1. what does FallbackValue mean in wpf?

绑定无法返回有效值时的默认显示。

1. How to bind errorinformation from a element to another element?

<Label Content="{Binding ElementName=customerName, Path=(Validation.Errors).CurrentItem.ErrorContent}"></Label>

3, How to set errorTmeplate to null?

Validation.ErrorTemplate="{x:Null}"

4, How to set errorStyle to another element?

Validation.ValidationAdornerSite="{Binding ElementName=AdornerSite}"

5, How to use resources in app.xaml when we define a class using startup class?

App app = new App(); app.Initialcomponent(); app.run(window);

6, How to change Bitmap into BitmapImage?

public BitmapImage BitmapToBitmapImage(Bitmap bitmap)

{

Bitmap bitmapSource = new Bitmap(bitmap.Width, bitmap.Height);

int i, j;

for (i = 0; i < bitmap.Width; i++)

for (j = 0; j < bitmap.Height; j++)

{

Color pixelColor = bitmap.GetPixel(i, j);

Color newColor = Color.FromArgb(pixelColor.R, pixelColor.G, pixelColor.B);

bitmapSource.SetPixel(i, j, newColor);

}

MemoryStream ms = new MemoryStream();

bitmapSource.Save(ms, System.Drawing.Imaging.ImageFormat.Bmp);

BitmapImage bitmapImage = new BitmapImage();

bitmapImage.BeginInit();

bitmapImage.StreamSource = new MemoryStream(ms.ToArray());

bitmapImage.EndInit();

return bitmapImage;

}

Change Bitmap into BitmapSource:

BitmapSource inherits from ImageSource, so it can be source of a image.

The best method:

[DllImport("gdi32")]

static extern int DeleteObject(IntPtr o);

BitmapSource GetImageSourceFromBitmap(Bitmap bitmap)

{

IntPtr ip = bitmap.GetHbitmap();

BitmapSource bitmapSource = System.Windows.Interop.Imaging.CreateBitmapSourceFromHBitmap(

ip, IntPtr.Zero, Int32Rect.Empty,

System.Windows.Media.Imaging.BitmapSizeOptions.FromEmptyOptions());

DeleteObject(ip);

return bitmapSource;

}

7, How to get type of a class?

Type type = typeof(class);

PropertyInfo properttInfo = irType.GetProperty(value.ToString());

8, wpf的进程,通过修改Properties目录下的AssemblyInfo.cs文件中的AssemblyTitle,使任务管理器呈现不同的名字,如果为空的话,那么进程名显示文件名(\*.exe)(win10)

9,ShowInTaskBar=false 可以在alt+tab中隐藏?在winform中可以 在wpf中不可以

10,怎么将进程不在任务管理器中显示?How to hidden the application from task manager?

11,how to display bitmap in wpf?

12,Mouse.Capture(element)之后，鼠标再点击其他控件将不产生事件，除非失去焦点后重新获得焦点

13,drag and drop

Drag: Label label = sender as Label;

DragDrop.DoDragDrop(label, label.Content, DragDropEffects.Copy);

Drop: Label label = sender as Label;

label.Content = e.Data.GetData(DataFormats.Text);

14,set rgb color:

New SolidColorBrush(Color.FromRgb(255,0,0));

Xaml中 background = “red” 等价于 cs中 new SolidColorBrush(Colors.Red);

15, 运行wpf程序时启动了两个窗口,是因为自定义了一个启动类,然后使用app.run(win)函数,但是app.xaml中又没有删除StartUpUrl这一属性,只要删除即可.

16,wpf国际化:https://www.cnblogs.com/yang-fei/p/4854460.html

17,Wpf中的FlowDirection可以使图像翻折,而文字没有镜像.

18,如何做到border只有一个角是圆角 CornerRadious=”5,0,0,0”

19,自定义启动类,只有这样才能正常加载app.xaml中的资源(app.xaml中已经设置好startupurl)

App app = new App();

app.InitializeComponent();

app.Run();

20,和wpf相关的几个dll

// PresentationCore// PresentationFramework// WindowsBase

21,怎么根据namespace获取对应的程序集,可以通过对象浏览器搜索查看

22,错误 13 不安全代码只会在使用 /unsafe 编译的情况下出现

在项目属性中生成一栏,勾选允许不安全代码

# 23, [Disable DPI awareness for WPF application](https://stackoverflow.com/questions/13858665/disable-dpi-awareness-for-wpf-application)

<https://stackoverflow.com/questions/13858665/disable-dpi-awareness-for-wpf-application?utm_medium=organic&utm_source=google_rich_qa&utm_campaign=google_rich_qa>

继承Decorator类

24,winform的资源文件的添加和应用

25,在linux ubuntu系统上，通过ctrl+h快捷键可以显示或者隐藏 隐藏的文件夹

# 26,怎么改变slider 选中的颜色[How to change slider's selection color in WPF](https://stackoverflow.com/questions/14557965/how-to-change-sliders-selection-color-in-wpf)

Website：<https://stackoverflow.com/questions/14557965/how-to-change-sliders-selection-color-in-wpf>

解决方法：

<Slider Margin="0,10,0,0" Width="287" Value="6" IsSelectionRangeEnabled="True" SelectionEnd="6" >

<Slider.Resources>

<SolidColorBrush x:Key="{x:Static SystemColors.HighlightBrushKey}" Color="Black" />

<SolidColorBrush x:Key="{x:Static SystemColors.ControlDarkDarkBrushKey}" Color="Silver" />

</Slider.Resources>

</Slider>

27，vs切换主题后，代码区还是保留着之前主题的颜色，重启vs即可。

28，application 的startup事件和onstartup函数。先调用startup事件后来再执行onstartup函数，猜测是startup事件中调用了onstartup方法。

29，在app.xaml的startupurl中定义了启动url，然后在startup事件中又new了一个window对象，并showdialog，则只启动自定义的window窗口，若是使用show方法，那么则启动两个窗口，自定义的窗口为主窗口

30，如果想用listbox的itemssource绑定xml数据，那么应该这样绑定：

<ListBox Name="ListBoxXmlData" Grid.Column="0" ItemsSource="{Binding Source={StaticResource donetxml}, XPath=question/@name}">

</ListBox>

31，xpath竟然会导致绑定的数据类型不一致，例如xpath=question，那么item的类型是xelement，如果是xpath=question/@name那么item的类型是xattribute。

所以使用的绑定语句是：

32：gridsplitter的使用

<GridSplitter Grid.Column="1" VerticalAlignment="Stretch" Width="3" HorizontalAlignment="Center" Background="#FFA700FF" ></GridSplitter>

如果没有HorizontalAlignment="Center" 将达不到预期的效果。

33,如何在后台代码中使用动画:

transform.BeginAnimation(TranslateTransform.XProperty, animation);

1. AppDomain是干嘛用的

// System.InvalidOperationException: 在应用程序中创建第一个 IWin32Window 对象之前，必须调用 SetCompatibleTextRenderingDefault。

Application.SetCompatibleTextRenderingDefault(false);

35:获取运行文件路径:

System.Reflection.Assembly.GetExecutingAssembly().Location;

36:listbox绑定源的时候一定不能这么写:

Itemssource={binding source=items}

要这么写:ItemsSource = {bingding Items}

37,Button会屏蔽掉MouseLeftButtonDown事件

要想实现在按钮上拖动窗口的功能,切按钮click事件能正常触发,那么window的previewmouseleftbuttondown和button的previewmouseleftbuttondown事件都要写成

ThreadPool.QueueUserWorkItem((obj) =>

{

Thread.Sleep(100);

this.Dispatcher.BeginInvoke((Action)(() =>

{

if (Mouse.LeftButton == MouseButtonState.Pressed)

{

this.DragMove();

}

}));

});

38:目录

Environment.CurrentDirectory = AppDomain.CurrentDomain.BaseDirectory;

39, how to show html design view in vs?

1. Right click any HTML file in the Solution Explorer in Visual Studio and click on Open with
2. Select the HTML (web forms) editor
3. Click on Set as default
4. Click on the OK button

40, how to set comment custom shortcut in vs?

Edit.comment