

# jQuery, Part 3 of 6: DOM

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**Meet the expert:** Michael Bibeault has been turning coffee into quality software since 1976 when he starting programming in BASIC on a Control Data Cyber. He is currently an Architect and Technical Lead at a company that manufactures residential gateways and set-top TV boxes. Bear has two Electrical Engineering degrees from the University of Massachusetts and has also taught in the Graduate Computer Engineering Program of that esteemed institution for a decade. Bear has co-authored four books: Ajax in Practice, Prototype and Scriptaculous in Action, jQuery in Action, and jQuery in Action, 2nd edition. He is also currently working on a 5th book with John Resig: Secrets of the JavaScript Ninja.

**Prerequisites:** Basic knowledge of computer programming in C++, C#, or Java.

**Runtime:** 56:14

**Course description:** In the jQuery: Dom course you will get an overview of what DOM is and what was the old way of using DOM, then finish up on the way jQuery uses DOM.

## Course outline:

### DOM Basics

- Introduction
- Making Pages Dynamic
- Injecting New HTML
- HTML Content Method
- HTML Method Examples
- Demo: Injecting HTML
- Managing Element Attributes
- Getting And Setting Attributes
- Demo: Managing Attributes
- Setting Multiple Attributes
- Demo: Multiple Attributes
- Managing Object Properties
- Managing Element Classes
- Managing Form Element Values
- Demo: Managing Elements
- Fetching and Injecting Text
- Summary

- Unwrapping Elements
- Summary

### DOM Styles

- Introduction
- Affecting Element Styles
- Demo: Affecting Element Styles
- Affecting Element Styles 2
- Removing Elements
- Tacking Data Onto Elements
- Removing Data from Elements
- Summary

### DOM Injection

- Introduction
- Injecting New Elements
- Cloning Elements
- Inserting Elements into the DOM
- Injecting Wrapped Elements
- Inserting a New Element
- Wrapped Elements Examples
- Moving Existing Elements
- Insertion with Wrapped Targets
- Wrapping Elements