

**MASTER**

select CustomerID, CompanyName, Address, City, Country, Phone from Customers

**DETAIL**

select Products.Productname, Products.UnitPrice, [Order Details].Quantity, [Order Details].Discount

from Products inner join [Order Details] on Products.ProductID=[Order Details].ProductID

where orderid in(select orderid from orders where customerid='ALFKI')

**1) MASTER**



<asp:GridView ID="**gvCustomers**" runat="server" AutoGenerateColumns="false" Width="100%" ShowFooter="false"

Font-Names="Verdana" Font-Size="Small"

**OnRowDataBound="gvCustomers\_RowDataBound">**

<HeaderStyle HorizontalAlign="Left" BackColor="#000000" ForeColor="white" />

<RowStyle BackColor="" ForeColor="Black" />

<Columns>

      <asp:BoundField DataField="CustomerID" HeaderText="Customer ID" />

      <asp:BoundField DataField="CompanyName" HeaderText="Company Name" />

      <asp:BoundField DataField="Address" HeaderText="Address" />

      <asp:BoundField DataField="City" HeaderText="City" />

      <asp:BoundField DataField="Country" HeaderText="Country" />

      <asp:BoundField DataField="Phone" HeaderText="Phone" />

</Columns>

</asp:GridView>

1. **TITLE**



**</td></tr>**

**<tr>**

**<td colspan="6">**

**<div id="<%# Eval("CustomerID") %>" style="display: none; position: relative">**

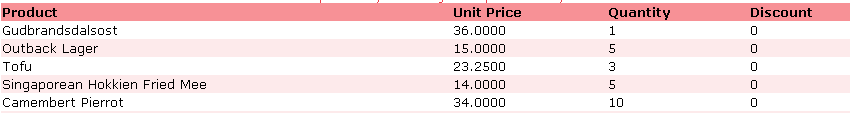
<center style="color: #EF3A44">

<asp:Label ID="**lblOrders**" runat="server" Text="" Width="100%"></asp:Label></center>

Importante, en el codigo anterior la llave para conectar al master detail es el **CustomerID**

 <div id="<%# Eval("**CustomerID**") %>" style="display: none; position: relative">

1. **DETAIL**



<asp:GridView ID="**gvOrders**" runat="server" AutoGenerateColumns="false" Width="100%"

         Font-Names="Verdana" Font-Size="small" EmptyDataText="No orders placed.">

         <HeaderStyle HorizontalAlign="Left" BackColor="#F79196" ForeColor="black" />

         <RowStyle BackColor="white" ForeColor="black" />

         <AlternatingRowStyle BackColor="#FDEAEB" ForeColor="black" />

         <Columns>

                 <asp:BoundField DataField="ProductName" HeaderText="Product" />

                 <asp:BoundField DataField="UnitPrice" HeaderText="Unit Price" />

                 <asp:BoundField DataField="Quantity" HeaderText="Quantity" />

                 <asp:BoundField DataField="Discount" HeaderText="Discount" />

        </Columns>

        </asp:GridView>

**</div>**

**</td>**

**</tr>**

1. **CODIGO JAVA SCRIPT EN HTMLBEHIND**

<title></title>

<script language="JavaScript" type="text/javascript">

var currentlyOpenedDiv = "";

function **CollapseExpand**(object) {

var div = document.getElementById(object);

if (currentlyOpenedDiv != "" && currentlyOpenedDiv != div) {

currentlyOpenedDiv.style.display = "none";

}

if (div.style.display == "none") {

div.style.display = "inline";

currentlyOpenedDiv = div;

}

else {

div.style.display = "none";

}

}

</script>

</head>

1. **CODIGO BEHIND C#**

protected void **Page\_Load**(object sender, EventArgs e)

{

        if (!IsPostBack)   GetCustomersAndOrders();

}

protected void GetCustomersAndOrders()

{

    string strCustomers = "**select CustomerID, CompanyName, Address, City, Country, Phone from Customers**";

    gvCustomers.DataSource = LoadData(strCustomers);

      gvCustomers.DataBind();

      gvCustomers.GridLines = GridLines.None;

}

protected void **gvCustomers\_RowDataBound**(object sender, GridViewRowEventArgs e)

{

  if (e.Row.RowType == DataControlRowType.DataRow)

    {

        e.Row.Attributes.Add("onmouseover", "this.style.backgroundColor='#4A4A4A'; this.style.cursor='pointer'; this.style.color='white'");

        e.Row.Attributes.Add("onmouseout", "this.style.backgroundColor='#FFFFFF'; this.style.color='black'");

        e.Row.ToolTip = "Click to view the orders placed by " + e.Row.Cells[1].Text;

      string **strOrders** = "select Products.Productname, Products.UnitPrice, [Order Details].Quantity, [Order Details].Discount from Products inner join [Order Details] on Products.ProductID=[Order Details].ProductID" +

" where orderid in(select orderid from orders where customerid='" **+ e.Row.Cells[0].Text + "')";**

      GridView gvOrders = (GridView)e.Row.FindControl("gvOrders");

      Label lblOrders = (Label)e.Row.FindControl("lblOrders");

     if (gvOrders != null)

               {

                          gvOrders.DataSource = LoadData(**strOrders**);

                          gvOrders.DataBind();

                          gvOrders.GridLines = GridLines.None;

               }

               if (lblOrders != null)

               {

                         lblOrders.Text = "Orders placed by " + e.Row.Cells[1].Text;

               }

               e.Row.Attributes.Add("onclick", "**javascript:CollapseExpand**('" + e.Row.Cells[0].Text + "')");

        }

}

Private System.Data.DataTable **LoadData**(string strSql)

{

SqlConnection conn = new SqlConnection(System.Configuration.ConfigurationManager.AppSettings["conString"]);

SqlCommand cmd = New SqlCommand(strSql, conn);

SqlDataAdapter SqlAdap = New SqlDataAdapter(cmd);

System.Data.DataTable dt = New System.Data.DataTable("Data1");

SqlAdap.Fill(dt);

return dt;

}

**Codigo en VB**

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load

If Not IsPostBack Then GetCustomersAndOrders()

End Sub

Private Sub GetCustomersAndOrders()

Dim strSql As String

strSql = "**select CustomerID, CompanyName, Address, City, Country, Phone from Customers**"

gvCustomers.DataSource = LoadData(strSql)

gvCustomers.DataBind()

gvCustomers.GridLines = GridLines.None

Dim dblQty As Double

For i = 0 To gvMaster.Rows.Count - 1

dblQty = System.Convert.ToDouble(gvMaster.Rows(i).Cells(2).Text)

If (dblQty < 1) Then

gvMaster.Rows(i).Cells(2).BackColor = System.Drawing.Color.Red

gvMaster.Rows(i).Cells(2).ForeColor = System.Drawing.Color.White

Else

gvMaster.Rows(i).Cells(2).BackColor = System.Drawing.Color.Green

gvMaster.Rows(i).Cells(2).ForeColor = System.Drawing.Color.White

End If

Next

End Sub

Protected Sub gvCustomers\_RowDataBound(ByVal sender As Object, ByVal e As System.Web.UI.WebControls.GridViewRowEventArgs) Handles gvCustomers.RowDataBound

Dim gvOrders As GridView

Dim lblOrders As Label

Dim strSql As String = Nothing

gvOrders = **CType**(e.Row.FindControl("**gvOrders**"), GridView)

lblOrders = **CType**(e.Row.FindControl("**lblOrders**"), Label)

If (e.Row.RowType = DataControlRowType.DataRow) Then

e.Row.Attributes.Add("onmouseover", "this.style.backgroundColor='#4A4A4A'; this.style.cursor='pointer'; this.style.color='white'")

e.Row.Attributes.Add("onmouseout", "this.style.backgroundColor='#FFFFFF'; this.style.color='black'")

e.Row.ToolTip = "Click to view the orders placed by " + e.Row.Cells(1).Text

strSql = "select Products.Productname, Products.UnitPrice, [Order Details].Quantity, [Order Details].Discount from Products inner join [Order Details] on Products.ProductID=[Order Details].ProductID" +

" where orderid in(select orderid from orders where customerid='" **+ e.Row.Cells(0).Text + "')"**

If Not gvCustomers Is Nothing Then

End If

If Not IsNothing(gvOrders) Then

gvOrders.DataSource = LoadData(strSql)

gvOrders.DataBind()

gvOrders.GridLines = GridLines.None

End If

End If

If Not IsNothing(lblOrders) Then

lblOrders.Text = "Orders placed by " + e.Row.Cells(1).Text

End If

e.Row.Attributes.Add("onclick", "javascript:**CollapseExpand**('" + e.Row.Cells(0).Text + "')")

End Sub

Private Function LoadData(ByVal strSql As String) As System.Data.DataTable

Dim SQLConn As SqlConnection = New SqlConnection("Data Source=SQLDEVRSN01;Initial Catalog=dashboard\_alpha;User ID=dashboard;Password=dashboard08")

Dim cmd As SqlCommand = New SqlCommand(strSql, SQLConn)

Dim SqlAdap As SqlDataAdapter = New SqlDataAdapter(cmd)

Dim dt As System.Data.DataTable = New System.Data.DataTable("Data1")

SqlAdap.Fill(dt)

Return dt

End Function