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Eg. Send Email ASP.Net

## Using IF ELSE condition in TemplateField (ItemTemplate) column in ASP.Net GridView

14 Jul 2015 14 Jul 2015 [Mudassar Khan](#) 0 Comments 30171 Views

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Here Mudassar Ahmed Khan has explained with an example, how to use IF ELSE condition in TemplateField (ItemTemplate) column in ASP.Net GridView using C# and VB.Net.

IF ELSE statement is not supported in TemplateField (ItemTemplate) column in ASP.Net GridView, but using Inline Expressions, a simple IF ELSE condition can be used in TemplateField (ItemTemplate) column in ASP.Net GridView.

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In this article I will explain with an example, how to use IF ELSE condition in TemplateField (ItemTemplate) column in ASP.Net GridView using C# and VB.Net.

IF ELSE statement is not supported in TemplateField (ItemTemplate) column in ASP.Net GridView, but using Inline Expressions, a simple IF ELSE condition can be used in TemplateField (ItemTemplate) column in ASP.Net GridView.

## **Concept**

In database tables, we have some specific codes which have specific meaning. Programmers are aware of the significance of these codes but end users won't understand what a particular code means. In such case we will have to dynamically change the code value to some meaningful and easy to understand words.

For example, consider a scenario of Meeting attendance. The Status column in database consists of two values A and P where A means Absent i.e. the person has not attended meeting and P means Present i.e. the person has attended the meeting.

Now end users won't understand what is A and P and hence by making use of IF ELSE condition with EVAL function, A will be replaced with Absent and P will be replaced with Present which now makes it more meaningful.

## Using IF ELSE condition in TemplateField (ItemTemplate) column in ASP.Net GridView

The following HTML markup consists of an ASP.Net GridView consisting of two BoundField columns and one TemplateField column populated using EVAL function.

Using Inline Expression, the value of the EVAL function is compared and if the Status value is A then the string Absent is displayed else Present.

**Note:** The syntax of using EVAL function within Inline Expression is different for C# and VB.Net.

### C#

```
<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="false">
  <Columns>
    <asp:BoundField DataField="Id" HeaderText="Id" ItemStyle-Width="50" />
    <asp:BoundField DataField="Name" HeaderText="Name" ItemStyle-Width="150" />
    <asp:TemplateField HeaderText="Status" ItemStyle-Width="100">
      <ItemTemplate>
        <asp:Label Text='<%# Eval("Status").ToString() == "A" ? "Absent" : "Present" %>'
          runat="server" />
      </ItemTemplate>
    </asp:TemplateField>
  </Columns>
</asp:GridView>
```

### VB.Net

```
<asp:GridView ID="GridView1" runat="server" AutoGenerateColumns="false">
    <Columns>
        <asp:BoundField DataField="Id" HeaderText="Id" ItemStyle-Width="50" />
        <asp:BoundField DataField="Name" HeaderText="Name" ItemStyle-Width="150" />
        <asp:TemplateField HeaderText="Status" ItemStyle-Width="100">
            <ItemTemplate>
                <asp:Label Text='<%# If (Eval("Status").ToString() = "A", "Absent", "Present") %>'
                    runat="server" />
            </ItemTemplate>
        </asp:TemplateField>
    </Columns>
</asp:GridView>
```

**Note:** If the conditions are more complex, it is recommended to use RowDataBound event. For more details refer my article, Dynamically change GridView Cell value using RowDataBound event in ASP.Net using C# and VB.Net.

## Namespaces

You will need to import the following namespace.

### **C#**

```
using System.Data;
```

### **VB.Net**

```
Imports System.Data
```

## Binding the ASP.Net GridView control

The GridView is populated with a dynamic DataTable with some dummy data inside the Page Load event.

**Note:** You can learn more about this dynamic DataTable in my article [Create DataTable dynamically and bind to GridView in ASP.Net](#).

## C#

```
protected void Page_Load(object sender, EventArgs e)
{
    if (!this.IsPostBack)
    {
        DataTable dt = new DataTable();
        dt.Columns.AddRange(new DataColumn[3] { new DataColumn("Id"), new DataColumn("Name"), new DataColumn("Status") });
        dt.Rows.Add(1, "John Hammond", "A");
        dt.Rows.Add(2, "Mudassar Khan", "P");
        dt.Rows.Add(3, "Suzanne Mathews", "P");
        dt.Rows.Add(4, "Robert Schidner", "A");
        GridView1.DataSource = dt;
        GridView1.DataBind();
    }
}
```

## VB.Net

```
Protected Sub Page_Load(sender As Object, e As EventArgs) Handles Me.Load
    If Not Me.IsPostBack Then
        Dim dt As New DataTable()
        dt.Columns.AddRange(New DataColumn(2) {New DataColumn("Id"), New DataColumn("Name"), New DataColumn("Status")})
        dt.Rows.Add(1, "John Hammond", "A")
        dt.Rows.Add(2, "Mudassar Khan", "P")
        dt.Rows.Add(3, "Suzanne Mathews", "P")
        dt.Rows.Add(4, "Robert Schidner", "A")
        GridView1.DataSource = dt
        GridView1.DataBind()
    End If
End Sub
```

## Screenshot

Id	Name	Status
1	John Hammond	Absent
2	Mudassar Khan	Present
3	Suzanne Mathews	Present
4	Robert Schidner	Absent

## Demo

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### Shah Mohammad Alam

As many times I came to this site I never found myself disappointed. I found stuff that I badly needed and that worked all of the time. I truly appreciate all of the efforts made by Mudassar Khan a man of knowledge and dignity.

**meghna bhatia**

Thanks so much. Your solutions are always simple extremely easy to follow well written and to the point. Thanks so much

**hb**

I dont remember How many times i must have taken code help from your snippets.

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**Khan**

You are genius sir.  
You Save My Time.

Many Many Thanks

**Kumaresan**

Great collections of code

**Smithe950**

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Information provided by you is beneficial for the students as well as for the developers.

