

GridView row edit, delete, update and paging

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Today I would like to share gridview edit, update and delete a row.

Following I have described the some gridview event and how to handle this event.

Edit:

```
protected void GridView1_RowEditing(object sender, GridViewEditEventArgs e)
{
    GridView1.EditIndex = e.NewEditIndex;

    // fetch and rebind the data.
    GridBind();
}
```

Cancel edit:

```
protected void GridView1_RowCancelingEdit(object sender, GridViewCancelEditEventArgs e)
{
    GridView1.EditIndex = -1;

    // fetch and rebind the data.
    GridBind();
}
```

Update:

```
protected void GridView1_RowUpdating(object sender, GridViewUpdateEventArgs e)
{
    //fetch datakey/primarykey for identifying the row
    int key = Convert.ToInt32(GridView1.DataKeys[e.RowIndex].Value);

    TextBox Uname = (TextBox)GridView1.Rows[e.RowIndex].FindControl("Uname");
    TextBox fname = (TextBox)GridView1.Rows[e.RowIndex].FindControl("fname");
    TextBox lname = (TextBox)GridView1.Rows[e.RowIndex].FindControl("lname");

    TextBox City = (TextBox)GridView1.Rows[e.RowIndex].FindControl("City");

    SqlCommand com = new SqlCommand("update userlogin set
username='"+Uname.Text+"', Fname='"+fname.Text+"', Lname='"+lname.Text+"', city='"+City.Text+"'where
Id_Pk="+key+", con);

    con.Open();

    com.ExecuteNonQuery();

    con.Close();
    GridView1.EditIndex = -1;

    // fetch and rebind the data.
    GridBind();
}
```

Delete:

```

protected void GridView1_RowDeleting(object sender, GridViewDeleteEventArgs e)
{
    //fetch datakey/primarykey for identifying the row

    int key = Convert.ToInt32(GridView1.DataKeys[e.RowIndex].Value);

    SqlCommand com = new SqlCommand("Delete from UserLogin where Id_Pk="+key +"" ,con);
    con.Open();
    com.ExecuteNonQuery();
    con.Close();

    // fetch and rebind the data.
    GridBind();
}

```

Paging:

```

protected void GridView1_PageIndexChanging(object sender, GridViewPageEventArgs e)
{
    GridView1.PageIndex = e.NewPageIndex;

    // fetch and rebind the data.
    GridBind();
}

```

for update/delete you have to define the datakey in gridview at aspx side:

```

<asp:GridView ID="GridView1" runat="server" DataKeyNames="Id_Pk" AutoGenerateColumns="False"
    OnRowCancelingEdit="GridView1_RowCancelingEdit" OnRowDeleting="GridView1_RowDeleting"
    OnRowEditing="GridView1_RowEditing" OnRowUpdating="GridView1_RowUpdating" AllowPaging="True"
    OnPageIndexChanging="GridView1_PageIndexChanging" PageSize="5" >

```

tags : delete, Gridview, Paging, update