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JAVASCRIPT ROADMAP



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Learn to Code </>

Beginner's guides



Introduction to JavaScript



The ECMAScript 2015-2017 Guide



The JavaScript Glossary



A quick reference to the modern JavaScript syntax

Basics of the language

- ➡ Lexical Structure
 - ➡ Expressions
 - ➡ Types
 - ➡ Variable
 - ➡ Math Operators
 - ➡ Functions
 - ➡ Immediately-Invoked Function Expressions IIFE
 - ➡ This
 - ➡ Arrow Functions
 - ➡ Loops
 - ➡ Loops and Scope
 - ➡ Arrays
 - ➡ Template Literals
 - ➡ Semicolons
 - ➡ Strict Mode
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The JavaScript built-in objects



JavaScript Dates



The Math Object

Asynchronous programming



Asynchronous programming and callbacks



JavaScript Timers



JavaScript Promises



Async and Await

Events



The JavaScript Event Loop



JavaScript Events

Advanced Topics

- ➡ JavaScript Functional Programming
 - ➡ Efficiently load JavaScript with defer and async
 - ➡ CORS
 - ➡ JavaScript Closures
 - ➡ JavaScript Regular Expressions
 - ➡ Unicode in JavaScript
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Data Structures



The JavaScript Map Data Structure



The JavaScript Set Data Structure

The Web Platform



Cookies



LocalStorage



The History API



Fetch



Cache



Service Workers

How-tos

➡ Here are some little how-to posts that can shed a light on some JavaScript tasks, and as a side effect better understand what JavaScript can do and how it works:

- ➡ Generate random and unique strings in JavaScript
 - ➡ How to inspect a JavaScript object
 - ➡ How to trim the leading zero in a number
 - ➡ How to replace all occurrences of a string
 - ➡ How to check if an object property is undefined
 - ➡ How to append an item to an array
 - ➡ How to remove a property from an object
 - ➡ How to get the current timestamp
 - ➡ How to convert a string to a number
 - ➡ How to format a number as currency
 - ➡ How to uppercase the first letter of a string
 - ➡ How to deep clone an object
 - ➡ How to remove an item from an array
 - ➡ How to check if a string contains a substring
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