



## about:me



Rich Dudley  
Technical Evangelist  
richd@componentone.com  
@rj\_dudley  
c1.ms/richd

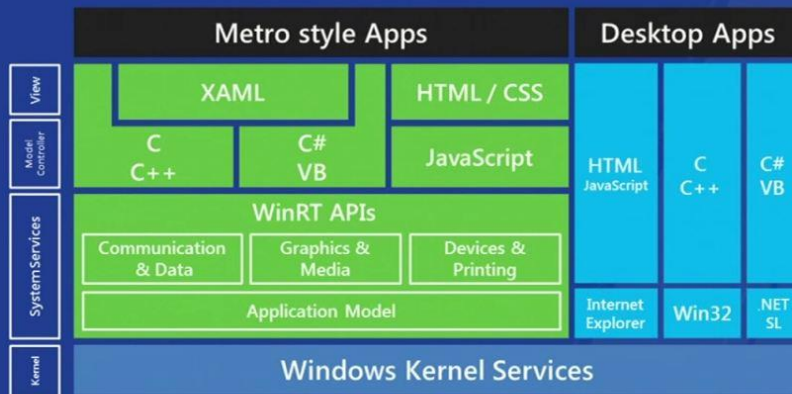


## \$(this).baked('not');

- It's the first beta
- Many, many months from RTM
- Don't draw any conclusions from what you see
- Dev platform could all change tomorrow
- Or not



## Windows 8 Platform and Tools



www.buildwindows.com



## `$(‘metro’).choose();`

- x86/x64 and ARM compatibility
- Windows Store (inc. trial API)
- Inter-app communication (“contracts”)
- Better touch support
- Cloud sync with Live API
- Windows Phone 8 = Windows 8?



## `$(‘runtime’).toggle();`

- Two different runtimes - WinRT or Win32
- WinRT apps are sandboxed
- XAML + C/C++/C#/VB.NET or HTML + JS
- Not a different .NET - “profiled”
- Metro apps (even HTML/JS) are native WinRT apps
- HTML/JS are IE 10 only



## \$(‘buzzwords’).getList()

- Charms
- Tailored
- Immersive
- Connected
- Fluid
- Touch-first
- Interactive
- User multitasking



## \$(‘tools’).get();

- Windows 8 Consumer Preview
- VS 11 Beta, Express or better
- Blend 5 for HTML
  
- New templates and controls



## `$(‘dev’).how();`

- HTML is UI, JS is like code behind
- Single-page apps
- More like writing user controls—only a portion of the HTML page is used
- Have to put HTML and JS code in special containers
- Unsafe scripts security



## `$(‘winRt’).context();`

- Local
  - Full access to WinRT
  - Limited web access
  - Scripts must be packaged
- Web
  - No access to WinRT
  - Can make arbitrary web calls
  - Scripts from CDN



## \$(‘data’).access();

- No direct SQL Server drivers!
- Asynchronous communication only
- services + \$.ajax()
- Isolated Storage
- IndexedDB
- Local libraries and devices



## \$(‘metro’).design()

- 8 Traits of Great Metro Style Apps  
<http://channel9.msdn.com/Events/BUILD/BUILD2011/BPS-1004>
- Build for app scaling/resizing
  - CSS3 media queries
  - CSS grids (960.gs) + flexible controls
  - SVG or pre-scaled images
  - Snap!



## \$.navigateTo();

- Single page applications
- iFrame or WinJS fragments
- Context affects behavior of iFrame



## \$( 'appState' ).preserve();

- DOMContentLoaded
- “Activated”
- Window.load
- “Suspending”
- “Resuming”



```
$(‘bugs’).find();
```

- IE10 only
- No developer tools (F12)
- No view source
- Primarily VS debugger
- Simulator target
- MessageDialog



```
$( ‘demo’ ).show();
```





```
$(‘.resources’).use();
```

- Developing basic Metro style apps (JavaScript) <http://c1.ms/4f>
- UX guidelines for Metro style app development <http://c1.ms/3u>
- Recap post at <http://c1.ms/richd>



```
$(‘#video’).play();
```

- <http://channel9.msdn.com/Events/BUILD/BUILD2011/TOOL-501T>
- <http://channel9.msdn.com/Events/BUILD/BUILD2011/TOOL-527C>
- <http://channel9.msdn.com/Events/BUILD/BUILD2011/APP-740T>
- <http://channel9.msdn.com/Events/BUILD/BUILD2011/TOOL-533T>
- <http://channel9.msdn.com/Events/BUILD/BUILD2011/PLAT-384P>
- <http://channel9.msdn.com/Events/BUILD/BUILD2011/APP-476T>



## EVERYTHING YOU NEED TO BUILD A BETTER WEB

Wijmo is a complete kit of over 40 jQuery UI widgets with everything from interactive menus to rich charts. If you know jQuery, you know Wijmo. Complete with documentation and professional support, every widget is hand-crafted and includes premium themes.



## about:me



Rich Dudley  
 Technical Evangelist  
 richd@componentone.com  
 @rj\_dudley  
<http://c1.ms/richd>

