

In this 2-day jQuery Mobile training class, you will learn to use jQuery Mobile, an HTML5-based user interface system, to develop single sites for all popular smartphone, tablet, and desktop platforms. You'll learn how to use jQuery Mobile to handle touch events, build mobile-optimized forms and widgets, incorporate HTML5 features, leverage phone capabilities such as making calls and texting, and more. Along the way, jQuery Mobile's extensive theme framework and plugin architecture will be covered.

Course Objectives:

- Learn about jQuery Mobile's capabilities, supported devices, and support for accessibility.
- Create page transitions, dialogs, and buttons optimized for mobile.
- Incorporate phone-friendly forms, sliders, dialogs, and other widgets.
- Handle touch, phone-orientation, scrolling and other phone events.
- Learn how to use jQuery Mobile to make calls, send SMS text messages, send emails and display video.
- Extend jQuery Mobile's capabilities with the ThemeRoller framework.
- Create plugins and incorporate others' plugins into your code.

Audience: Developers and programmers who want to develop themes and customize applications and appearances on websites and apps.

Prerequisites: Experience in HTML4, basic CSS, basic JavaScript, Ajax and jQuery is required.

Number of Days: 2 days

<p>1</p>	<p>What is jQuery Mobile? Overview Supported Devices/OSs/Browsers Levels of Support Progressive Enhancement Accessibility Support HTML5 and CSS3</p>	<p>Search Dialogs Grids Collapsible Blocks</p>	<p>4</p>	<p>Events Touch Orientation (Portrait/Landscape) Scroll Page Virtual</p>
<p>2</p>	<p>Getting Started with jQuery Hosting vs. CDN A Basic Page Template Ajax-driven Page Navigation Data-role Buttons and Linking Pages Page Transitions Dialogs</p>	<p>5</p>	<p>Integration with the Phone Making Calls Sending Emails Sending SMS Texts PhoneGap Video</p>	
<p>3</p>	<p>Widgets and UI Lists Buttons and Toolbars Forms Sliders</p>	<p>6</p>	<p>The Theme Framework ThemeRoller Themes and Swatches Lists and buttons</p>	

Overriding Themes with custom CSS

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Plugins

Plugin Architecture

Creating Your Own Plugin

Using Others' Plugins