

jQuery Mobile - Mobile and Tablet Design

JQUERY MOBILE TRAINING COURSE SYNOPSIS

The jQuery and jQuery UI frameworks have revolutionized client-side web scripting. Now jQuery Mobile focuses jQuery's strengths on simplifying web design optimized for mobile devices. This class teaches how to use jQuery mobile to take advantage of mobile interfaces and to design pages that work well on a broad variety of devices. Web developers wishing to optimize web sites for mobile or to build HTML-based mobile apps should take this class.

PREREQUISITES FOR THIS JQUERY MOBILE TRAINING COURSE

This class is intended for web developers and programmers with JavaScript and jQuery experience.

WHAT YOU WILL LEARN IN THIS JQUERY MOBILE TRAINING COURSE

Get a high-level overview of jQuery Mobile: how it works and how to use it
Learn about paging and navigation, including dialogs, Ajax content, and history
Employ jQuery Mobile's extensive event system to create rich interactions
Work with toolbars, buttons, lists, forms, and other UI elements
Create a variety of visual designs with jQuery Mobile's sophisticated theming system
Use the jQuery Mobile API for finer control over elements and interactions
Put everything together and build a mobile app from start to finish

JQUERY TRAINING COURSE LENGTH AND TIME

This class is 2 days long. Class time is 9:00 a.m.- 4:00 p.m. Breaks are scheduled throughout the day and lunch is typically scheduled 12-1. Students provide their own lunch.

JQUERY COURSE - ENROLLMENT

Please see our Enrollment Page (<http://www.ledet.com/enroll>) for our enrollment form.

LOCATIONS FOR THIS JQUERY TRAINING COURSE

We have training centers in Atlanta, Houston, Chicago, Denver, San Diego and Washington DC. We also offer classes at a network of rental facilities. We offer private onsite training and instructor-led, live online training. If coming to a rental facility, please double-check the location of your class with our office to make sure you get to the right location.

GOALS FOR THIS JQUERY TRAINING COURSE

Sterling Ledet and Associates realizes the importance of education and we take pride in being able to offer you classes that are more custom fit to your needs. Call us at (877) 819-2665 if you have any special questions or e-mail us at sales@ledet.com.

DISCLAIMER

Our goal is to make sure your class meets your objectives, not ours. Therefore, all of our outlines are treated as guides to help steer the workshop. This outline does not guarantee that all the topics listed will be covered in the time allowed. The amount of material covered is based on the skill level of the student audience. We may change or alter course topics to best suit the classroom situation.

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LESSON 1 - MEET JQUERY MOBILE

Overview of the jQuery Mobile Library
How jQuery Mobile Works
Your First JavaScript Program
Create Your First jQuery Mobile Application

LESSON 2 - APPLICATION STRUCTURE AND NAVIGATION

Pages
Dialogs
Navigation and History
Transitions

LESSON 3 - PAGE ELEMENTS

Under The Hood: jQuery Plug-ins and Widgets
List Views
Toolbars
Buttons
Form Elements
Layout Grids

LESSON 4 - THEMING JQUERY MOBILE

Themes and Swatches

LESSON 5 - JQUERY MOBILE API

jQuery Mobile Methods
Events
Responsive Layout API
Configuring jQuery Mobile

LESSON 6 - JQUERY MOBILE IN ACTION

Application Pages
Initializing the Application
jqmTweet Take One
Improving the Interface
Overall Approach