Web Tools Weekly

WEB APPRICHI

Tools for Web Developers

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Free Guide: The Evolution of JavaScript Tooling
Frameworks and libraries have been created to ease the burden of writing complex UI code. Learn how to deliver applications faster, better, and on budget in our free guide.

Download Your Free Guide!

Check it a while you may want to take a look at what's in the pipeline when it comes to new JavaScript features (specifically in the ECMAScript spec).

The official GitHub account for Ecma International (the standards body that oversees ECMAScript) has a proposals repository that only lists current Ecma-262 features that are at various stages of development:

You might like to check out the stage 3 and stage 4 proposals that have not yet been reached or considered (i.e. are still in progress). For the sake of time, I'am only mentioning a few in these notes:

- **JSON Modules** - Builds on another proposal (import assertions) to add the ability to import a JSON module in a common way across JavaScript runtimes.
- **Error Cause** - Adds a `cause` property to an `Error` constructor parameter in the `Error` constructor. This aims to simplify some complex debugging/logging deep internal methods.
- **Array first/last** - Adds `.findLast()` and `.findLastIndex()` methods on arrays and typed arrays. These will help to find an element in an array from last to first with a conditional function.
- **New Set methods** - For example, `new.intersection(), new.union(), new.intersection(), new.isSuperset()`, etc.
- **Records & Tuples** - Introduces two new deeply immutable data structures to JavaScript. One is object-like (`#{ a: 1, b: 2 }`) and the other array-like (`#[ 1, 2, 3, 4, 5 ]`).
- **The Pipeline Operator** - This operator (currently found in other programming languages) looks like `|>` and will help to streamline chained function calls, and provides a practical alternative to extending built-in prototypes.

There are lots of others listed in the repo and you'll also find links to other proposals that are at stage 2 or stage 1, and therefore are not too far along.

How do you keep up-to-date?

JavaScript Utilities

Free Guide: The Evolution of JavaScript Tooling
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axios/axios-timeout-promises
Timeout/promises for client and server.

fs-gzip
A node-purpose code generator tool based on TypeScript interfaces to generate production ready and well documented code from TypeScript code.

RapidFormula
An open-source calculation engine written in TypeScript that allows you to perform Excel-like calculations in your business applications and works with Mac, Plesk, and Kugaar.

AutoMapper TypeScript
An object-object mapping solution by convention in TypeScript.

html-to-image
Utility to generate an image from a DOM node using HTML5 Canvas and SVG.

inLine
A free library to create a simple and smart WYSIWYG text editor designed to fit into any layout, for web and mobile apps.

JavaScript Cookie
A simple, lightweight JavaScript API for handling browser cookies.

PZP for JavaScript
PZ fuzzy matching using the PZP algorithm in JavaScript.

sotter
JavaScript library for immutable color conversion and manipulation with support for CSS color strings.

Shipyo
Shipyo compares and annotates collaboratively on a map. You can draw, add markers, lines, areas, find places (e.g. observe other users), and much more.

tsoer
High performance deserialization in a pure JavaScript. Bite package, using the Zstandard data compression algorithm.

Git, GitHub, and Command Line Tools

Elevate Fall Summit Free Tickets
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tpm/tmux
A small shell program to make tmux.conf easier to manage.

tkdesk
A CLI based notes app built using TypeScript, MongoDB, and AuthO.

Mouch
Mouch is a minimal application that allows coaching, supports intermittent connectivity, and provides intelligent local-only and time-sifting of user responses.

GitKraft Rider
Enter a GitKraft user name and this tool will give you a score (similar to "PlayStation trophy"). I got a 267/100 and thought I'm not all that active on GitHub (though I do have a few popular repos).

Zellij
Zellij is a terminal workspace that has the base functionality of a terminal multiplexer (e.g. like tmux) but includes layouts, a layout system and create a personalized environment.

Default interface with a few panes and tabs

zellij
A simple, fast, editless framework for improved productivity.

Ag
Fast, CS Code-style autocomplete in your Mac terminal. As you type, pops up autocomplete, options, and contextually relevant arguments in your existing terminal.

CGRy
A command line framework for Gerrit for creating interactive command line tools.

On the Release Radar:

- Commander.js - Node CLI library now at version 9.
- Lerna - Dependent-aware monorepo now at version 1.10.

Vue Tools

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v-tooltip-fix
A lightweight version of VTooltip, the opinionated Vitte starter template.

vue-image
Plug-and-play image optimization for Nuxt.js apps. Resize and transform your images in your code using a built-in optimizer or your favorite CDN.

vmoxy-generator
Add "Vmoxy" optimize values to your Vue components. See the linked video for an explanation of what "Vmoxy" means in this context.

pattie-cui
An alternative distribution of Vue optimized for progressive enhancement.

vue-grep
A command-line tool that lets you search your Vue codebase using CSS selector syntax (like querySelectorAll in jQuery), for navigating large code bases.

v-tooltip-lodash
A Vue component to easy load an image automatically when it enters the viewport using the Intersection Observer API.

vuex-persistedstate
Persist and rehydrate your Vuex state between page reloads.

Figma-Lua-Code
An open-source project that allows you to use Figma designs directly in Vue applications.

vuet-nib-loader
Single File Component loader for Vuet. Use this directly from your HTML with no Node.js environment and no build step.

vue-tag
Vue Sort Dry Fragment feature in Vue 3 to return multiple root elements.

Spotlyness
A simple, simple and touch-ready parse spotter and reader for Vue apps.

vue-email-autocomplete
Vue.js component for Google Place Autocomplete component that enables out-of-the-box email autocomplete suggestions on input elements.

Commercial Apps and Classifieds

These are commercial tools/web apps, and classifieds and affiliate links. You can submit a link for consideration or you can buy a classified link (will be marked "ad").

Hadesh - Video hosting and marketing made simple

JS E-Books Bundle - 2,JSCODE e-books in EPUB, PDF, MOBI formats (ad)

Kantanas - A complete QA platform for software releases.

React for Beginners - Course on 20 HD videos + 6 hours to learn React. (ad)

Hapahost - Self-hosted open-source databases in one click.

Backgroundremover.app - API to remove backgrounds from images.

A Tweet for Thought

Jason Miller with an interesting thread on **what other devtools/browsers we should or shouldn't support.**

> Jason Miller @jaysalvat
> @developit
>
> Food for thought:
>
> We accept that it's okay to drop support for Android 5 - released in 2014 for a Nexus 5 flagship, which has 3.3% marketshare today.
>
> But we still support IE11 - released in 2013 before the Surface product line existed, which has 0.8% marketshare today.
>
> Why?
>
> 10:24 PM · Nov 3, 2021 · Twitter Web App

Send Me Your Tools!

Made something? Send links via Direct Message on Twitter @WebToolsWeekly (details here). No licensing or activities, please. If you have any suggestions for improvement or corrections, feel free to reply to the email.

Before I Go...

If you're a Vue developer and want more more Vue tools, check out **VueToolbox**. The only problem is that the project seems to be abandoned. Nonetheless, there's still quite a few tools there.

Thanks to everyone for subscribing and reading!

Keep hacking,

Peter Cooper
@PeterCooper

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If you have any questions, feedback, ideas, or issues, please contact Peter Cooper at peter@cooperpress.com.

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