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;