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What is jQuery?

✦ An open source JavaScript library that simplifies the interaction between HTML and JavaScript.

Ideal for Prototyping

- ✦ Completely unobtrusive
- ✦ Uses CSS to layer functionality
- ✦ Easy to separate behavior
- ✦ Quick, terse, syntax

The Focus of jQuery

Find Some Elements   Do something with them

$("div").addClass("special");

jQuery Object

Plugins

- Huge plugin ecosystem

- Managed by Plugin tracker
  http://plugins.jquery.com/

- Hundreds in the tracker - even more on the web

jQuery Plugins

✦ Extend the jQuery system

✦ Add on extra methods:
jQuery("div").hideRemove();

✦ Trivial to implement:
jQuery.fn.hideRemove = function(speed){
    return this.hide(speed, function(){
        jQuery(this).remove();
    });
};

Todo List

http://jquery.com/files/todo/
http://jquery.com/files/todo/done.php

jQuery UI

✦ A complete set of themed, cross-browser, user interface components.

✦ Drag, Drop, Sort, Select, Resize

✦ Accordion, Datepicker, Dialog, Slider, Tabs

✦ More info:
http://docs.jquery.com/UI

✦ 1.6 is in beta right now

Accessibility

- Keyboard Accessible

- Screenreader Accessible

- Grant from Mozilla Foundation to implement ARIA

Support

- Liferay (Java CMS) hired Paul Bakaus, jQuery UI lead to work on it full time.

- More support on the way!

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Why jQuery?

- Fully documented
- Great community
- Tons of plugins
- Small size (15kb)
- Everything works in IE 6+, Firefox, Safari 2+, and Opera 9+

Who uses jQuery?

- Projects:
  - Wordpress, Drupal, CakePHP, Textpattern, Mozilla

- Companies:
  - Google, IBM, Amazon, Digg, Netflix, Dell, HP, Bank of America, Intel...
  - NBC, CBS, BBC, Reuters, Newsweek, Boston Globe, and more
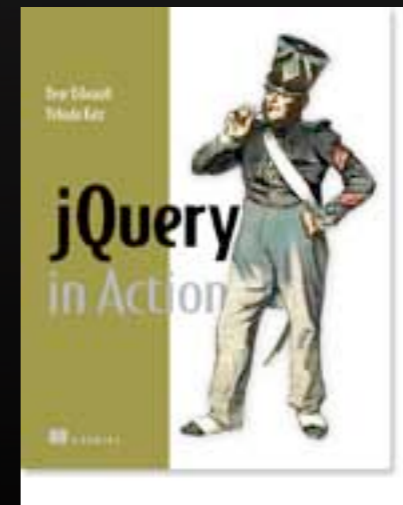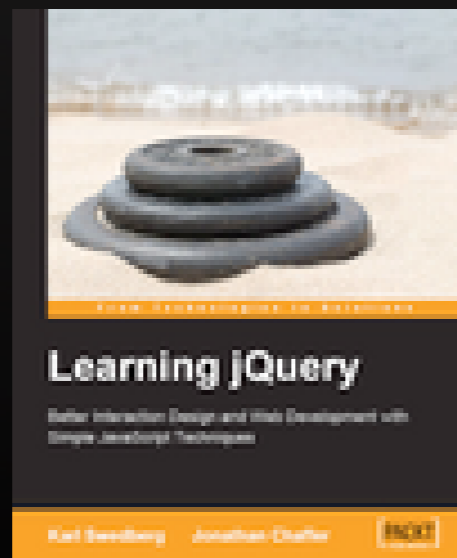
- many others...

Community

- ✦ Very active mailing list
  - ✦ 100+ Posts/Day
  - ✦ 6000+ Members

- ✦ Technorati: Dozens of blog posts per day

Books

✦ 3 Books Released:
  ✦ Learning jQuery (Packt)
  ✦ jQuery Reference (Packt)
  ✦ jQuery in Action (Manning)

Upcoming

- jQuery 1.3
  - New Selector Engine
  - Faster Manipulation

jquery.com

docs.jquery.com - jquery.com/plugins

More:

ui.jquery.com

visualjquery.com

learningjquery.com