



Getting started with jQuery

Duration: 1 Day

jQuery simplifies working with Javascript. Working closely with HTML and CSS, jQuery's concise syntax creates sophisticated interactions and effects with less code. You can modify HTML page elements on the fly, handle mouse and keyboard events, and create visual interface elements such as tabs, scrollable elements, tooltips and overlays. jQuery handles cross-browser issues, including IE6.

Requirements: you should have a good understanding of HTML and CSS.

We recommend that you attend our Demystifying Javascript course before this course, as the two courses are highly complementary.

Javascript review

- An overview of HTML, CSS, and Javascript.
- The Document Object Model (DOM)
- Changing elements on the page.
- Controlling CSS.
- Handling events.
- Understanding scope and namespaces.
- Javascript limitations

jQuery

- Reasons to use jQuery.
- Understanding the ready method
- SELECTORS : finding DOM page elements.
- Understand jQuery wrapped sets.
- Handling EVENTS : using BIND.
- Creating and understanding PLUGINS
- CHAINING jQuery commands together.

Creating Visual interfaces

- Animation and creating custom effects.
- Creating popup windows with overlays.
- Creating a tab system
- Slide shows
- Tooltips
- Other visual libraries : jQuery Tools

Bringing it all together

- Working with data: JSON.
- Working with the server: AJAX.
- Performance issues.
- Cross-browser support : working with IE.

Recommended Further training

- Introduction to PHP/MySQL
- Photoshop for the Web