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PWA2 - 01 Online

**Two Paragraph Summary:**

Between the two courses, I found the course led by Joe Chellman to be more easily understood. From the two sections that I watched of his course, I learned a great technique for serving jQuery from a CDN, while still having a local fallback. I also learned an almost-too-obvious way of hiding an “Please enable JavaScript” message with JavaScript (or jQuery .addClass()).

Joe Marini’s course was hard for me to enjoy. His almost monotone voice, very slow use of his OS, and heavy use of charts in a video proved to be mostly unhelpful. I’m not going to remember where in a video I saw that handy chart listing all of the jQuery content filters; I’m going to reference the API. However, some of the basic concepts that he taught were good to understand.

**Notes:**

jQuery is a JavaScript library. A JavaScript library is a collection of functions to extend the language and help with compatibility.

Allows browser nuances to be abstracted away. Simplifies and focuses your efforts, at the cost of increased page size.

Allows a way for code to be run when DOM is ready (as opposed to the entire page being loaded—what JS waits for).

jQuery allows CSS-like syntax for DOM interaction.

**Major Features of jQuery**

1. Core Functionality

2. Selection and Traversal (the “Query” in “jQuery")

3. Manipulation and CSS

4. Events

5. Effects (animations, hiding, showing)

6. AJAX  (including JSON)

**jQuery Filters**

1. Basic (first, last, even, odd)

2. Content (contains certain string)

3. Visibility

4. Attribute

5. Child

6. Form

**JavaScript Enabled / Disabled**

For JS dependent functionality, have prominently displayed text (“This site’s functionality relies on JavaScript. Please enable your JavaScript"…or something) that is hidden by adding class to element via JavaScript.

**jQuery from CDN with Local Fallback**

<script>http://jquery-from-CDN</script>

<script>window.jQuery || document.write(‘<script src=‘js\/jquery.file.min.js’><\/script>’)</script>

**jQuery References**

api.jquery.com (official) or jqapi.com (alternate browsing experience)

Dash (offline documentation browser)

Stack Exchange, Search Engines