



Dojo Tips and Tricks

Jeff Archer

**Esri Developer
Summit Europe**

11-13 November 2013
Park Plaza Riverbank London



Agenda

- **History**
- **Advantages**
- **Options**
- **Mobile**
- **Misc.**

History

- Always the foundation of the Esri Javascript API
- Esri works very closely with the Dojo team and Sitepen
- Why did we choose it?

Advantages

- **Breadth and depth**
- **You get it with your JSAPI reference**
- **Performance**
- **Quality**

Classes and Extensibility

- `Dojo.declare()`(legacy)/AMD
- Cut down on or even eliminate repeated code
- Use mixins to share functionality amongst other classes
- Easily extend existing classes for increased customization
- Share modules between projects
- Safely create fixed classes when there's a bug in an existing class

GFX and Charting

- Complete vector graphics framework
- Much richer than other libraries (Raphael.js)
- Dojo Charting built on GFX

Dijit UI Framework

- **Complete set of UI components**
- **Many different themes**
- **Completely stylable**
- **Modular code**
- **Extensible framework**
- **Allows for custom widgets**

Deferreds and Deferred Lists

- Object-based representations of asynchronous operations
- Trust me, they're awesome

Dojo Mobile

- iOS/Android element design
- Touch and Gesture support
- MVC
- Forms and Data
- Transitions/Smooth nav
- PhoneGap Ready



DOH Testing Framework

- Check for information from DojoToolkit and SitePen.

More Dojo X

- **Graphics and Effects**
- **Web Site tools**
- **Data Visualization**
- **Data Storage**
- **Communication**
- **Utility Projects**

Resources

- Tuts Plus article by Dave Walsh
- <http://dojotoolkit.org/>

Thanks!

Jeff Archer

@vee_dubb

jarche@esri.com



Understanding our world.