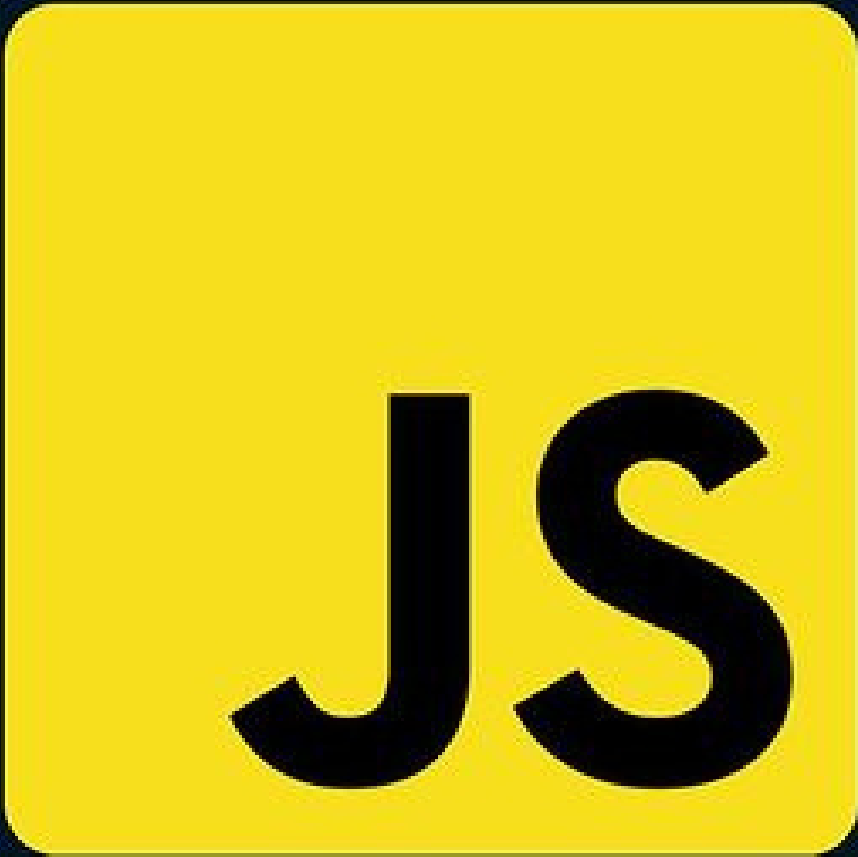




@pyplane_code

JavaScript Utility Libraries You Must Know



JS

Underscore & Lodash (dah)

Most of you probably already know them.

Underscore was built to **provide utility functions** for common tasks in Javascript.

Lodash, NPM's most downloaded and most dependent-upon package, was built to **provide more consistent cross-environment iteration support** for arrays, strings, objects, and arguments objects.

It has since become a superset of Underscore, and both are maintained by the same core contributors. **Should definitely be in your stack.**

UNDERSSCORE.JS & LO

Ramda

At over 12K stars, this *JS utility library is designed for functional programming*, making it easy to create functional pipelines that don't mutate user data.

Immutability and side-effect free functions are at the heart of its design philosophy.

All *functions are automatically curried*, and passed parameters are arranged accordingly for ease of use.



MathJS

At 6K stars, *Math.js* is an extensive math library for **JavaScript and Node.js**, which is compatible with JavaScript's built-in Math library.

The *library contains a flexible expression parser*, is able to perform symbolic computation, and **comes with a large set of built-in functions and constants**.

You can even extend it yourself.

Moment/date-fns

At nearly 40K stars, *moment.js* is a **JavaScript date and time manipulation library** for parsing, validating, manipulating, and formatting dates.

Moment was *designed to work both in the browser and in Node.js*. As of v 2.10.0 the code is written in ECMAScript 6 modules.

Date-fns is built using **pure functions** and keeps things immutable while not changing passed date instances. It **works well with bundlers** such as webpack, Browserify, or Rollup and also supports tree-shaking.



(✓) date-fns

Sugar

At 3.5K stars, *Sugar is a Javascript utility library for working with native objects.*

Custom builds and modularized npm packages let you use only what you need (can also be combined with Bit), and *users can define methods or use plugins to handle specialized use cases.*

Worth checking out.

Sugar.

Lazy

At 5K stars, *lazy.js* is a functional utility library for **JavaScript** with a lazy engine that “**strives to do as little work as possible**” while still being flexible enough.

The library has no external dependencies, and here’s a live demo of testing DOM events as a sequence.



CollectJS

At 3.5K stars, *collect.js* is a very promising and **dependency free wrapper** for working with arrays and objects in Javascript with dozens of useful functionalities in and API which is (almost) identical to Laravel Collections 5.5.

The library is actively maintained, and is worth keeping an eye on.

```
collect(['js'])
```




ChartJS

At nearly 40k stars, *chart.js is a great example of how sometimes less is more* with 8 different data visualization types, each of them animated and customizable.

Chart.js lets you create simple HTML5 Charts using the `<canvas>` tag, with great rendering performance across all modern browsers.

Definitely one of the *most useful and elegant libraries* on the list.



Chart.js