

Introduction to jQuery

Lesson 00:

People matter, results count.



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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Reviewer	Approver	Change Record Remarks
05/10/2011	1.0	1.6	KARTHIK M			Initial Draft
May-2016	1.1	1.12	Anjulata	Nischal Topno, Sagar Kulkarni	Mahima Sharma	Modified as per Toc for ELTP

Course Goals and Non Goals

- Course Goals
 - Develop UI for Web Applications using jQuery
- Course Non Goals
 - Ajax, Creating Web Services and RESTful Services



Pre-requisites

- HTML, Java Script & CSS

Day Wise Schedule

- Day 1
 - Lesson 1: jQuery Fundamentals
 - Lesson 2: Using jQuery Selectors
 - Lesson 3: Working with JSON
 - Lesson 4: Interacting with the DOM
 - Lesson 5: Handling Events

Intended Audience

- Web Application Developers



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- Lesson 1: jQuery Fundamentals
 - 1.1. jQuery Introduction
 - 1.2. Why jQuery?
 - 1.3. About jQuery.com
 - 1.4. Using jQuery
 - 1.5. Content Delivery Network(CDN)
- Lesson 2: Using jQuery Selectors
 - 2.1. Introduction to Selectors
 - 2.2. Tag Selectors
 - 2.3. ID Selectors
 - 2.4. Class Selectors
 - 2.5. Attribute Selectors
 - 2.6. Form Element Selectors
 - 2.7. Using Filters in Selector

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- Lesson 3: Working with JSON
 - 3.1. JSON Introduction
 - 3.2. JSON Types
 - 3.3. Working with JSON Object
 - 3.4. Using JSON in jQuery
- Lesson 4: Interacting with the DOM
 - 4.1. Iterating Through Nodes
 - 4.2. Working with Attributes and DOM Content
 - 4.3. DOM Insertion and Removal
 - 4.4. Working with Classes

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- Lesson 5: Handling Events
 - 5.1. Introduction
 - 5.2. jQuery Event Model Benefits
 - 5.3. Attach and detach Events from DOM Elements
 - 5.4. Triggering Events
 - 5.5. Passing data through events

References

- Visual Quick Start Guide jQuery by Steven Holzner
- jQuery in Action by Bear Bibeault and Yehuda Katz
- Learning jQuery 1.3 by Jonathan Chaffer and Karl Swedberg

