

## jQuery Training

This one day jQuery training course for web developers introduces the most popular JavaScript library, jQuery.

Whether your server-side code is written in PHP, Java or any other type of code, this jQuery training course will let you present your data using the latest features users expect.

### Objective

On Completion of this jQuery Training course, delegates will be able to:

- Make dynamic changes to a web page.
- Respond to user or browser events.
- Write clean, tidy, best practice JavaScript.
- Load in content using Ajax.
- Create, use and share custom reusable plugins.

### Details

**Duration:** 1 Day

### Who is this course for

Web developers with a good working knowledge of [HTML & CSS](#) and [JavaScript](#) who want to move on to start using jQuery for more impressive web content.

## Course Content

### Basic Usage

- Importing jQuery
- The \$ function
- CSS3 selector syntax
- Responding to Events
- Attributes
- Styling
- OnDomReady

### Animation

- Fading
- Custom animations
- Easing

### Web Techniques

- An image gallery
- Hidden sections
- Fly out menus
- Rollovers
- Drop down forms
- Form validation
- What makes a good plugin
- Writing, using & sharing plugins

### jQuery UI

- Importing jQuery UI
- Drag and Drop
- Sortable Lists
- Dialog Boxes

## **jQuery Mobile**

- An introduction to mobile development

## **AJAX**

- Composing a request
- Handling a JSON response
- A Twitter client

## **Under the hood**

- A brief tour of the jQuery source

## **Best Practice JavaScript**

- Closure
- The module pattern
- Testing with qUnit
- TDD in JavaScript
- Separation of responsibilities

## **Asynchronous programming**

- Triggering and handling events
- Custom events
- Event driven programming

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