

The left side of the slide features a vertical stack of decorative elements. At the top, there are several thin, light gray vertical bars of varying widths. Below these, a large, solid dark blue circle is positioned. To its right and slightly lower, there is a smaller dark blue circle. Further down and to the right, another dark blue circle is visible. Below that, there is a very small dark blue circle. At the bottom of this group, there is another dark blue circle. The text is positioned to the right of these circles.

# **INTRODUCTION TO XAML WITH SILVERLIGHT 4**

**Presented by Jeremy Clark**  
**[www.jeremybytes.com](http://www.jeremybytes.com)**

# AGENDA

- About Me
- XAML Topics
- 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 , ASP.NET MVC
- [www.jeremybytes.com](http://www.jeremybytes.com)



Jeremy with Andre Agassi\*

\*at the wax museum



# XAML TOPICS

- Document Structure
- Namespaces
- Elements
- Properties as Attributes
- Properties as Nested Elements
- Attached Properties
- TypeConverter Enabled Properties
- Comments
- Event Handlers



# LOOK AT THE CODE

The screenshot displays the Microsoft Visual Studio IDE for a Silverlight application named 'IntroToXAML-Silverlight4'. The main window is split into two views: Design and XAML.

**Design View:** Shows a blue rectangular stopwatch UI. At the top, the time '00:00' is displayed in large black font. Below the time are three buttons labeled 'Start', 'Stop', and 'Clear'.

**XAML View:** Shows the XAML code for the 'MainPage.xaml' file. The code defines a 'UserControl' named 'SilverlightStopWatch.MainPage' with a height of 125 and width of 250. It includes a local resource for a 'Ticker' and a style for buttons.

```
<UserControl x:Class="SilverlightStopWatch.MainPage"
  xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
  xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
  xmlns:local="clr-namespace:JeremyBytes.StopWatch"
  Height="125" Width="250">
  <UserControl.Resources>
    <local:Ticker x:Key="localTicker"/>
  </UserControl.Resources>
  <Style TargetType="Button" x:Key="ButtonStyle">
    <Setter Property="FontSize" Value="16"/>
    <Setter Property="Margin" Value="3"/>
    <Setter Property="Padding" Value="7,3,7,3"/>
  </Style>
</UserControl>
```

The Solution Explorer on the right shows the project structure for 'IntroToXAML-Silverlight4' (2 projects):

- SilverlightStopWatch
  - Properties
  - References
  - App.xaml
  - MainPage.xaml
  - Ticker.cs
- SilverlightStopWatch.Web
  - Properties
  - References
  - ClientBin
  - Silverlight.js
  - SilverlightStopWatchTestPage.aspx
  - SilverlightStopWatchTestPage.html
  - Web.config



# RESOURCES

- W3 Schools (XML)
  - <http://www.w3schools.com/xml/default.asp>
  - Tutorial on XML
- Pro Silverlight 3 in C# by Matthew MacDonald
  - <http://www.apress.com/book/view/1430223812>
  - Excellent resource for all things Silverlight
- MSDN – XAML Overview
  - <http://msdn.microsoft.com/en-us/library/ms752059.aspx>
- JeremyBytes
  - <http://www.jeremybytes.com/Demos.aspx>
  - Contains downloadable code and full walkthrough
  - Email: [jeremy@jeremybytes.com](mailto:jeremy@jeremybytes.com)

