



INTRODUCTION TO DATA TEMPLATES AND VALUE CONVERTERS IN SILVERLIGHT 3

Presented by Jeremy Clark
www.jeremybytes.com

AGENDA

- About Me
- Data Template & Value Converter Overview
- LOOK AT THE CODE
- Resources



ABOUT ME

- Jeremy Clark
- 10 Years as an Application Developer
- .NET/C# since 2005
- ASP.NET, WinForms, Web Services, WCF, WPF, Silverlight
- www.jeremybytes.com



Jeremy – Age 2



OVERVIEW

Data Templates

- Flexible Layout
- Standard UI Controls
- Centralization of Templates as Resources

Value Converters

- IValueConverter Interface
- Convert()
- ConvertBack()



LOOK AT THE CODE

```
</StackPanel>
</StackPanel>
</Border>
</DataTemplate>
</UserControl.Resources>
<Border x:Name="LayoutRoot" Padding="5"
        BorderBrush="Black" BorderThickness="2"
        Background="White">
    <Grid>
        <Grid.ColumnDefinitions>
            <ColumnDefinition Width="*" />
            <ColumnDefinition Width="*" />
        </Grid.ColumnDefinitions>

        <ListBox x:Name="PersonList"
                Grid.Column="0" Margin="5"
                BorderBrush="Green" BorderThickness="2"
                ItemTemplate="{StaticResource PersonListTemplate}">
        </ListBox>

        <!-- Detail Panel -->
        <StackPanel x:Name="DetailPanel" Grid.Column="1" Margin="5"
                DataContext="{Binding ElementName=PersonList, Path=
                <TextBlock Text="First Name: " />
                <TextBlock Text="{Binding FirstName}"
                        FontWeight="Bold" FontSize="14"/>
                <TextBlock Text="Last Name: " />
```



RESOURCES

- Pro Silverlight 3 in C# by Matthew MacDonald
 - <http://www.apress.com/book/view/1430223812>
 - Excellent resource for all things Silverlight
- MSDN – IValueConverter Interface
 - <http://msdn.microsoft.com/en-us/library/system.windows.data.ivalueconverter.aspx>
- JeremyBytes
 - <http://www.jeremybytes.com/Demos.aspx>
 - Contains downloadable code and full walkthrough
 - Email: jeremy@jeremybytes.com

