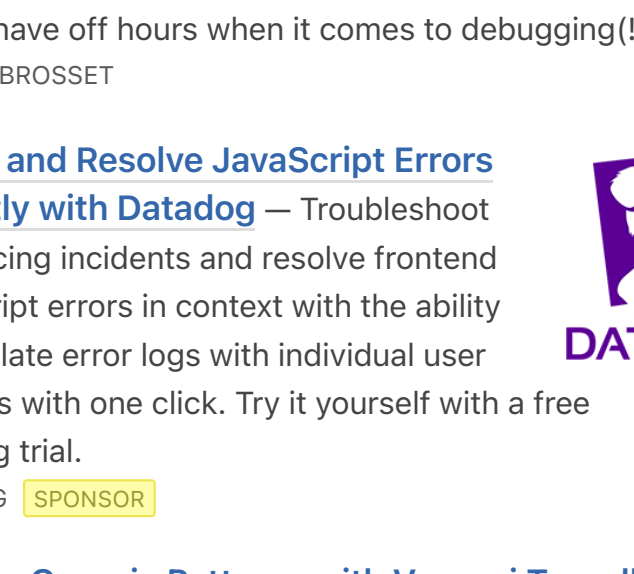


🔥 The hardest time of the year for putting a strong issue together is usually August, but this year the lull has moved to early September :-)

No *big* news or releases this week, but lots of bits and pieces you'll hopefully find useful.

—  
*Peter Cooper, your editor.*

## JavaScript Weekly



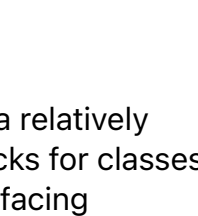
**Bundling Non-JavaScript Resources** — Learn how to import and bundle various types of assets from JavaScript in a way that works both with browsers and bundlers.

INGVAR STEPANYAN (GOOGLE)

**What's New With DevTools: Cross-Browser Edition** — Learn what's new with the developer tools not *just* in Chrome, but in Firefox, Safari, and Edge too. One of those areas where just a little time spent becoming aware of the possibilities could shave off hours when it comes to debugging(!)

PATRICK BROSSET

**Locate and Resolve JavaScript Errors Instantly with Datadog** — Troubleshoot user-facing incidents and resolve frontend JavaScript errors in context with the ability to correlate error logs with individual user sessions with one click. Try it yourself with a free Datadog trial.



DATADOG **SPONSOR**

**Crafting Organic Patterns with Voronoi Tessellations** — A fun look at creating interesting organic generative patterns inspired by the natural world. Generative art is such a fun use case for JavaScript.

GEORGE FRANCIS

**Automatically Find jQuery Calls and Generate Vanilla JS Alternatives** — The aim here is to provide a tool to help you remove jQuery as a dependency in projects by finding jQuery related methods and offering up ‘vanilla’ alternatives. I’m not entirely convinced, but it’s an interesting idea. Alternatively, you could switch to a lighter, modern jQuery alternative like [Cash](#).

SACHIN NERAVATH

**Node v16.9.0 Adds Package Manager Manager (sic)** — A big addition is [Corepack](#), a new experimental tool for managing package managers directly within the Node distribution itself (Yarn and [pnpm](#) are supported in addition to [npm](#)). [V8 9.3](#) also makes an appearance.

MICHAËL ZASSO

### QUICK BITS:

- The [V8 9.4](#) branch has been created, but it's a relatively minor release with only static initialization blocks for classes being available by default as a new developer facing feature.
  - The folks at Amazon have launched [the AWS Developers Podcast](#) – a weekly conversation about all things AWS, such as [AWS Amplify with Ali Spittel](#).
  - Run [npx matrix-rain](#) for a nice terminal-based surprise. [Code here](#) (*found via @boyney123*).
  - The creator of Ruby on Rails has recorded [a 15 minute screencast](#) showing off how the popular backend framework will handle JavaScript in its next major version.
  - [A fascinating OpenAI demo](#) on using their system to write code from your directions. The first demo is in Python but jump to [13 minutes in](#) and they build a basic game in JavaScript just by *describing* it.
- Compete in 20 Hacking Challenges | Win Prizes | Free SnykCon CTF**

SNYK.IO **SPONSOR**

### RELEASES:

**Prettier 2.4** – The opinionated code formatter.  
**React Router 5.3** – Declarative routing for React.  
**Acorn 8.5** – Small JS-powered JavaScript parser.  
**Flicking 4.3** – Flexible carousel component.  
**ember-simple-auth 4.0** – Auth for Ember.js apps.  
**Ember 3.28 and 4.0 beta** – Popular batteries included framework.

### 📁 Jobs

**Senior Backend Engineer (Berlin / Remote)** — Want to join a small startup with a big growing potential (we double every year)? Feather is looking for a backend engineer.

FEATHER

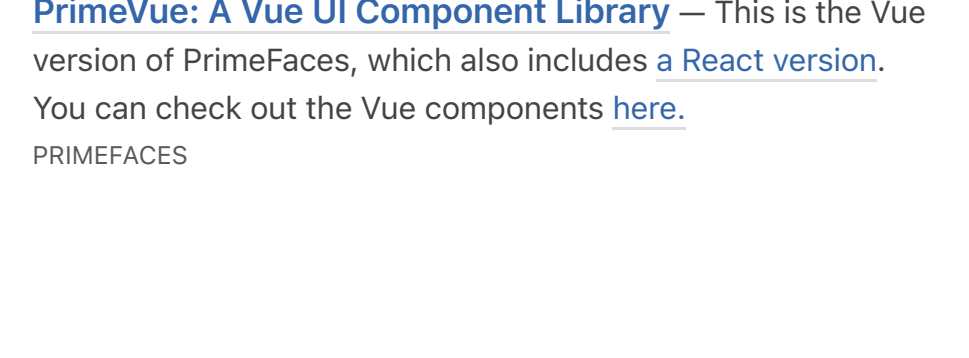
**Senior Software Engineer at Decisiv (ReactJS / Ruby on Rails)** — Join our remote-first UI development team to help craft a modern platform that is revolutionizing an industry.

DECISIV, INC.

**Find JavaScript Jobs with Hired** — Create a profile on Hired to connect with hiring managers at growing startups and Fortune 500 companies. It's free for job-seekers.

HIRED

### 📖 Tutorials, Opinions & Stories



**Exploring the CSS Paint API: Blob Animation** — A fun effect currently supported only on Chrome (and Edge) for getting gooey/blobby shapes going with CSS enhanced by JavaScript via the Paint API.

TEMANI AFIF

**What's New in Node.js Core?** — Node updates so often that usually you're keeping a close eye on it (such as via our [Node newsletter!](#)) you can miss what new features got added. Simon shares a handful of useful additions here.

SIMON PLENDERLEITH

**[Guide] Ship Fast. Stay Ahead of the Competition** — Intuit & Atlassian don't let process stand in their way. Learn their strategies to ship faster, safer & stay ahead.

LAUNCHDARKLY **SPONSOR**

**Using Neovim and Tmux for JavaScript Development** — Are you a Vim user who, perhaps, migrated to VS Code but still feel a bit of an itch for the old days? Neovim, a fork of Vim, has really won Elijah over and here he demonstrates its value for JavaScript developers.

ELIJAH MANOR

**How An npm Package with 3M Weekly Downloads Had a Severe Vulnerability** — Security researcher Ax Sharma has put together a good story about a significant vulnerability in [pac-resolver](#).

ARS TECHNICA

**Threats of Using Regular Expressions in JavaScript** — This is very elementary, but if you're unaware of what 'catastrophic backtracking' is, it could be illuminating.

DULANKA KARUNASENA

[unknown vs any in TypeScript](#)

DMITRI PAVLUTIN

### 🔧 Code & Tools

**Shoelace: 'A Forward-Thinking Library of Web Components'** — A collection of well designed every day UI components (buttons, drawers, inputs, menus, color pickers, and more) built in a framework agnostic way (though there are React wrappers available).

CORY LAVISKA

**Harlem 2.0: Simple Extensible State Management for Vue 3** — Provides a simple functional API for creating, reading, and mutating state - and it's only 1.5KB minified.

ANDREW COURTICE

**Tried. Tested. Trusted. Studio 3T - Power Tools for MongoDB** — Intuitive IntelliShell. Generate JavaScript from queries. Reshape data with Reschema. Try Studio 3T free for 30 days.

STUDIO 3T **SPONSOR**

**Renamer 4.0: Rename Files in Bulk** — A Node powered CLI tool but with the interesting addition that you can [write a replace function](#) in JavaScript to perform more complex renames.

LLOYD BROOKES

**Dannjs: A Neural Network Library for JavaScript** — The aim is ease of use so it's good to use for experimentation and playing around.

MATIAS VAZQUEZ-LEVI

**gron: Make JSON Greppable** — A tool written in Go that transforms JSON into more easily [greppable](#) assignments, so you can use [grep](#) and see the context/path of the result. Useful.

TOM HUDSON

**PrimeVue: A Vue UI Component Library** — This is the Vue version of PrimeFaces, which also includes [a React version](#). You can check out the Vue components [here](#).

PRIMEFACES

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