

# Tools for Web Developers

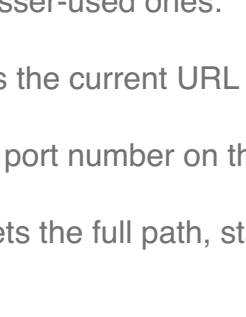
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## Advertisement

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I've previously talked about the Location object in the DOMHTML spec that gives you a number of different properties and methods dealing with the page's location.

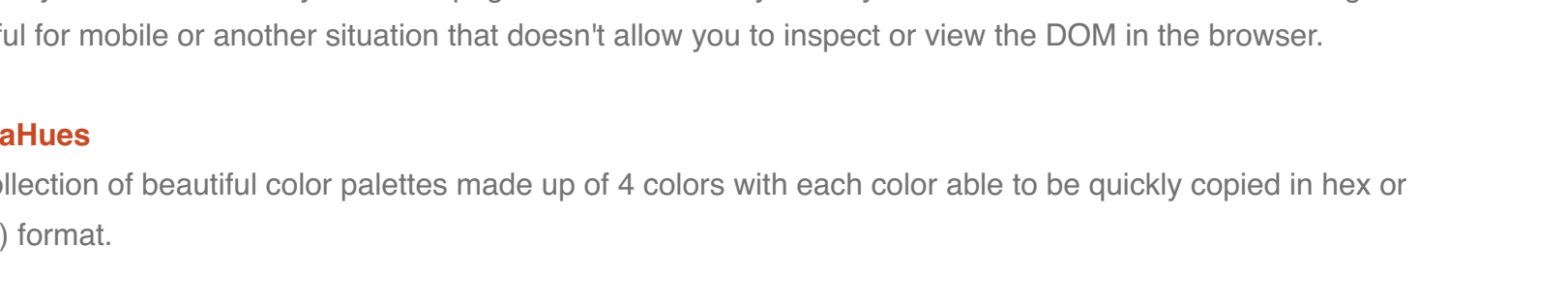
The most common way it's used is by directly accessing either document.location or window.location (which are the same), which both by themselves give you the current page URL (readable or writable).

But there are other properties available on the Location object that are not used as often but might come in handy in certain cases. Here are some of the lesser-used ones:

- **Location.protocol** - Gets the current URL protocol, including the trailing colon but not including the forward slashes
- **Location.port** - Gets the port number on the URL (if one exists)
- **Location.pathname** - Gets the full path, starting with "/", not including domain/host and not including any query strings or hashes
- **Location.host** - Different from **Location.hostname** because it also includes the port number

Usefully, MDN's [article](#) on the subject has a little interactive URL viewer that lets you hover over the different parts of the URL to see how they map to the different properties of the Location object.

https://example.org:8080/foo/bar?q=baz#bang



I've ported their code (which is pure HTML/CSS) into a [CodePen demo](#) so you can try it out. It's a little jarring when you hover, but you'll get the gist of it, as shown in the screen grab above.

Notice the interactive demo includes all the different parts of the document's location, not just the ones I mentioned above.

Now on to this week's tools!

## CSS and HTML Tools

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### Pollen

A library of CSS variables, heavily inspired by Tailwind, for rapid prototyping, consistent styling, and as a zero-runtime utility-first foundation for your own design systems.

### View Source

A handy little tool that lets you view a page's source from anywhere you have an internet connection. Might be useful for mobile or another situation that doesn't allow you to inspect or view the DOM in the browser.

### InstaHues

A collection of beautiful color palettes made up of 4 colors with each color able to be quickly copied in hex or rgb() format.

### Assembler CSS

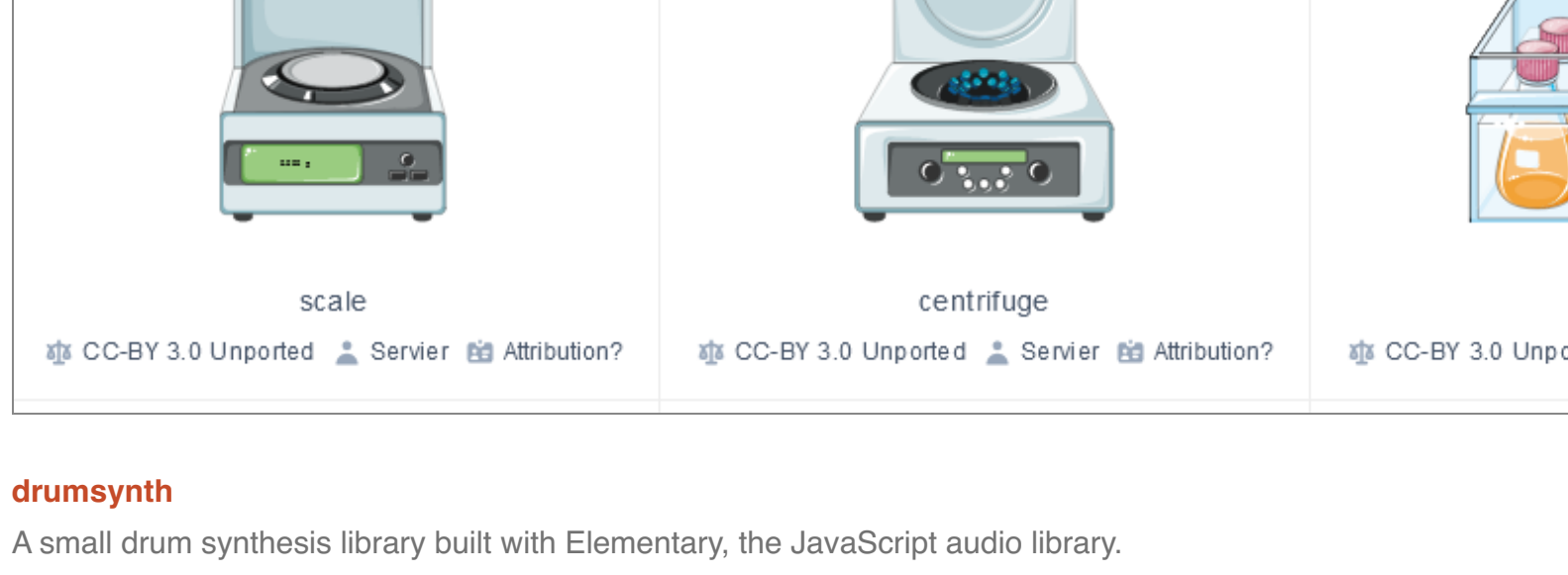
A high-performance, utility-first framework that allows you to quickly prototype and build modern websites and UI components without the need to install and maintain complex software.

### Buttons Generator

A gallery of free CSS buttons in a number of different categorized styles, just click a button to copy the CSS.

### Shaper

An interactive tool to fiddle with various UI settings live on the page, after which you can grab the code (which uses CSS Variables) using the "spec" button.



### tailwind-merge

A utility function to efficiently merge Tailwind CSS classes in JavaScript without style conflicts.

### CSS Buttons

Yet another gallery of CSS buttons, this one a little smaller than the previous set but with some unique styles.

### CSS Photo Filters

36 beautiful photo filters, with ability to live edit and copy the CSS. Upload your own photo then use the settings to adjust as needed.

### Glassmorphism CSS Generator

An interactive tool to create a semi-transparent "glass" effect using CSS (that's apparently part of a future CSS UI library).

## Media Tools (SVG, Images, Video, etc.)

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### React F7 Icons

A Framework7-based icon library of React SVG components with better usability.

### flag-icons

A collection of all country flags in SVG, plus the CSS for easier integration.

### DiceBear Avatars

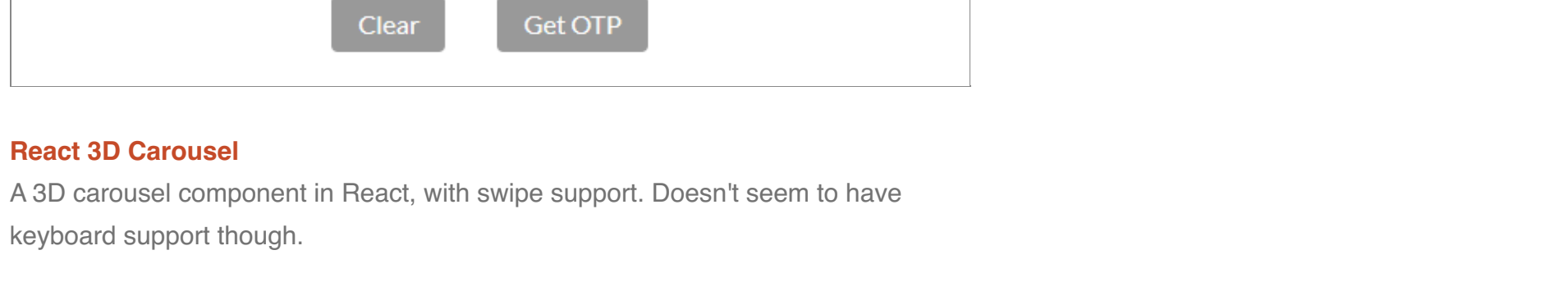
An avatar library that also includes a handy HTML API so you can easily drop them into a project as placeholders or as custom user avatars.

### Mesh Gradients

100 beautiful, curated gradients available for download as high-quality JPEGs.

### BioIcons

A library of open source icons themed around science and biology, categorized and filterable by keyword.



### drumsynth

A small drum synthesis library built with Elementary, the JavaScript audio library.

### ts-audio

An easy-to-use, cross-browser library that abstracts the complexity of the AudioContext API and can create playlists.

### Blolbb

An interactive tool to create unique SVG blobs and shapes with the ability to add a gradient, stroke, and pattern to the shape.

### Background Remover

Online tool to use AI to automatically remove the background from an uploaded image and optionally add a color background in its place.

### Snowflake Generator

A really cool realistic snowflake generator with settings to customize the shape and look, then download the result as JPEG.

### react-social-icons

A set of beautiful SVG icons for 40+ social networks, easy to use in React projects.

### arfy face

An easy tool to convert an image into a somewhat abstract, retro-looking pixelated version of the photo with settings to customize the look and grab the image in Data URI format.

## React Tools

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### React Lottie Tools

A library to work with Lottie animations (the mobile animation library) inside React.

### reactflow

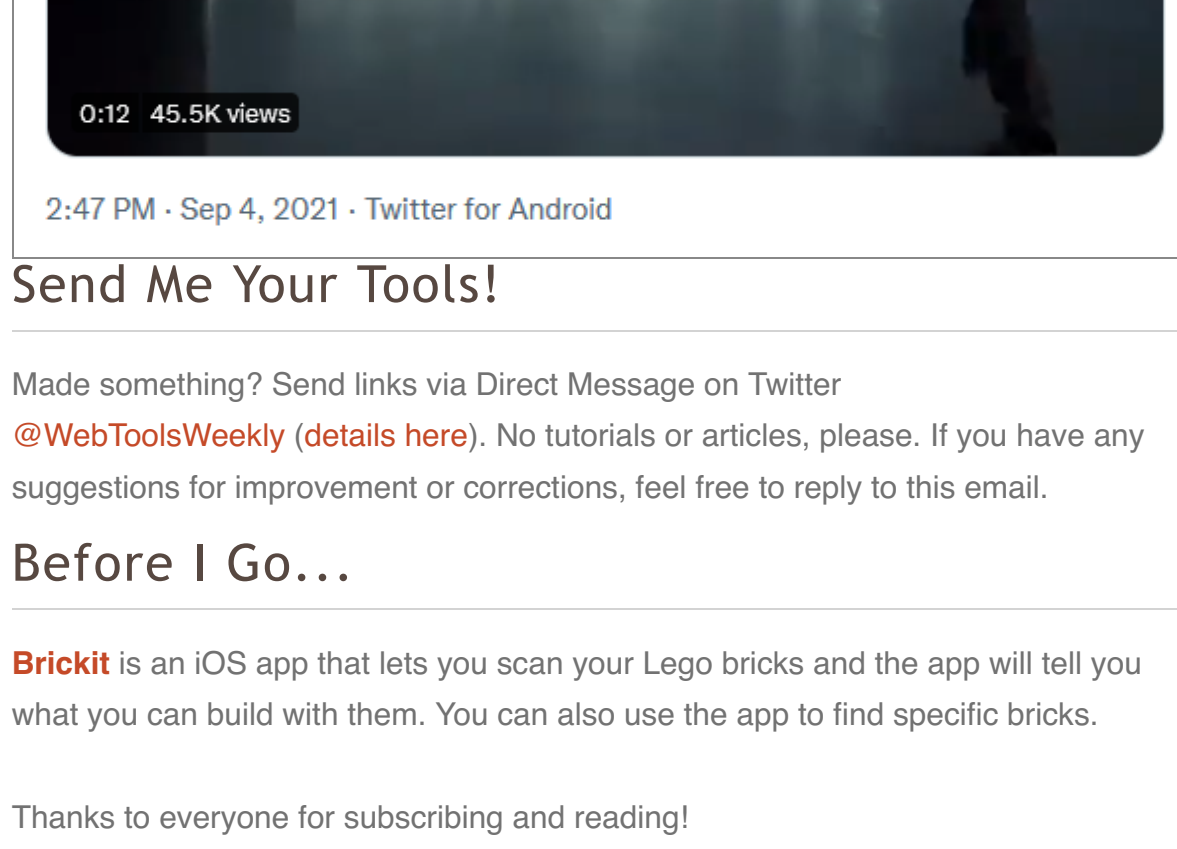
A feature-rich, React-based, modular diagram engine to build static or interactive editors for displaying complex visualizations with total customizability.

### ReactCasting

A Raycasting algorithm that renders a pseudo 3D scene in HTML using React (no Canvas). Impressively this can also render the scene in a textarea element or in the browser console in Chromium based browsers.

### react-otp-input

A fully customizable, one-time password input component built with React. Includes a neat interactive demo where you can customize the number of characters, separators, etc.



### React 3D Carousel

A 3D carousel component in React, with swipe support. Doesn't seem to have keyboard support though.

### use-iterator

A collection of React hooks for using JavaScript's iterator/generator features.

### react-linear-gradient-picker

A linear gradient picker in React that's created by wrapping an existing color picker.

### react-responsive-modal

A simple responsive and accessible react modal that features a focus trap, customizable via props, and has TypeScript support.

### RxEffects

Reactive state and effect management with RxJS. Provides a way to describe business and application logic using MVC-like architecture.

### React CountUp

A configurable React component wrapper around CountUp.js, a utility for creating numerical animations.

### react-hook-form-persist

Persist and populate a react-hook-form using SessionStorage or LocalStorage.

### Network-Viewer

React.js component for viewing HAR files (the file you can export from the Network tab in DevTools).

## Commercial Apps and Classifieds

These are commercial (non-free) apps, paid classifieds, and affiliate links. You can [submit a link for consideration](#) or you can [buy a classified link](#) (will be marked "ad").

**JumpStory** - Millions of stock images, easy to search, plus a photo editor.

**JS E-Books Bundle** - 3 JS/DOM e-books in EPUB, PDF, MOBI formats \$9. [ad](#)

**POST2** - HTML forms back-end service with no code.

**React for Beginners** - Course w/ 29 HD videos (~5 hours) to learn React. [ad](#)

**100ms** - Cloud platform to allow devs to add video conferencing to apps.

**SnapTweets** - Create attractive screenshots of Tweets in a snap.

## A Tweet for Thought

Jameson Lopp shows off a really amazing [next-level augmented reality demo](#).



## 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...

**Brickit** is an iOS app that lets you scan your Lego bricks and the app will tell you what you can build with them. You can also use the app to find specific bricks.

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