

WPF Primer

Not a part of quizzes 😊

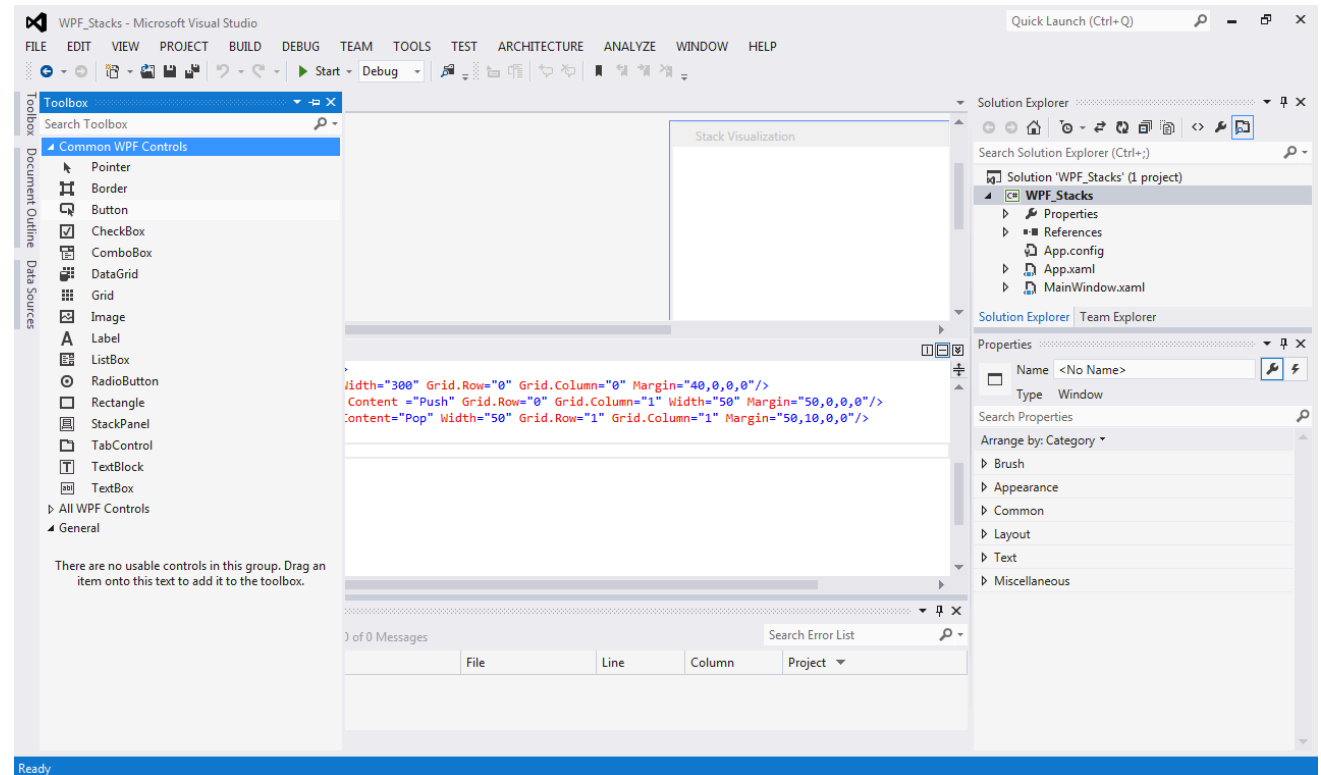
WPF Primer*

- Windows Presentation Foundation (WPF)
- Resolution Independent & Vector Graphics
- Adds an easy to use front-end framework
- Uses XAML - Extensible Application Markup Language
 - Separates Appearance (look-and-feel) from Behavior (e.g. what happens when we click a button)
 - .xaml file contains appearance information, .cs (c-sharp) file contains behavior

* Excerpts from MSDN Documentation

WPF Primer*

- Controls (open up the toolbox menu to look at all options)
 - Buttons
 - Data Display (DataGrid, ListView and TreeView)
 - Dialog Boxes (OpenFileDialog)
 - Etc.



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- Layout (how or where should the elements of your app. line up)
 - Canvas: Free form, elements coordinates can be set via code
 - DockPanel
 - Grid: Rows and columns
 - StackPanel: Horizontal or Vertical Alignment
 - VirtualizingStackPanel
 - WrapPanel

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- Graphics
 - 2D-Shapes (Rectangle, Ellipse etc.)
 - 2D-Geometry (The Path and Geometry objects)
 - Animations

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- Sample code for Stack Visualization on Piazza right after class.
- The comments should help understand what's going on, but try to get a feel for how things work by changing/breaking things.