Web Tools #436 - JS Courses, Frontend Frameworks, SVG, JSON/DB

webTools Weekly

WEB VERSION

Tools for Web Developers

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Advertisements

Tealine.io

Tealine is an AI-powered UI test automation tool that gives developers an easy way to author and maintain cross-browser tests. Speed test time creation, setting, and updating UI tests and more time innovating in your app. Start testing for FREE. sponsored

Start Testing for Free

It's possible you're going to have some down time in December, so if you're looking to refine, update, or supplement your current coding skills, now is a good time to check out deals on web development courses.

The crew I always recommend are from Wes Bos who, as usual, is having his annual half-price sale on all his courses. All the links here are affiliate links, so if you don't mind I take a purchase - just another way you can support this newsletter.

- **Master Gatsby** - Build modern websites with React, Gatsby and Friends. Learn to use a headless CMS, Stripe2 CSS, and Serverless Functions.
- **Beginner JavaScript** - A fun, exercise-heavy approach to learning Modern JavaScript from scratch. This one is for absolute beginners to intermediate devs who want to absolutely nail their JS Fundamentals.
- **Advanced React** - Learn React, Redux, Firebase, Serverless Functions, Reactjs Prototyping, Apollo, GraphQL, React.js and Stripe with server-side rendering and JWT based authentication.
- **React For Beginners** - the best way to get up to speed on React fundamentals.
- **Cliffs For Everyone** - Recently updated to include React+, a fresh, fun update for anyone familiar with JavaScript but looking to update to the latest JavaScript frameworks.
- **Learn Node** - Built in Dynamic Data applications and learn the full end-to-end in Express, Passing, Middleware, session-based auth, and MongoDB.

BLACK FRIDAY SALE!
All Courses 50% off!
LIMITED TIME! - ENDS AT MIDNIGHT (PST) TODAY!

And Wes just announced that he's currently working on updates to the Node course and Advanced React course, and he's also working on a new course on Deploy Sites (curated JamStack platform for the, and Wes is always hinting. He up to date.

He also announced that he's working on a new course creating OpenBuild. This can sign up to get notified when it's ready, but it's definitely hardcore it has when it's out.

Now on to this week's tools.

Front-end Frameworks

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Layout Patterns
A collection of web development tests plus, a collection of layout patterns built using modern CSS. Why that will help you build common interfaces such as card dynamic grid areas, and full-page layouts.

Pico.css
A minimal CSS framework for semantic HTML. Elegant styles for all native HTML elements without classes, and dark mode automatically enabled.

Grapoj
Unstyled, responsive UI primitives for React Native and web. Includes TypeScript support, a simple API, dark mode, theming features, atomic classes, a mock.

Hydrogen
In developer preview. A React-based front-end framework that includes structure, components, and tooling for building custom storefronts in Shopify.

Sass Design
A modern, comprehensive, flexible design system that gives you all modular blocks you need to build sensible web apps and SaaS products.

Stencil UI
A powerful hand-tool library of Tailwind components enhanced by vanilla JavaScript that helps you build interfaces with advanced interactions and anima

Ionic
A set of 60+ lightweight mobile UI components built on Ionic, written in TypeScript, with each component averaging about 16k in size minified and gzip

React Native Universal Monorepo
A React Native monorepo supporting multiple platforms. Android, iOS, macOS, Windows, web, browser extensions, and Electron.

React Landing Page Template
A simple React single-page landing page template for startups/companies.

React Portfolio
A production-ready React portfolio template suited for GitHub Pages, built with Chakra UI. Just with data.json and config.js to fit your needs.

Media Tools (SVG, Audio, Video, etc.)

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Svelte Coloed
A component library for Svelte to create beautiful, high-performance UI apps with the Tailwind, the popular WebGL framework.

smoothie
This is a kind of bizarre tool tool. Select two emojis and then and and will out a combination emoji (downloadable as SVG). I was able to produce a cheese octopus.

Lumen space
An API for planetarider images that lets you select the category of image to display (random furniture, album cover, book cover, fancy, etc).

Image Kite
Compressor

DOM to SVG
Library to convert a given HTML DOM node into an accessible SVG "screenshot".

Iconsax
A set of icons in 6 different formats (.svc, .ttf, .eot(ttf), .ai, .eog, .fig) that's part of the Iconsax framework.

PassionPlants
A library of vectors free illustrations. flat, isometric, and animated, available as SVG, AI, and PNG. (some require email signup).

Tool.png
A PNG image decoder and encoder written entirely in JavaScript.

Glow
Create a random fancy line graphic by plotting a few points then customizing opacity, stroke, roundness, etc., before downloading as SVG (code or file).

Compressorio
An open-source online web app to batch compress images (max 10 images, 50MB) with a few options (lossless, quality, metadata). Also includes an API.

react-charts-2
React components for Chart.js, the popular charting library, compatible with Chart.js versions 2 and 3.

app-icns
HB normal geometric icons of various commonly used apps (iTunes, Chrome, Safari, Messenger, etc), in PNG, SVG, and ICO format.

JSON Tools, Databases, GraphQL, etc.

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graphql-live-query
Real-time GraphQL Live Queries with JavaScript with any schema or transport.

caffeine
A very basic REST service for JSON data, enough for prototyping and MVPs. No need to set up a database. CORS enabled. and more.

Mercurius
A fast-focused GraphQL adapter for Fastify (the Node.js framework).

Arctique
The SQL client and database management tool for Windows, with a free plan for solo developers and small teams.

react-hydration-time
A React Native JSON viewer component based on react pure-tree that supports iterable objects.

MongoDB
An open-source alternative to MongoDB, so you can avoid MongoDB's SSPL license and go fully open source.

Database Client for Visual Studio Code
A VS Code extension database client that supports MySQL/MariaDB, Microsoft SQL Server, PostgreSQL, SQLite, MongoDB, Redis, and EtcdClusterA.

Tiny Schema Validator
A JSON schema validator with excellent type inference for JavaScript and TypeScript.

Mirodoc
Older project. An all-in-one JSON logging utility that supports Expressjs & HTTP logging, custom logging, provides rudimentary output and an easy to use console API.

SIMDJ
Another old one. A database migration tool written in Bash, consisting of just one file.

Commercial Apps and Classifieds

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

Mailerlite - Generate royalty-free music for videos and other content.

Warning Grace - A daily newsletter to keep you informed & entertained. ad

Templates Surf - Responsive and customizable HTML templates.

Descript - All-in-one audio and video editing, as easy as a document.

Lloyd - A career coaptol for young professionals. Try it for free. ad

Dapper - Sync environment variables across devices and teams at scale.

CSS Commander - A series of database clients for iPad, iPhone and Mac.

A Tweet for Thought

An interesting performance tidbit from Harry Roberts on how CSS resources like Fonts and background images are requested by the browser.

Groups get significant thing all developers should keep in mind: CSS resources (fonts, background images) are not requested by your CSS, but by the DOM node that needs them (Note: slight oversimplification, but the correct way to think about it.)

Send Me Your Tools!

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

Before I Go...

If you like the look of the famous Penguin Classics book series, you can generate your own custom book cover using the **Penguin Classics Cover Generator**.

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Keep reading,
Louis
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