roadmap.sh

JavaScript Roadmap

Step by step guide to learn JavaScript in 2023

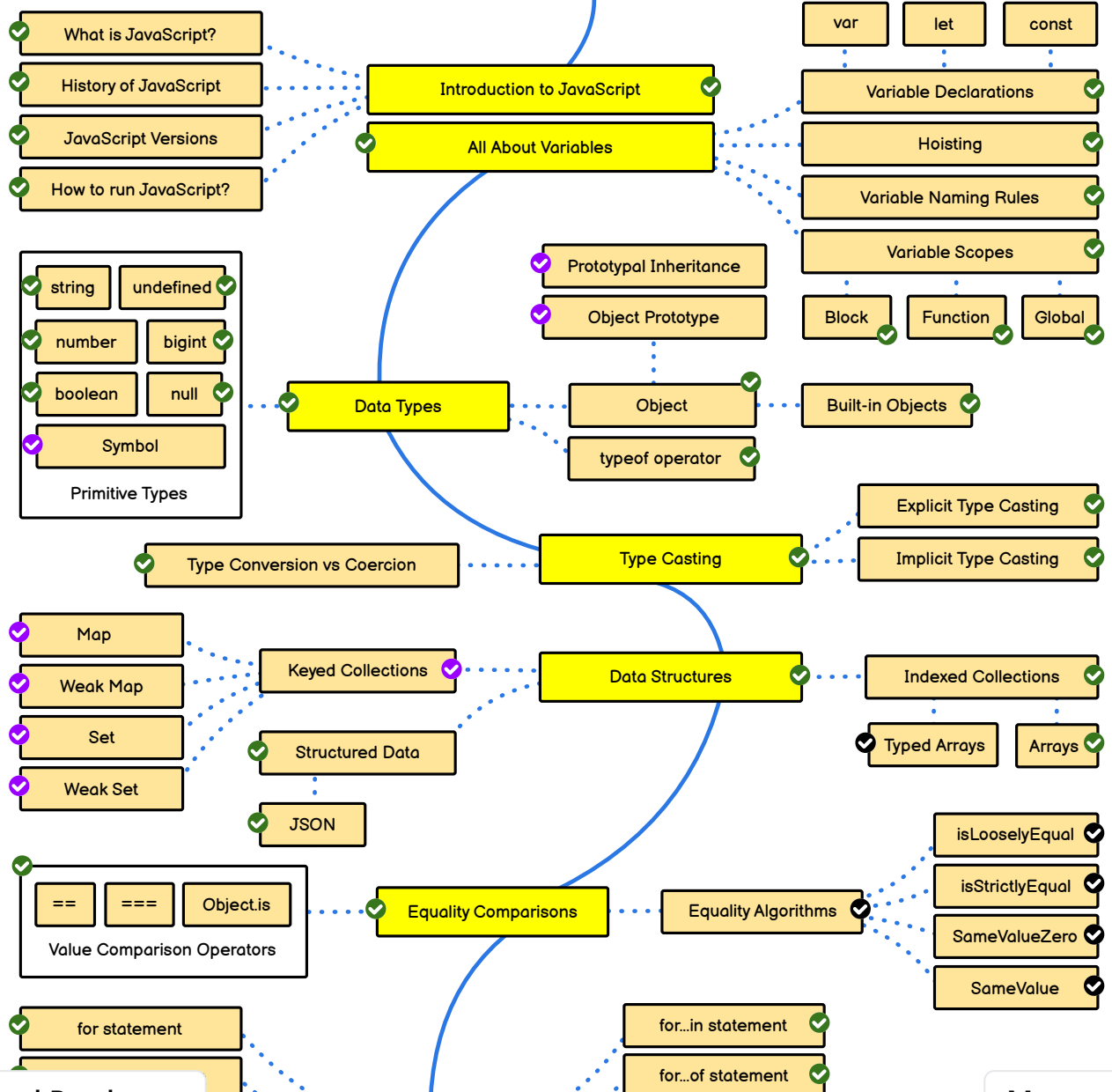←   ⬇   @ Subscribe   Suggest

Click roadmap items for resources or visit resources list.

Beginner Topics / start with these
Intermediate Topics / pick them after beginner topics
Advanced Topics / pick these after intermediate topics

JavaScript

Find the detailed version of this roadmap along with resources and other roadmaps

https://roadmap.sh

What is JavaScript?

History of JavaScript

JavaScript Versions

How to run JavaScript?

Introduction to JavaScript

All About Variables

var   let   const

Variable Declarations

Hoisting

Variable Naming Rules

Variable Scopes

Prototypal Inheritance

Object Prototype

Block   Function   Global

Primitive Types

string   undefined

number   bigint

boolean   null

Symbol

Data Types

Object

Built-in Objects

typeof operator

Explicit Type Casting

Type Conversion vs Coercion

Type Casting

Implicit Type Casting

Map

Weak Map

Set

Weak Set

Keyed Collections

Data Structures

Indexed Collections

Typed Arrays   Arrays

Structured Data

JSON

Value Comparison Operators

==   ===   Object.is

Equality Comparisons

Equality Algorithms

isLooselyEqual

isStrictlyEqual

SameValueZero

SameValue

for statement

for...in statement

for...of statement

Related Roadmaps   **More →**

Loops and Iterations

break / continue

Labeled S...

Conditional Statements

Control Flow

Exception Handling

throw statement

Step b... u...becoming a frontend developer in 2023

If...else

Switch

try / catch / finally

Defining and Calling Functions

Utilizing Error Objects

Expressions and Operators

Functions

Function Parameters

Default Params

Step ... ...hing a b...er in...

Arrow Functions

Rest Params

Assignment Operators

IIFEs

Step ... ...JavaScript in 2023

Comparison Operators

arguments object

Recursion

Arithmetic Operators

Scope & Function Stack

Lexical Scoping

Bitwise Operators

Strict Mode

...2023

Built-in Functions

Closures

Step by step guide to become a Rea...

Logical Operators

BigInt Operators

Function Borrowing

in a method

String Operators

...e a Angular Developer in 2023

Using (this) keyword _____

in a function

using it alone

Conditional Operators

Comma Operators

in event handlers

Step by step guide to become a Vue Developer in 2023

Unary Operators

Explicit Binding

in arrow functions

Relational Operators

Event Loop

call

apply

bind

Step ... ...to becoming a Node.js developer in 2...

setTimeout

Callbacks

Callback Hell

setInterval

Asynchronous JavaScript

Promises

async / await

XMLHTTPRequest

Working with APIs

Fetch

...rce

Iterators and Generators

Classes

CommonJS

...Source...t on GitHub and is visit...

Modules in JavaScript

ECMAScript Modules

★ 232k GitHub Stars

Memory Management

Memory Lifecycle

Garbage Collection

Debugging Issues

Using Chrome Dev Tools

Debugging Memory Leaks

Debugging Performance

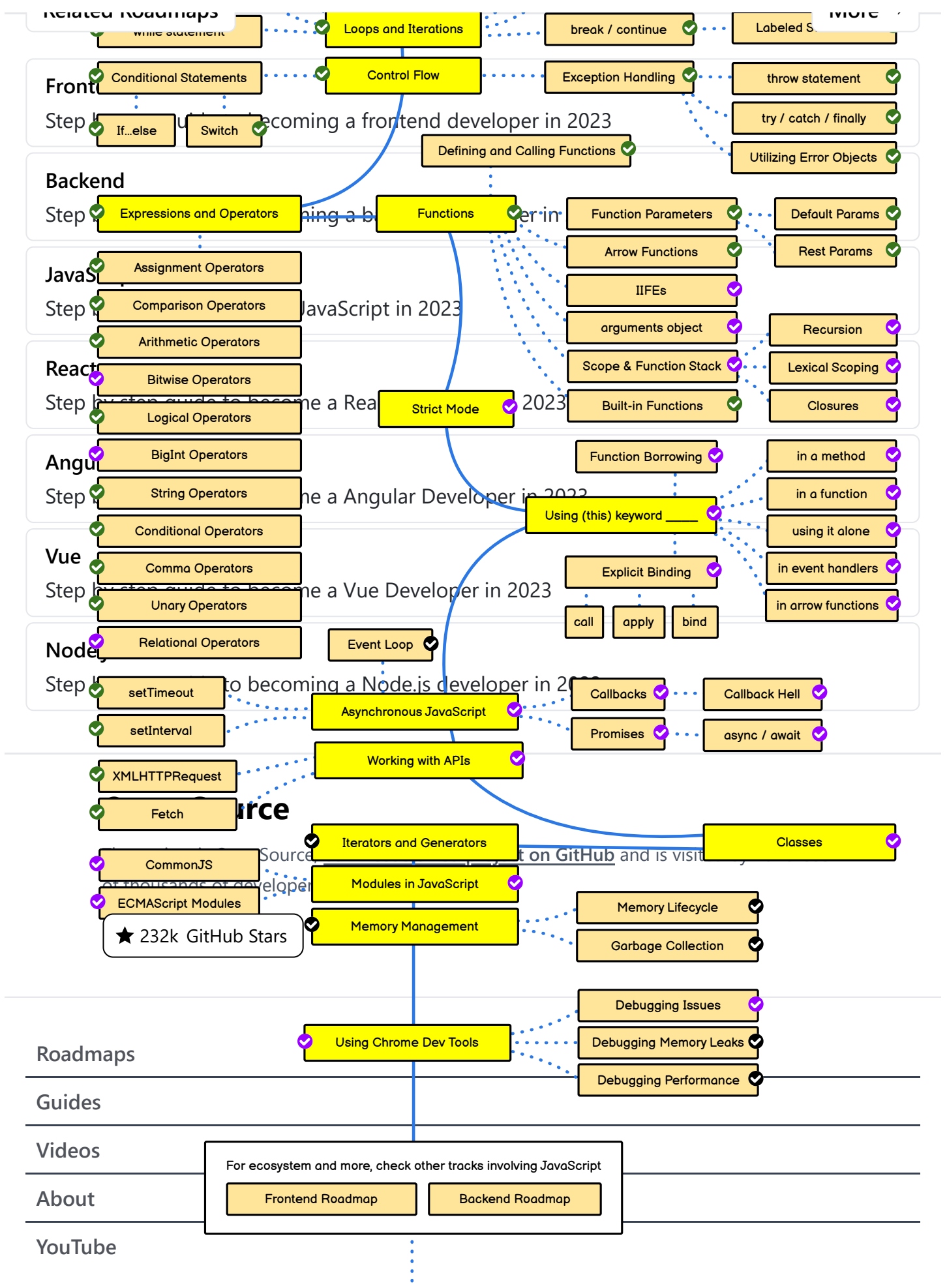For ecosystem and more, check other tracks involving JavaScript

Frontend Roadmap

Backend Roadmap

Community created roadmaps, articles, resources and journeys to help you choose your path and grow in your career.

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