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jQuery

Quick Contact



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JQuery Training Syllabus in Bangalore

The Background

- The mobile space today
- Advantages
- Challenges
- Native vs. web, is really a question?
- What is JQM?
- What is notjQM?
- What is a webapp?
- Why jQM?
- Features
- Compatibility
- Requirements

HTML5 basics

- Requirements
- HTML5 in a small nutshell
- Why HTML5?
- What do we need to know about HTML5 for jQM
- Basic template
- Testing HTML5 documents
- Emulators, Simulators & more & Viewports on mobile browsers





The framework

- Architecture o Self hosted vs. CDNs
- Main template
- CDNs available
- Main template
- Support on IDEs
- Roles
- Theming

The page

- Headers and footers basics
- Mandatory items in a page
- Working with HTML in the content
- Navigation
- Internal page navigation
- External page navigation
- Understanding AJAX on mobile browsers
- Absolute external links
- Mobile Special links
- Transitions
- Dialogs
- Prefetching





UI Components

- Customizing toolbars
- Positioning toolbars
- Navigation Bars
- Persistent footers and navigation
- Collapsible content
- Acoordions
- Working with columns

Buttons

- Creating buttons
- Inline buttons
- Grouped buttons
- Icons
- Custom icons

Lists

- Creating lists
- Full-page vs inset-lists
- Visualseparators
- Nested lists
- Interactive rows
- Split button rows
- Row icons





- Thumbnails
- Count bubbles
- Aside content
- Title and Description
- Filtering data

Forms

- AJAX vs. non-AJAX forms
- Automatic form behaviour
- Labeling
- Field containers
- Text fields
- Slider
- Sliderswitch
- Select menus
- UI Select menus
- Radio Buttons
- Checkboxes
- File Upload
- Validation using HTML5



The framework and JavaScript

- Using jQuery inside jQuery Mobile
- \$.mobile element
- The mobileinit event
- Configuring defaults
- Touch events
- Orientation events
- Scroll events
- Page events
- Virtual mouse events
- Managing navigation through JavaScript

Dynamic data with jQuery Mobile

- HTML5 vs AJAX
- Bringing JSON data to jQuery Mobile
- Updating form controls
- Updating lists
- Implementing Infinite list pattern

Extending the framework

- Using plugins
- The top 5 plugins for jQuery Mobile





- Creating our own plugin
- Plugin architecture
- Understanding CSS architecture
- Define our own CSS patch
- Changing CSS behavior

Managing data with HTML5

- Using Web Storage and WebSQL
- Using geolocation

Packaging for installation and stores

- The offline manifest
- Full-screen webapps for iOS
- What is a hybrid
- PhoneGap vs other alternatives
- Packaging a sample application

For More : <https://www.traininginbangalore.com/jquery-training-in-bangalore/>





Other Activities

Assessments

- **Objective Assessments**

- Syntactical based
- Scenario based

Note: At least 2 objective based assessments in each module

- **Hands On – Practical Assessments**

- Scenario based

Note: At least 2 Hands on assessments in each module

Assignments

- **Hands On – Practical Assignments**

Note: At least 4 Hands on assignments in each module

Tasks – Home Work

- **Regular tasks on each module**

Note: Tasks are focused more to improve self learning

Resume Support & Interview Preparation

- **Work on one or two mini projects**
- **Discuss and convert the current working project into JQuery project to add in resume & to explain JQuery experience in interviews**