Web Development and Programming
CSCI-UA 61

jQuery
JavaScript Framework
jQuery is a JavaScript framework that makes it easier to achieve common JavaScript tasks.

It is simpler to access elements using jQuery’s CSS-style selectors.

jQuery takes many common tasks and wraps them inside methods that you can call with a single line of code.

Furthermore, jQuery takes the guess work out of browser support, since it runs in legacy browsers as well.
jQuery

Features

- HTML/DOM manipulation
- CSS manipulation
- HTML event methods
- Effects and animation
- AJAX
jQuery
And JavaScript

jQuery does not do anything that couldn’t be done with pure JavaScript.

jQuery itself is just a JavaScript file.

Its goal is for you to be able to do more with less code.

jQuery’s prevalence on the Web indicates that many, many people prefer coding with it than without it.

There are other JavaScript frameworks, but jQuery is by far the most popular.
jQuery Considerations

However, JavaScript has come a long way since 1995.

Some of the things that made jQuery popular, like CSS-style selectors, are now part of the JavaScript specification.

Moreover, it is often unnecessary to add all the extra code of jQuery if you just need to do a few simple JS tasks.

Therefore, it’s important to know the basics of JavaScript before moving into other JS libraries and frameworks.
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