToString())) Then
ddl1.SelectedValue = rowView("ResolvedBy").ToString()
Else
ddl1.Items.Add(rowView("ResolvedBy").ToString())
ddl1.SelectedValue = rowView("ResolvedBy").ToString()
End If
End If
```

```
If FormView1.CurrentMode = FormViewMode.Edit Then
FormView1.FindControl("ddlAssignedTo").Focus()
End If
End Sub
```

Thanks again,
Brett

"Allen Chen [MSFT]" <v-alchen@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:2x36R2HHJHA.1652@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Brett,

From your description you want to avoid getting the exception:
'ddlAssignedTo' has a SelectedValue which is invalid because it does not
exist in the list of items.

Is my understanding correct?

If so you don't have to add an extra field in the data base. This
exception
is generally caused by binding the DropDownList on every postback. To
demonstrate how this exception will be thrown I've created a demo:

```
aspx.cs
public partial class _Default : System.Web.UI.Page
{
protected void Page_Load(object sender, EventArgs e)
{
//Uncomment following code to reproduce this exception
// this.DropDownList1.DataBind();
}

protected void Button1_Click(object sender, EventArgs e)
{
this.DropDownList1.SelectedValue = this.TextBox1.Text;
```

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```
}  
}  
aspx:  
<asp:SqlDataSource ID="SqlDataSource1" runat="server"  
ConnectionString="<%= $ ConnectionStrings: AConnectionString %>"  
SelectCommand="SELECT * FROM [Table_1]"></asp:SqlDataSource>  
  
<asp:DropDownList ID="DropDownList1" runat="server"  
DataSourceID="SqlDataSource1" DataTextField="theID"  
DataValueField="theID">  
</asp:DropDownList>  
  
<asp:Button ID="Button1" runat="server" onclick="Button1_Click"  
style="height: 26px" Text="Button" />  
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
```

To reproduce please try following steps:

1. View the page and enter an item of the DropDownList in the TextBox.
2. Delete the record in the data base where the above item resides.
3. Click the button to post back.

Initially there's no exception. If you uncomment the code in the Page_Load event handler the exception will be thrown.

So if we want to eliminate this exception, we should check if we bind the DropDownList on every postback. If it's done in code behind, following code may always help:

```
if(!IsPostBack)  
{  
//Bind DropDownList  
}
```

If binding the DropDownList on every postback is a must in the requirement I think we can do some check before setting the selected value of the DropDownList.

As to your following concerns:

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So, is there a way to either

a) Allow entries into a DropDownList that are not in the databound table (like a VB ComboBox), or

b) Add the missing value to the DropDownList items after it is bound to the table?

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We can add an item in the PreRender event handler of the DropDownList

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control. Something like:

```
void DropDownList1_PreRender(object sender, EventArgs e)
{
    DropDownList ddl = (DropDownList)sender;
    ddl.Items.Insert(0, new ListItem("hello", "world"));
}
```

If this problem isn't got solved please send me a demo project that can help me understand your scenario better.

Regards,
Allen Chen
Microsoft Online Support

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msdnmg@xxxxxxxxxxxxxxxx

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| From: "Brett" <brettlf@xxxxxxxxxxxxxxxxxxxx>
| Subject: DropDownList has SelectedValue which in invalid
| Date: Fri, 19 Sep 2008 17:42:02 -0400
| Lines: 38
| X-Priority: 3
| X-MSMail-Priority: Normal
| X-Newsreader: Microsoft Outlook Express 6.00.2900.3138
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.3198
| X-RFC2646: Format=Flowed; Original
| Message-ID: <upNWsEqGJHA.3504@xxxxxxxxxxxxxxxxxxxx>
| Newsgroups: microsoft.public.dotnet.framework.aspnet

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| NNTP-Posting-Host: dsl-1-210.d01.scpnbh.pbtcomm.net 64.53.27.210
| Path: TK2MSFTNGHUB02.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP02.phx.gbl
| Xref: TK2MSFTNGHUB02.phx.gbl
microsoft.public.dotnet.framework.aspnet:76417
| X-Tomcat-NG: microsoft.public.dotnet.framework.aspnet

| I have a DropDownList in an ASP.NET web form that is populated with items

| from a lookup table by binding that DropDownList to a SqlDataSource.

| However, the items in the lookup table can change over time. The problem

is

| that when an item has been removed from the lookup table, and a user wants

| to retrieve a record that used the deleted item, the following error occurs:

|

|

|

| 'ddlAssignedTo' has a SelectedValue which is invalid because it does not exist in the list of items.

|

|

|

| I need to allow the lookup table items to change, while still allowing retrieval of old records that used the now deleted items. I could add a field to the lookup table indicating whether an item is active or inactive,

| but only the active ones (and the selected one) should appear in the DropDownList.

|

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| So, is there a way to either

|

| a) Allow entries into a DropDownList that are not in the databound table

| (like a VB ComboBox), or

|

| b) Add the missing value to the DropDownList items after it is bound to

| the table?

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| Thanks,

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| Brett

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