# 第三方控件使用大全

# 【张杰章开发过程中整理】

### 一、ComboBoxEdit

1、如何使其不可编辑

TextEditStyle 设置为: DisableTextEditor

2、如何设置鼠标为手形

Cursor 设置为: Hand

#### 二、GridControl

1、如何解决单击记录整行选中的问题

View->OptionsBehavior->EditorShowMode 设置为: Click

- 2、如何新增一条记录
  - (1) gridView.AddNewRow()
  - (2)、实现 gridView InitNewRow 事件
- 3、如何解决 GridControl 记录能获取而没有显示出来的问题 gridView.populateColumns();
- 4、如何让行只能选择而不能编辑(或编辑某一单元格)
  - (1)、View->OptionsBehavior->EditorShowMode 设置为: Click
  - (2)、View->OptionsBehavior->Editable 设置为: false
- 5、如何禁用 GridControl 中单击列弹出右键菜单

设置 Run Design->OptionsMenu->EnableColumnMenu 设置为: false

6、如何隐藏 GridControl 的 GroupPanel 表头

设置 Run Design->OptionsView->ShowGroupPanel 设置为: false

7、如何禁用 GridControl 中列头的过滤器 过滤器如下图所示:



设置 Run Design->OptionsCustomization->AllowFilter 设置为: false

8、如何在查询得到 0 条记录时显示自定义的字符提示/显示如图所示:



```
设置 this.gridView.MoveNext()
12、如何定位到最后一条数据/记录?
   设置 this.gridView.MoveLast()
13、设置成一次选择一行,并且不能被编辑
    this.gridView1.FocusRectStyle =
              DevExpress. XtraGrid. Views. Grid. DrawFocusRectStyle. RowFocus;
      this.gridView1.OptionsBehavior.Editable = false;
     this.gridView1.OptionsSelection.EnableAppearanceFocusedCell = false;
14、如何显示行号?
   this.gridView1.IndicatorWidth = 40;
  //显示行的序号
   private void gridView1_CustomDrawRowIndicator(object sender,
                        RowIndicatorCustomDrawEventArgs e)
   {
      if (e. Info. IsRowIndicator && e. RowHandle>=0)
         e. Info. DisplayText = (e. RowHandle + 1). ToString();
  }
15、如何让各列头禁止移动?
    设置 gridView1.OptionsCustomization.AllowColumnMoving = false;
16、如何让各列头禁止排序?
    设置 gridView1.OptionsCustomization.AllowSort = false;
17、如何禁止各列头改变列宽?
    设置 gridView1.OptionsCustomization.AllowColumnResizing = false;
18、
19、
20、
21、
22、
23、
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```

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#### 三、navBarControl

- 1、如何在每一个 navBarGroup 里添加自己想要的控件 设置 GroupStyle: ControlContainer
- 2、如何设置 navBarGroup 有滚动条 设置 SkinExplorerBarViewScrollStyle:ScrollBar
- 3、如休把 navBarGroup 设置成如下样式 如图所示:



设置 navBarGroup 的 PaintStyleName 属性为: SkinNavigationPane

# 四、toolTipController

效果图如下:



1、如何设置显示的时间长短

设置 this.toolTipController1.AutoPopDelay = 2000;

2、如何在屏幕上显示如上图所示的效果

```
ToolTipControllerShowEventArgs args =
this.toolTipController1.CreateShowArgs();
this.toolTipController1.SetToolTip(this.sbtnYes, "请选择一条记录!");
this.toolTipController1.SetTitle(this.sbtnYes, "提示");
this.toolTipController1.SetToolTipIconType(this.sbtnYes,
DevExpress.Utils.ToolTipIconType.Exclamation);
this.toolTipController1.ShowBeak = true;
this.toolTipController1.ShowShadow = true;
this.toolTipController1.Rounded = true;
this.toolTipController1.ShowHint("请选择一条记录!", "提示");
args.ToolTip = "请选择一条记录!";
args.Title = "提示";
```

3、如何设置边框的颜色

this. toolTipController1. Appearance. BorderColor = Color. Red;

# 五、TextEdit

1、如何设置 TextEdit 为多行,可拉伸 设置 TextEdit 的 Propertity->AutoHeight 为: False

#### 六、LayoutControl

1、如何设置 LayoutItem 为隐藏 设置 LayoutItem.Visibility = Never

# 七、TreeList

- 1、如何隐藏 TreeList 的列头 设置 TreeListr 的 OptionsView 的 ShowColumns 属性为: False
- 2、如何

### 八、PictureEdit

1、如何禁止 PictureEdit 的右键菜单? 设置 PictureEdit 的 Properties->ShowMenu 为: false

# 九、TreeList

1、如何让 TreeList 的每个结点高亮显示? 效果如下:



```
代码如下:
private void treeList1_CustomDrawNodeCell(object sender,
DevExpress.XtraTreeList.CustomDrawNodeCellEventArgs e)
          TreeList node = sender as TreeList;
          if (e.Node == node.FocusedNode)
             e.Graphics.FillRectangle(SystemBrushes.Window, e.Bounds);
             Rectangle r = new Rectangle(e.EditViewInfo.ContentRect.Left,
                                     e.EditViewInfo.ContentRect.Top,
                                     Convert.ToInt32(e.Graphics.MeasureString(e.CellText,
treeList1.Font).Width + 1),
Convert.ToInt32(e.Graphics.MeasureString(e.CellText,treeList1.Font).Height));
             e.Graphics.FillRectangle(SystemBrushes.Highlight, r);
             e.Graphics.DrawString(e.CellText, treeList1.Font, SystemBrushes.HighlightText, r);
             e.Handled = true;
          }
               }
//-----
  一、改变 grid 的样式。
DevExpress.XtraGrid.Design.XAppearances xapp;
xapp=new
DevExpress. XtraGrid. Design. XAppearances (System. Environment. GetFolderPath (System. Environment.
SpecialFolder.System) + "\\DevExpress.XtraGrid.Appearances.xml");
xapp.LoadScheme ("样式名字", gridControl1.MainView);
    选择单元设置和取所选的值
    gridView1.OptionsSelection.MultiSelect = ceMultiSelect.Checked; //多行选择
   gridView1.OptionsSelection.MultiSelectMode= GridMultiSelectMode.CellSelect;
   gridView1.OptionsSelection.MultiSelectMode= GridMultiSelectMode. RowSelect; //
```

三、gridview 的控制

# ///<取当前选中的值>

```
string GetSelectedRows(GridView view) {
           string ret = "";
            int rowIndex = -1;
            if(view.OptionsSelection.MultiSelectMode == GridMultiSelectMode.RowSelect) {
                foreach(int i in gridView1.GetSelectedRows()) {
                    DataRow row = gridView1.GetDataRow(i);
                    if(ret != "") ret += "\r\n";
                    ret += string.Format("Company Name: {0} (#{1})", row["CompanyName"], i);
                }
           }
           else {
                foreach(GridCell cell in view.GetSelectedCells()) {
                    if(rowIndex != cell.RowHandle) {
                        if(ret != "") ret += "\r\n";
                        ret += string.Format("Row: #{0}", cell.RowHandle);
                    ret += "\r\n
                                    " + view. GetRowCellDisplayText(cell.RowHandle,
cell.Column);
                   rowIndex = cell.RowHandle;
                }
           return ret;
```

# ///<设置选中的颜色>//半透明的效果

```
private void icbTranslucentColors_CheckedChanged(object sender, System. EventArgs e) {
    if(icbTranslucentColors.Checked) {
        gridView1. Appearance. SelectedRow. BackColor = Color. FromArgb(30, 0, 0, 240);
        gridView1. Appearance. FocusedRow. BackColor = Color. FromArgb(60, 0, 0, 240);
    }
    else {
        gridView1. Appearance. SelectedRow. Reset();
        gridView1. Appearance. FocusedRow. Reset();
    }
}
```

```
gridView1. OptionsView. NewItemRowPosition = NewItemRowPosition. Bottom//Top/None;
///<设置 gridView 的按钮>
   gridView1. ShowButtonMode = ShowButtonModeEnum. . . . . . . .
     gridViewl. OptionsBehavior. Editable = chEdit. Checked; //设置按钮是否可用
///向选中的空间输入字符串
SendKeys. Send("fsfds");
///控件焦点
gridControl1.Focus();
四、cardView 的设置
///是否现实快捷按钮 CustomizeButton
cardView1. OptionsView. ShowQuickCustomizeButton=true/false;
///设置 CustomizeButton 的能否排序和过滤
foreach(GridColumn col in cardView1.Columns)
           { col. OptionsColumn. AllowSort}
foreach(GridColumn col in cardView1.Columns)
             { col.OptionsFilter.AllowFilter}
///card 的头上的 ico 显示
cardView1.LayoutChanged();
///card 的头上的标题改变显示
cardView1. CardCaptionFormat ="";
///cardview 显示的单个记录的折叠按钮
cardView1. OptionsView. ShowCardExpandButton=true;
cardView1.MaximumCardColumns =iSize
cardView1. MaximumCardRows = val:
cardView1. OptionsBehavior. AutoHorzWidth
///多选
cardView1. OptionsSelection. MultiSelect = ceMultiSelect. Checked;
foreach(int i in cardView1.GetSelectedRows()) {
               DataRow row = cardView1. GetDataRow(i);
               if(ret != "") ret += "\r\n";
               ret += string. Format("{0} / {1} : {2:$#, 0.00}", row["Trademark"], row["Model"],
row["Price"]);
           }///查看选择中的记录
```

# CellMerging(单元格合并的效果)

#### CellMerging(单元格合并的效果)

gridView1.OptionsView.AllowCellMerge = ceMerging.Checked;

# Fixed Bands(bandedGridView)

#### ///两边固定

gridBand3 的一列的Fixed 属性改成 Right, Left, None

#### ///固定与非固定列之间的距离用

bandedGridView2.FixedLineWidth = (int)numFixedLineWidth.Value;

#### ///设置列的颜色

- 打开 Run Designer 选中 Columns 选中要改变的列 里面有 AppearanceCell (设置列的外观)和 AppearanceHeader (设置表格头的外观)
- 或者选中该列查看"属性"里面也有这两个属性。

# <mark>///统计</mark> (gridView bandedGridView通用)

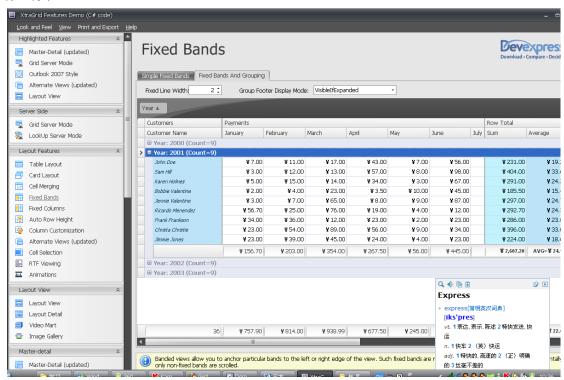
分组统计和全部统计:

全部统计: 在最下面显示统计的结果。

Run Designer->Total Summary //->General 设置显示

//->Columns 对特定列来设置统计

汇总结果是否显示:可以通过 gridControl 的 view 的 ShowFooter 属性来设置表格下面的汇总结果分组统计:



以上就是"分组"的 显示在每个分组下面来显示汇总结果。

通过 bandedGridView2. GroupFooterShowMode= GroupFooterShowMode.。。。。设置分组的显示模式。

```
///GridView 设置菜单
```

```
#region Grid events
                                             gridView1_ShowGridMenu(object
         private
                             void
                                                                                        sender,
DevExpress. XtraGrid. Views. Grid. GridMenuEventArgs e) {
              if(e.MenuType == DevExpress.XtraGrid.Views.Grid.GridMenuType.Column) {
                   DevExpress. XtraGrid. Menu. GridViewColumnMenu
                                                                    menu
                                                                                   e. Menu
                                                                                              as
DevExpress. XtraGrid. Menu. GridViewColumnMenu;
                   menu. Items. Clear();
                   if (menu. Column != null) {
                        menu. Items. Add (CreateCheckItem ("Not
                                                                    Fixed",
                                                                                   menu. Column,
FixedStyle.None, imageList2.Images[0]));
                        menu. Items. Add (CreateCheckItem ("Fixed
                                                                     Left",
                                                                                   menu. Column,
FixedStyle.Left, imageList2.Images[1]));
                        menu. Items. Add (CreateCheckItem ("Fixed
                                                                     Right",
                                                                                   menu. Column,
FixedStyle.Right, imageList2.Images[2]));
              }
         }
         #endregion
         #region New column menu
         DXMenuCheckItem CreateCheckItem(string caption, GridColumn column, FixedStyle style,
Image image) {
              DXMenuCheckItem item = new DXMenuCheckItem(caption, column. Fixed == style, image,
new EventHandler(OnFixedClick));
              item. Tag = new MenuInfo(column, style);
              return item;
         }
         void OnFixedClick(object sender, EventArgs e) {
              DXMenuItem item = sender as DXMenuItem;
              MenuInfo info = item. Tag as MenuInfo;
              if(info == null) return;
              info.Column.Fixed = info.Style;
         class MenuInfo {
              public MenuInfo(GridColumn column, FixedStyle style) {
                   this. Column = column;
                   this. Style = style;
              public FixedStyle Style;
              public GridColumn Column;
#endregion
```

# ///gridview cardView 自动行高

● 行高自动匹配

```
gridView1. OptionsView. RowAutoHeight = ce. Checked;
cardView1. OptionsBehavior. FieldAutoHeight = ce. Checked;
```

- 当文字多的时候(行高自动匹配 设置是才有用) repositoryItemMemoEdit1.LinesCount = ce.Checked ? 0 : 1; 设置自动全部显示该的所有行。
- 图片时(行高自动匹配 设置是才有用) repositoryItemPictureEdit1.CustomHeight = ce.Checked ? 0 : 40;

# ///BandedGridView 自己订制列的方法

```
advBandedGridView1. ColumnsCustomization();
advBandedGridView1. DestroyCustomization();
advBandedGridView1. OptionsCustomization. AllowChangeColumnParent = edit. Checked;
advBandedGridView1. OptionsCustomization. AllowChangeBandParent = edit. Checked;
advBandedGridView1. OptionsCustomization. ShowBandsInCustomizationForm = edit. Checked;
///设置图片动画模式
gridView1. OptionsView. AnimationType = (GridAnimationType)
```

### ///根据字段来分组模式

```
switch(index) {
```

```
case 0:
    SetInterval(gridColumn1, ColumnGroupInterval.Alphabetical);
    gridColumn2.GroupInterval = ColumnGroupInterval.Alphabetical;
    break;
case 1:
    SetInterval(gridColumn5, ColumnGroupInterval.DateMonth);
    break;
case 2:
    SetInterval(gridColumn5, ColumnGroupInterval.DateYear);
    break;
case 3:
    SetInterval(gridColumn5, ColumnGroupInterval.DateRange);
    break;
case 4:
    SetSortMode(gridColumn4, ColumnSortMode.Custom);
    break;
default:
    SetInterval(gridColumn2, ColumnGroupInterval.Value);
    break:
```

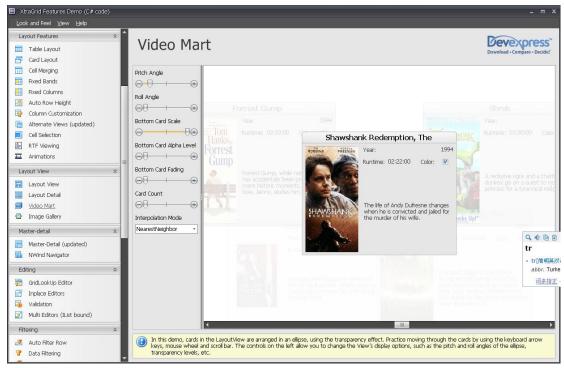
```
void SetInterval(GridColumn column, ColumnGroupInterval interval) {
              column.GroupInterval = interval;
              column. GroupIndex = 0;
         }
         void SetSortMode(GridColumn column, ColumnSortMode sortMode) {
              column.SortMode = sortMode;
              column.GroupIndex = 0;
改变分组样式
gridView1. OptionsView. GroupDrawMode = (GroupDrawMode)
///清除分组
gridView1.ClearGrouping();
foreach(GridColumn column in gridView1.Columns) {
                       column.GroupInterval = ColumnGroupInterval.Default;
                       column.SortMode = ColumnSortMode.Default;
///CustomDataSummaries 设置 Grop
private void numCustom_ValueChanged(object sender, System. EventArgs e) {
           CustomGridView.UpdateSummary();
           UpdateCaptions (numCustom. Value);
        private void UpdateCaptions(decimal d) {
           CustomGridView.GroupSummary[0].DisplayFormat = "(Order Count [WHERE Freight >= " +
d. ToString() + "] = \{0\})";
           OnSetCaption("");
            gridView2.FormatConditions[0].Value1 = d;
        protected override void OnSetCaption(string fCaption) {
            fCaption = "count records WHERE Freight >= " + numCustom. Value. ToString();
           if (Caption != null)
               Caption. Text = string. Format("{0} ({1})", TutorialName, fCaption);
  /下面的效果的实现
```

ınt [WHERE Freig	ght >=	100] =	22),	(Total	Order	Count	= 96)
						¥ 55.28	1994-8-2
						125.77	1994-9-9
						¥ 8.98	1994-9-:
						¥ 1.15	1994-10
						¥ 17.68	1994-10
:						¥ 0.56	1994-10
						¥ 40.26	1994-10
						¥ 1.96	1994-10
						¥ 63.36	1994-11
						¥ 15.66	1994-11
						249.06	1994-12
						101.95	1994-12
						<b>¥</b> 45.03	1995-1-:
						<b>¥</b> 34.86	1995-1-:
					¥	122.46	1995-1-2

Run Designere -> Style Conditions ->Add ->column 设置列的 Condition 设置条件 value1, value2 是参数值

```
代码:
    public void setStyle(GridView gridView)
    {
        StyleFormatCondition cn;
        cn = new StyleFormatCondition(FormatConditionEnum. Equal, gridView. Columns["bd_c"],
null, false);
        cn. ApplyToRow = true;//false只对列其作用。
        cn. Appearance. Font = new Font(AppearanceObject. DefaultFont, FontStyle. Bold);
        cn. Appearance. ForeColor = Color. Brown;
        gridView. FormatConditions. Add(cn);
}
```

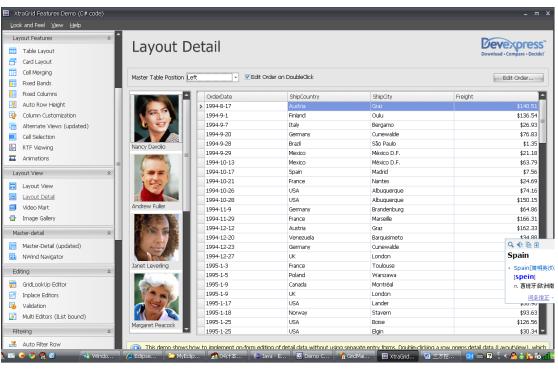
# ///LayoutView



# ///layout 卡片的样式在 run designer -> layout 里面设置

```
Size originalCardMinSize = Size.Empty;
    private void zoomTrackBarControl1_EditValueChanged(object sender, EventArgs e) {
        if (originalCardMinSize == Size.Empty) originalCardMinSize =
        layoutView1. CardMinSize;
            double koeff = ((int)zoomTrackBarControl1.EditValue) / 100.0 - 0.2;
            Size newSize = new Size(originalCardMinSize.Width + (int)(originalCardMinSize.Width + (int) (originalCardMinSize.Width + (int)(originalCardMinSize.Width + (in
```

# 下图中设置 layoutView 位置的方法



```
protected void SetMasterTableLeftPlacement() {
           LayoutItemDragController dc = new LayoutItemDragController(masterTableItem,
detailTableItem, InsertLocation.Before, LayoutType.Horizontal);
           DoDragItem(dc);
           SetMasterViewColumnLayout();
        protected void SetMasterTableRightPlacement() {
           LayoutItemDragController dc = new LayoutItemDragController(masterTableItem,
detailTableItem, InsertLocation.After, LayoutType.Horizontal);
           DoDragItem(dc);
            SetMasterViewColumnLayout();
        private void SetMasterTableTopPlacement() {
           LayoutItemDragController dc = new LayoutItemDragController(masterTableItem,
detailTableItem, InsertLocation.Before, LayoutType.Vertical);
           DoDragItem(dc);
            SetMasterViewRowLayout();
        protected void SetMasterTableBottomPlacement() {
           LayoutItemDragController dc = new LayoutItemDragController(masterTableItem,
detailTableItem, InsertLocation.After, LayoutType.Vertical);
           DoDragItem(dc);
            SetMasterViewRowLayout();
```

```
}
        protected void DoDragItem(LayoutItemDragController dc) {
           masterTableItem.SizeConstraintsType =
DevExpress.XtraLayout.SizeConstraintsType.Default;
           masterTableItem. Move(dc);
        protected void SetMasterViewColumnLayout() {
            SetMasterItemVerticalSize();
            employesLayoutView. OptionsBehavior. AllowSwitchViewModes = true;
            employesLayoutView.OptionsView.ViewMode = LayoutViewMode.Column;
            employesLayoutView.OptionsBehavior.AllowSwitchViewModes = false;
            employesLayoutView.Refresh();
        protected void SetMasterViewRowLayout() {
            SetMasterItemHorizontalSize();
            employesLayoutView.OptionsBehavior.AllowSwitchViewModes = true;
            employesLayoutView.OptionsView.ViewMode = LayoutViewMode.Row;
            employesLayoutView.OptionsBehavior.AllowSwitchViewModes = false;
            employesLayoutView.Refresh();
        }//// private DevExpress.XtraLayout.LayoutControlItem masterTableItem;
```

#### ///直接打印 gridcontro

```
Cursor currentCursor = Cursors.Current;
Cursor.Current = Cursors.WaitCursor; //取当前的鼠标。并设置
if (DevExpress.XtraPrinting.PrintHelper.IsPrintingAvailable)
DevExpress.XtraPrinting.PrintHelper.ShowPreview(gridControl1);///打印
else
MessageBox.Show("XtraPrinting Library is not found...", "Information", MessageBoxButtons.OK,
MessageBoxIcon.Information);
Cursor.Current = currentCursor:
```