

Windows Presentation Foundation

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pluralsight 
hardcore dev and IT training

Agenda

- Windows Presentation Foundation Basics
- XML / XAML
- Example: DinerMax 3000 WPF Client
- Summary

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Windows Presentation Foundation


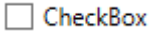
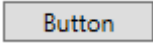


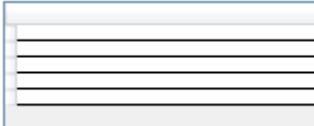
- Graphical rendering
- XAML
- Standalone applications or hosted as embedded objects

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The Components

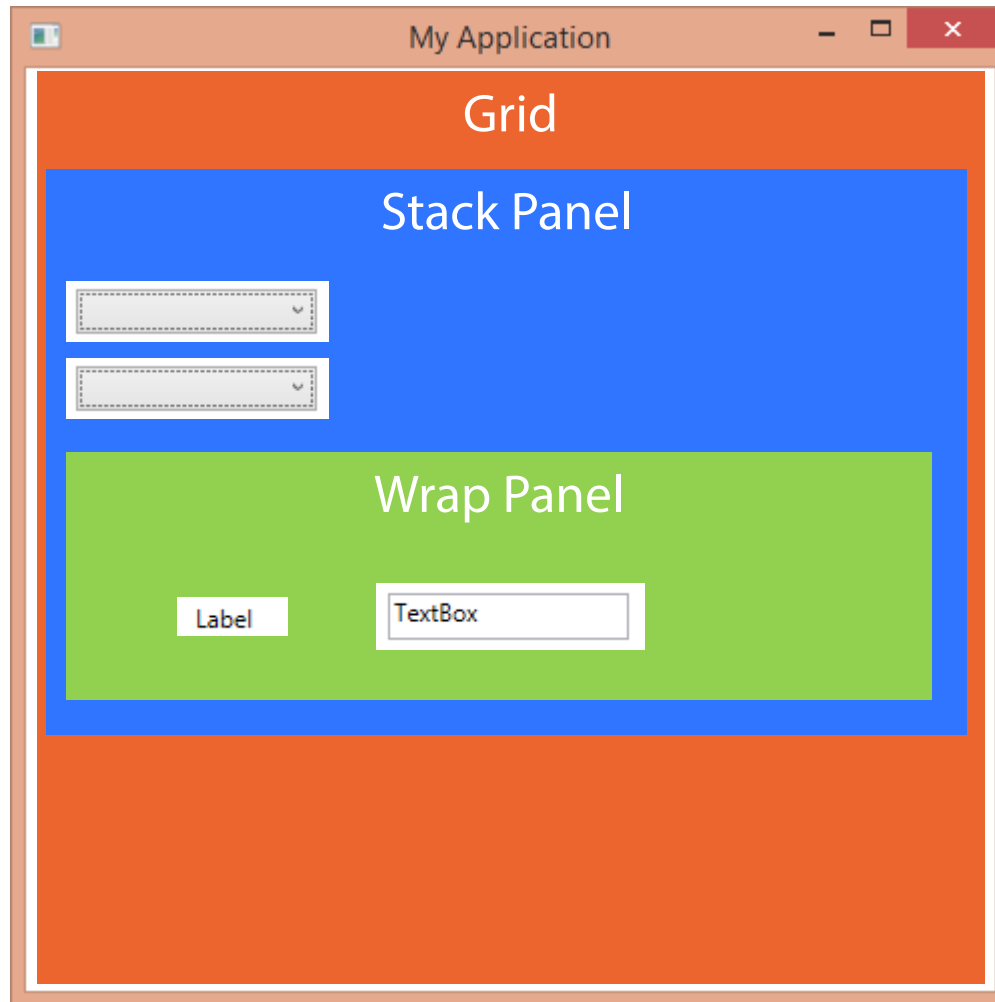
- Textbox  A rectangular text input field with the text "TextBox" inside.
- Checkbox  An unchecked checkbox followed by the text "CheckBox".
- Button  A rectangular button with a light gray background and the text "Button" in the center.
- Label  The text "Label" in a standard font.
- Combobox  A rectangular dropdown menu with a dashed border and a small downward arrow on the right side.
- Datagrid  A table-like structure with a header row and several data rows, representing a data grid.

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The Window Layout



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XML

- eXtensible Markup Language
- Elements
- Attributes
- Schemas

```
<family name="Sandberg">  
  <Member role="Father">Jan-Erik</Member>  
  <Member role="Mother">Marianne</Member>  
</family>
```

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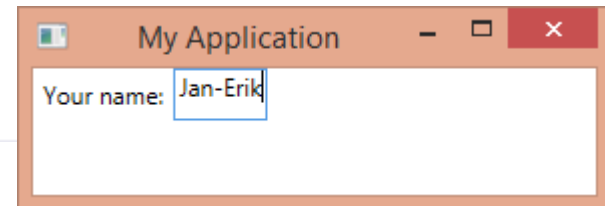
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XAML

- Extensible Application Markup Language

```
<Window x:Class="WpfApplication1.MainWindow"
        xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
        xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
        Title="My Application" Height="500" Width="500">
    <Grid>
        <StackPanel>
            <WrapPanel>
                <Label>Your name:</Label>
                <TextBox></TextBox>
            </WrapPanel>
        </StackPanel>
    </Grid>
</Window>
```



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