Debugging and Analyzing XAML

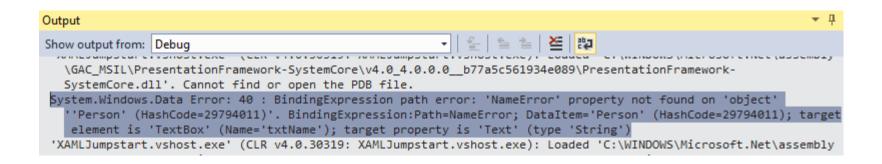






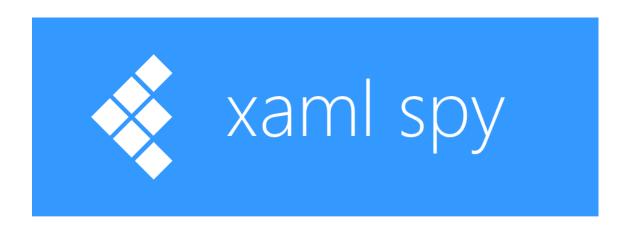
Debugging XAML

Setting breakpoints in XAML isn't possible (except in Silverlight), but we can use the output window to check for data binding errors



Analyzing XAML

After a while, it can become quite hard to find the source of a UI-related mistake in a XAML document, especially when you start creating custom templates



www.xamlspy.com

XAML Tips

How you write your XAML can have a tremendous impact on application performance

Tips

Minimize element count

For example, use Background on Grid instead of filling the Grid with a Rectangle to achieve the same

Reuse resources

Resources you reuse are only created once

Avoid unnecessary overdraw

Every pixels needs to be drawn, even if it's fully overlaid by another pixel

Memory Profiling

Performance-related problems often arise in XAML applications, and contrary to what might look obvious, memory profiling is one of the best ways to locate the source of those problems

- Telerik (<u>http://telerik.com/</u>)
- JetBrains (http://jetbrains.com/)
- Building High-Performance Windows 8 Applications http://bit.ly/1cTjXBl

Summary

- Debugging
- Analyzing
 - XAML Spy
 - XAML Tips
 - Memory profiler