JAVASCRIPT
ROADMAP

JS

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

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

Data Structures

➡️ **The JavaScript Map Data Structure**

➡️ **The JavaScript Set Data Structure**

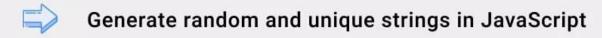# The Web Platform

- 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 coknvert 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