

RefreshAustin.org

Introduction to jQuery

Everything you wanted to know about the Javascript Library but were afraid to ask

Contents

0. Why Javascript Libraries?
1. Why jQuery?
2. jQuery Basics
3. Progressive/Unobtrusive Javascript
4. AJAX with jQuery
5. What's Next?
6. Q&A





- A little background on Javascript...
- Best practices
- Code reuse
- Cross browser
- Examples: Prototype/script.aculo.us, YUI, Dojo, ExtJS, MooTools
and... jQuery (duh)



- A brief history of jQuery...
- Lightweight
- High performance
- Easily Extensible
- Elegant API
- Some sites...



1. Get jQuery

- jQuery.com
- Google Ajax Library API

<http://code.google.com/apis/ajaxlibs/>

2. Selectors, Chaining and Manipulation
3. Effects, Events and Callbacks



1. Get jQuery
2. **Selectors, Chaining and Manipulation**
 - **\$()**
 - **CSS based selection**
 - **Manipulate CSS and the DOM**
3. Effects, Events and Callbacks



1. Get jQuery
2. Selectors, Chaining and Manipulation
3. **Effects, Events and Callbacks**
 - **\$(document).ready**
 - **Callbacks**
 - **Events**
 - **Effects**



- How do we deal when people don't have capability?
- JavaScript should be:
 - Unobtrusive
 - Progressive



- jQuery makes AJAX easy
- Wraps XMLHttpRequests
- Makes dealing with different data formats easy
 - HTML
 - XML
 - JSON
- Must also make sure AJAX is progressive

Etc...



- jQuery 1.3
- Sizzle Selector Library
- jQuery UI
- Other plug-ins: <http://plugins.jquery.com>

- Google Group: <http://groups.google.com/group/jquery-en>

- Local JS library meetup group
 - First meeting tomorrow at Conjured



- Ask some questions