r.

Roadmaps   Best Practices   Teams   🔍 ⌘ K

Account / Teams

JavaScript Roadmap 🔖

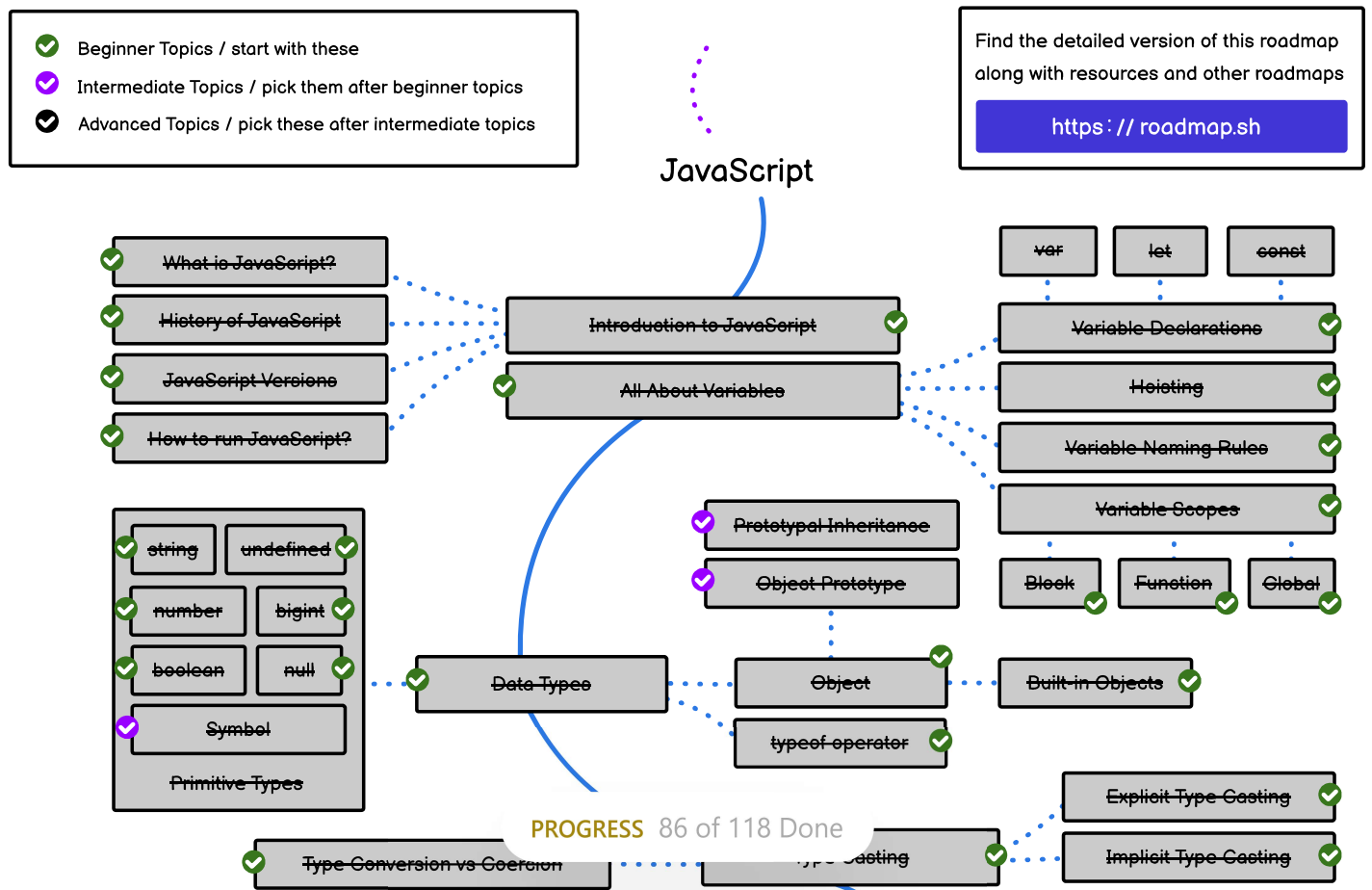Step by step guide to learn JavaScript in 2023
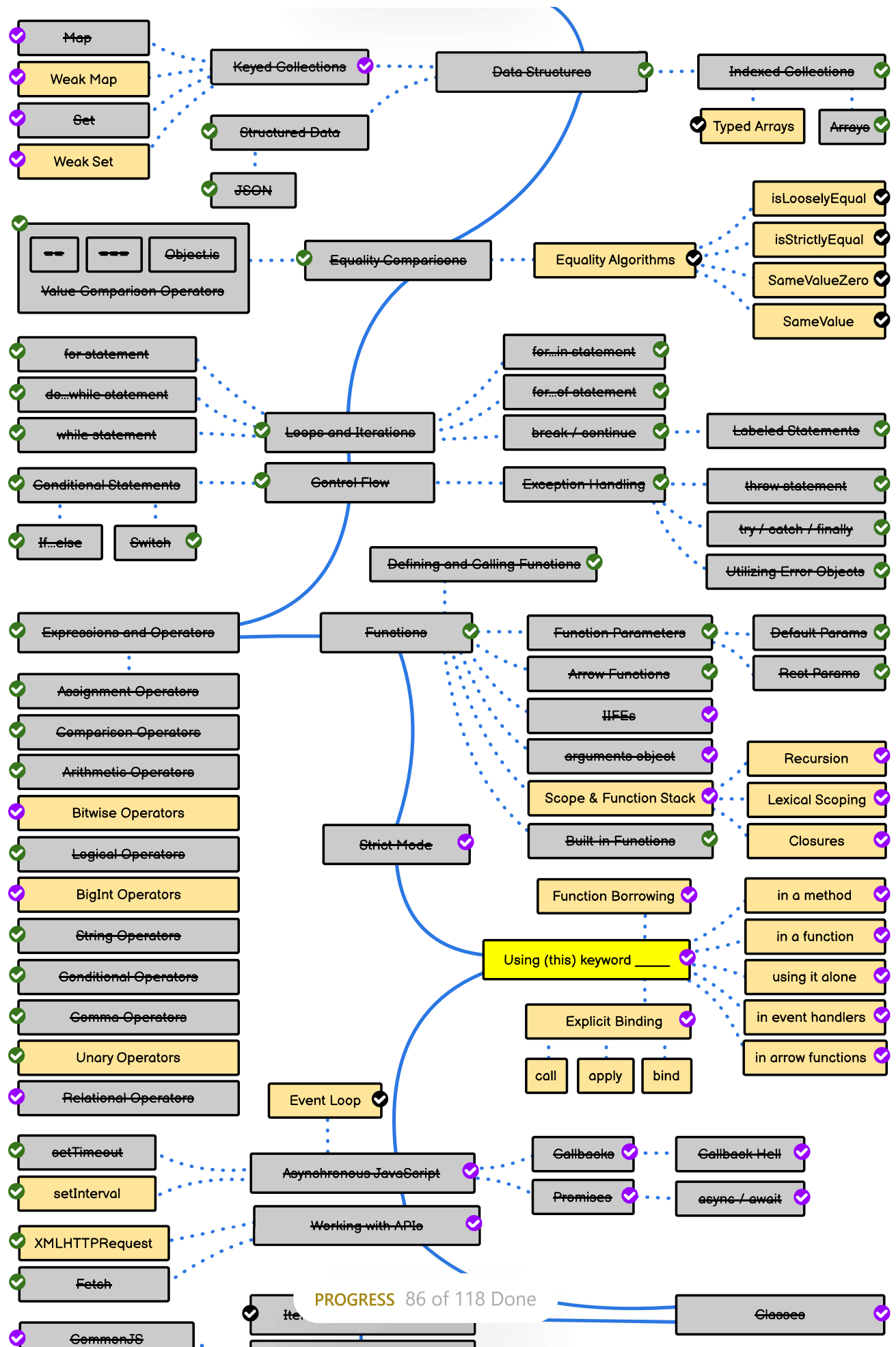
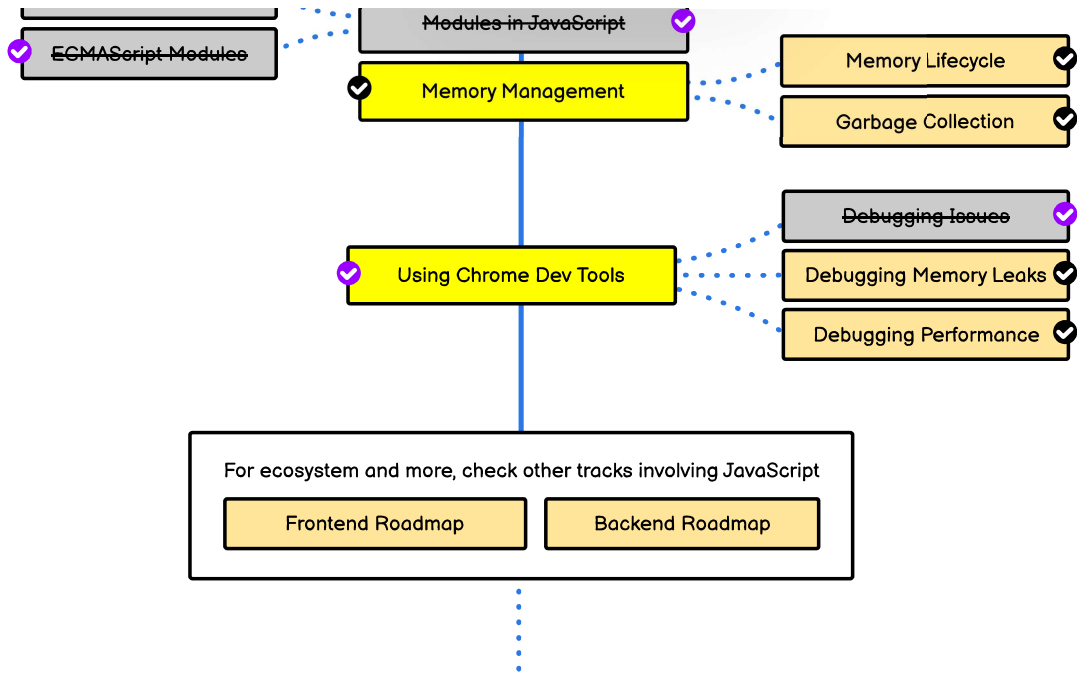← All Roadmaps   ⤳ Share   ⤓ Download

Suggest Changes

73% DONE   86 of 118 Done

⬆ Share Progress   ⦸ Track Progress

PROGRESS 86 of 118 Done

✅ Beginner Topics / start with these

🟣 Intermediate Topics / pick them after beginner topics

⚫ Advanced Topics / pick these after intermediate topics

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

https : // roadmap.sh

JavaScript

var	let	const

What is JavaScript?

History of JavaScript

JavaScript Versions

How to run JavaScript?

Introduction to JavaScript

All About Variables

Variable Declarations

Hoisting

Variable Naming Rules

Variable Scopes

Primitive Types

string	undefined
number	bigint
boolean	null
Symbol	

Data Types

Prototypal Inheritance

Object Prototype

Object

typeof operator

Block	Function	Global

Built-in Objects

Explicit Type Casting

Implicit Type Casting

PROGRESS 86 of 118 Done

Type Conversion vs Coercion

Type Casting

Map

Weak Map

Set

Weak Set

Keyed Collections

Structured Data

JSON

Data Structures

Indexed Collections

Typed Arrays

Arrays

Value Comparison Operators

== === Object.is

Equality Comparisons

Equality Algorithms

isLooselyEqual

isStrictlyEqual

SameValueZero

SameValue

for statement

do...while statement

while statement

Conditional Statements

Loops and Iterations

Control Flow

for...in statement

for...of statement

break / continue

Labeled Statements

Exception Handling

throw statement

If...else Switch

try / catch / finally

Utilizing Error Objects

Defining and Calling Functions

Expressions and Operators

Functions

Function Parameters

Default Params

Arrow Functions

Rest Params

IIFEs

arguments object

Recursion

Assignment Operators

Comparison Operators

Arithmetic Operators

Bitwise Operators

Logical Operators

BigInt Operators

String Operators

Conditional Operators

Comma Operators

Unary Operators

Relational Operators

Scope & Function Stack

Built-in Functions

Lexical Scoping

Closures

Strict Mode

Function Borrowing

Using (this) keyword _____

in a method

in a function

using it alone

in event handlers

in arrow functions

Explicit Binding

call apply bind

Event Loop

setTimeout

setInterval

Asynchronous JavaScript

Callbacks Callback Hell

Promises async / await

Working with APIs

XMLHTTPRequest

Fetch

Ite...

CommonJS

PROGRESS 86 of 118 Done

Classes

ECMAScript Modules

Modules in JavaScript

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

📋 **Test your Knowledge** NEW   **All Quizzes →**

JavaScript   75 Questions

React   51 Questions

PROGRESS 86 of 118 Done

🏔 **Related Roadmaps**   **All Roadmaps →**

꘠ **Related Roadmaps**

Node.js	Step by step guide to becoming a Node.js developer in 2023
TypeScript	Everything you need to learn about TypeScript in 2023
Frontend	Step by step guide to becoming a frontend developer in 2023
Backend	Step by step guide to becoming a backend developer in 2023
React	Step by step guide to become a React Developer in 2023
Angular	Step by step guide to become a Angular Developer in 2023
Vue	Step by step guide to become a Vue Developer in 2023

Community

roadmap.sh is the **6th most starred project on GitHub** and is visited by hundreds of thousands of developers every month.

★ 257k GitHub Stars   Join on Discord

Roadmaps   Best Practices   Guides   Videos   FAQs   YouTube

꘠ **roadmap.sh** by @kamrify   **THENEWSTACK**

Community created roadmaps, articles,   The leading DevOps resource for Kubernetes,
resources and journeys to help you   computing, and the latest in at-scale
choose your path and grow in your c   **PROGRESS** 86 of 118 Done   .nent, deployment, and management.

DevOps · Kubernetes · Cloud-Native

PROGRESS 86 of 118 Done