

# What is jQuery?

jQuery is a lightweight, "write less, do more", and JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website.

jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

The jQuery library contains the following features:

- HTML/DOM manipulation
- CSS manipulation
- HTML event methods
- Effects and animations
- AJAX
- Utilities

**Tip:** In addition, jQuery has plugins for almost any task out there.

## Why jQuery?

There are lots of other JavaScript libraries out there, but jQuery is probably the most popular, and also the most extendable.

Many of the biggest companies on the Web use jQuery, such as:

- Google
- Microsoft
- IBM
- Netflix

# Difference between jQuery and JavaScript

JQuery	JavaScript
JQuery is a JavaScript library.	It is a web development programming language.
It depends on JavaScript.	It may or may not depend on JQuery, as JQuery is a part of JavaScript.
It creates DOM faster.	JavaScript is slower than JQuery in creating DOM.
It is less time-consuming.	It is more time-consuming because you have to write the whole script.
It is compatible with all browsers.	Developers write their code to handle multi-browser compatibility.
In JQuery, we add animations with fewer lines of code.	In JavaScript, we need to write many lines of code to make animations.
JQuery is lightweight.	JavaScript is heavier than JQuery because it's a complete language, not just a library.