Accessing various Data collection controls on your form can be challenging. The first this that will be assumed here is that the controls are built using Templates.



GridView

Stand-alone

Assume: GridView control ID: ProductList

Assume: GridView ItemTemplate control is a Label, control ID: ProductID

Assume: plus sign is the Select CommandField button

protected void ProductList\_SelectedIndexChanged(object sender, EventArgs e)  
{  
 GridViewRow agvrow = ProductList.Rows[ProductList.SelectedIndex];  
 var pid = (agvrow.FindControl(“ProductID”) as Label).Text;  
}

GridView as part of a Repeater

Development source: <https://stackoverflow.com/questions/24358307/how-access-a-gridview-events-and-gridview-inside-a-repeater>

Assume: Repeater control ID: DTORepeater, ItemType: SomeSystem.Data.DTOs.DTOClass

Assume: GridView control ID: POCOGridView, ItemType: SomeSystem.Data.POCOs.POCOClass

Assume: GridView ItemTemplate control is a Label, control ID: ProductID

Assume: plus sign is the Select CommandField button

protected void POCOGridView\_SelectedIndexChanged(object sender, EventArgs e)

{

GridView grd = (GridView)sender;

GridViewRow agvrow = grd.Rows[grd.SelectedIndex];

MessageUserControl.ShowInfo("The Product ID selected",  
 (agvrow.FindControl("ProductID") as Label).Text);

}

ListView stand-alone

Assume: ListView control ID: ProductList

Assume: Listview event: OnItemCommand=”ProductList\_ItemCommand”

Assume: ListView ItemTemplate control is a TextBox, control ID: Qty

Assume: plus sign is the Button control with a:  
 CommandName=”xxxx” (where xxxx is OptionA)  
 CommandArgument=’<%# Bind(“ProductID”) %>’

protected void ProductList\_ItemCommand(object sender, ListViewCommandEventArgs e)

{

var qty = (e.Item.FindControl("Qty") as TextBox).Text;

var pid = e.CommandArgument.ToString();

var msg = string.Format("Button pressed {0} with Pid: {1} has qty of {2}",   
 e.CommandName, pid, qty);

MessageUserControl.ShowInfo("Button selected", msg);

}

Listview Stand-Alone

Assume: ListView control ID: ProductList

Assume: Listview traverse whole collection

protected void Totals\_Click(object sender, EventArgs e)

{

double qty = 0;

//use foreach to cycle through the listview

foreach (ListViewItem item in this.ProductList.Items)

{

qty += double.Parse((item.FindControl("Qty") as TextBox).Text);

}

}