# Windows Presentation Foundation

Jan-Erik Sandberg
[www.jan-erik.com](www.jan-erik.com)

**pluralsight**
hardcore dev and IT training

# Agenda

- **Windows Presentation Foundation Basics**

- **XML / XAML**

- **Example: DinerMax 3000 WPF Client**

- **Summary**

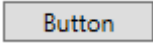# Windows Presentation Foundation
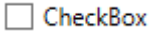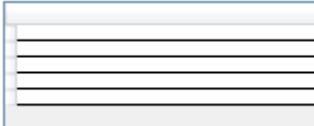
- Graphical rendering

- XAML

- Standalone applications or hosted as embedded objects

# The Components

- **Textbox**   TextBox

- **Checkbox**   ☐ CheckBox

- **Button**   Button

- **Label**   Label

- **Combobox**

- **Datagrid**

# The Window Layout

# XML

- **eXtensible Markup Language**

- **Elements**

- **Attributes**

- **Schemas**

```
<family name="Sandberg">

    <Member role="Father">Jan-Erik</Member>

    <Member role="Mother">Marianne</Member>

</family>
```
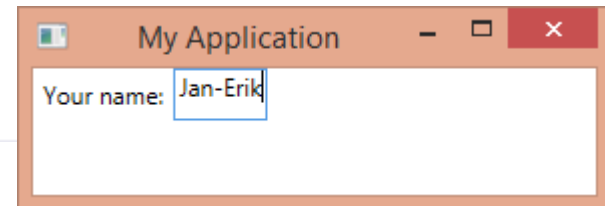
# XAML

- **Extensible Application Markup Language**

```xml
<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>
```

My Application

Your name: Jan-Erik

# Example: Diner Max 3000 WPF Client

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