G53DEV Final report

Augustinas Jokubauskas (psyaj1)

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When looking at github commits, some might say username of Knightls or Augustinas, that happened because I had configured github incorrectly. All the charts are taken from and can be confirmed on npm-stat

Contents

1 Dlister

1.1 About

`dlister` was created on **05/02/2017** and can be found on Github.

It's a cli tool, which allows to quickly and easily list directory trees and files within them. It's build on top of node.js which allows it to be used as a universal tool with extremely simple installation on a large number of operating systems. Dlister also has a stackoverflow integration allowing for painless project layout display when creating a question. I am currently the sole maintainer of the project, which lead to development being slowed down recently, however there are plans for a complete rewrite in ocaml using bucklescript compiler to transform it to javascript. This would mean being able to utilise ocaml's type system to produce better quality code.
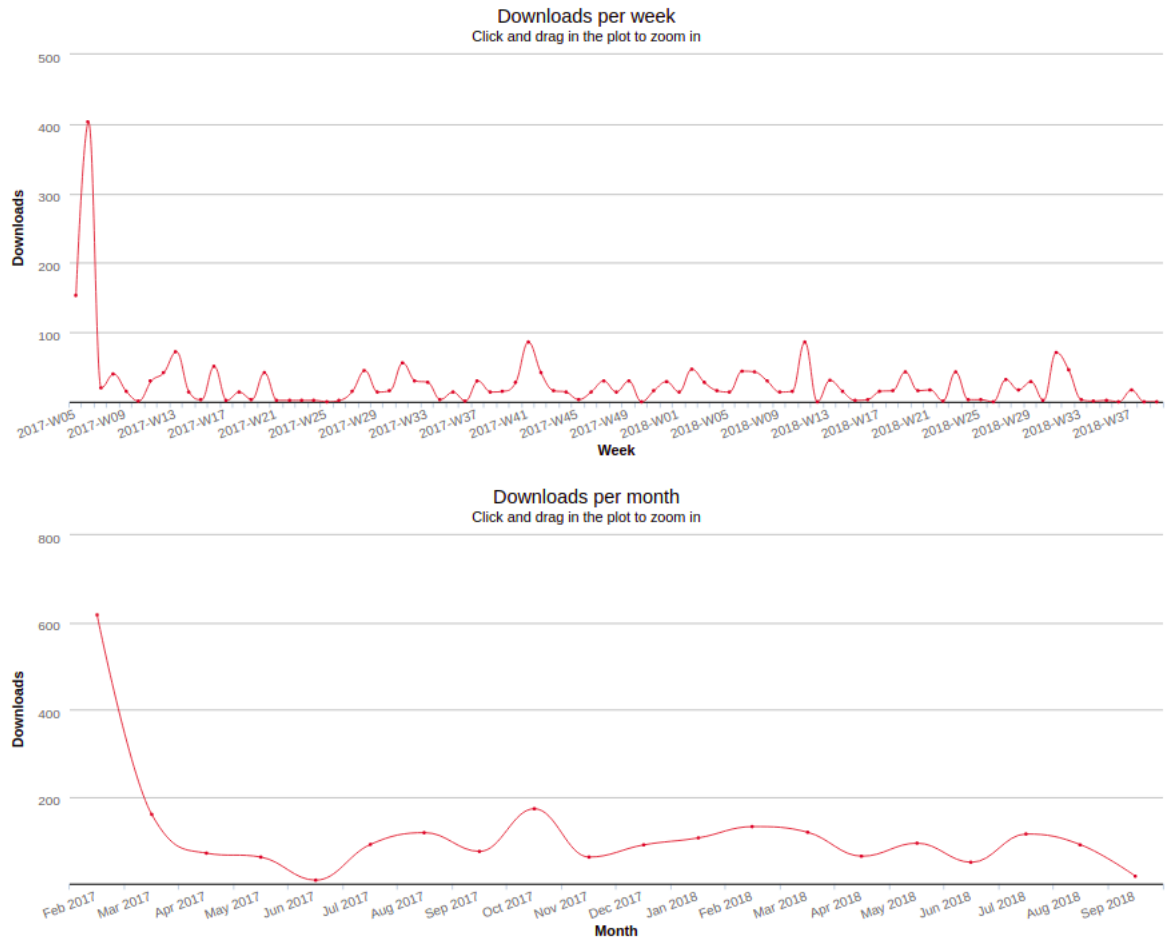
1.2 Example usage

1.3 Statistics

Between 05/02/2017 and 26/09/2018 package has been downloaded **2297** times

Downloads per week
Click and drag in the plot to zoom in

Downloads per month
Click and drag in the plot to zoom in

2 react-routes-map

2.1 About

`react-routes-map` was created on **27/09/2017** and can be found on Github.
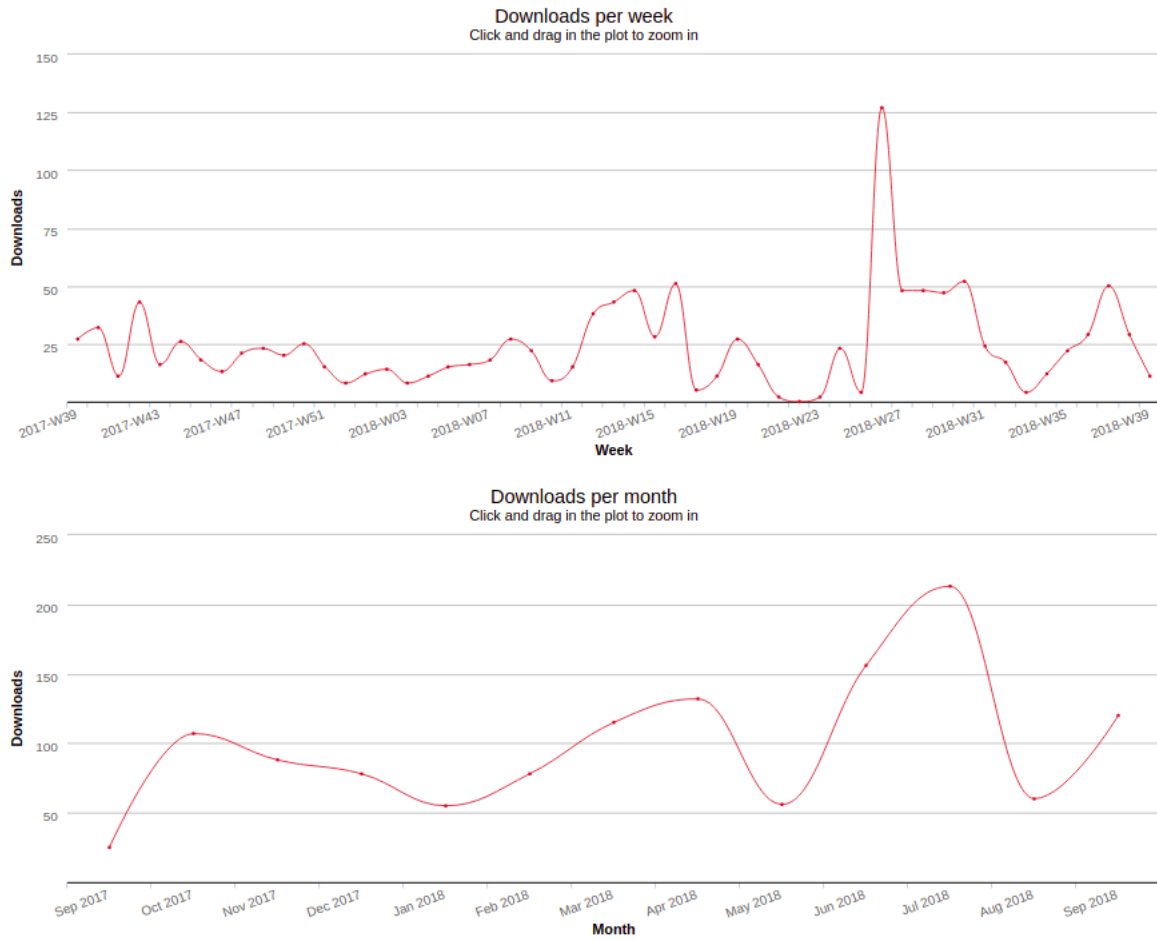This tool was made to simply react developers lives by dynamically generating routes for a single page application.
react-routes-map saves hundreds of lines of codes as well as making configuration as simple as just a single JSON object,
while it also allows users to customise route imports as well as setting custom loading actions. Using dynamic importing of
routes also has an added benefit of drastically reducing bundle sizes, which in return will speed up initial page load times. I
am currently the sole maintainer of the project, however, due to the nature of the project, it does not require often
maintenance.

2.2 Example usage

```
import mapRoutes from 'react-routes-map';

const routes = [
  {
    path: '/home',
    component: 'Home',
    name: 'Home'
  }, {
    path: '/projects',
    component: 'Projects',
    name: 'Projects',
    children: [
      {
        path: '/add',
        component: 'ProjectForm',
      },
    ],
  }, {
    path: false,
    component: 'Default',
  }
];

const options = {
  Loading: props => <span>loading...</span>,
  loader() {
    return import(`./${component}`)
      .catch(e => import(`./${component}/index.js`));
  }
}

export default mapRoutes(routes, options);
```

2.3 Statistics

Between 27/09/2017 and 26/09/2018 package has been downloaded **1283** times

Downloads per week
Click and drag in the plot to zoom in

Downloads per month
Click and drag in the plot to zoom in

3 color-re

3.1 About

`color-re` packages was created on **19/06/2018** and can be found Github
This package is a rework of color package in reason. It has 0 dependencies as well as only being `120K` in size. Due to the package being written in reason, it's strongly typed, which prevents common runtime errors which are horrible to debug. It can be easily integrated with reason, javascript and ocaml projects, this allows for an easier code reuse between projects. I am currently the sole maintainer of the project. color-re package currently provides all core functionality required, so there is no need for maintenance.

3.2 Example usage

```
1  /* Change the opacity */
2  Color.(fromRgb((200, 200, 200)) |> opacity(1.5) |> toString) |> Js.log
3  Color.(fromRgb((200, 200, 200)) |> toHsl |> fade(0.5) |> toString) |> Js.log
4  Color.(fromRgb((200, 200, 200)) |> toHsl |> opaquer(0.4) |> toString) |> Js.log
5
6  /* Color convertions */
7  Color.(fromRgb((200, 200, 200)) |> toHex |> toHsl |> toHsv |> toString) |> Js.log
8
9  /* Color properties */
10 Color.(fromRgb((200, 200, 200)) |> luminosity) |> Belt.Option.getExn |> Js.log
11 Color.(fromRgb((200, 200, 200)) |> contrast(fromHex("#aaafff"))) |> Belt.Option.getExn |> Js.log
```

3.3 Statistics

Between 19/06/2018 and 26/09/2018 package has been downloaded **227** times
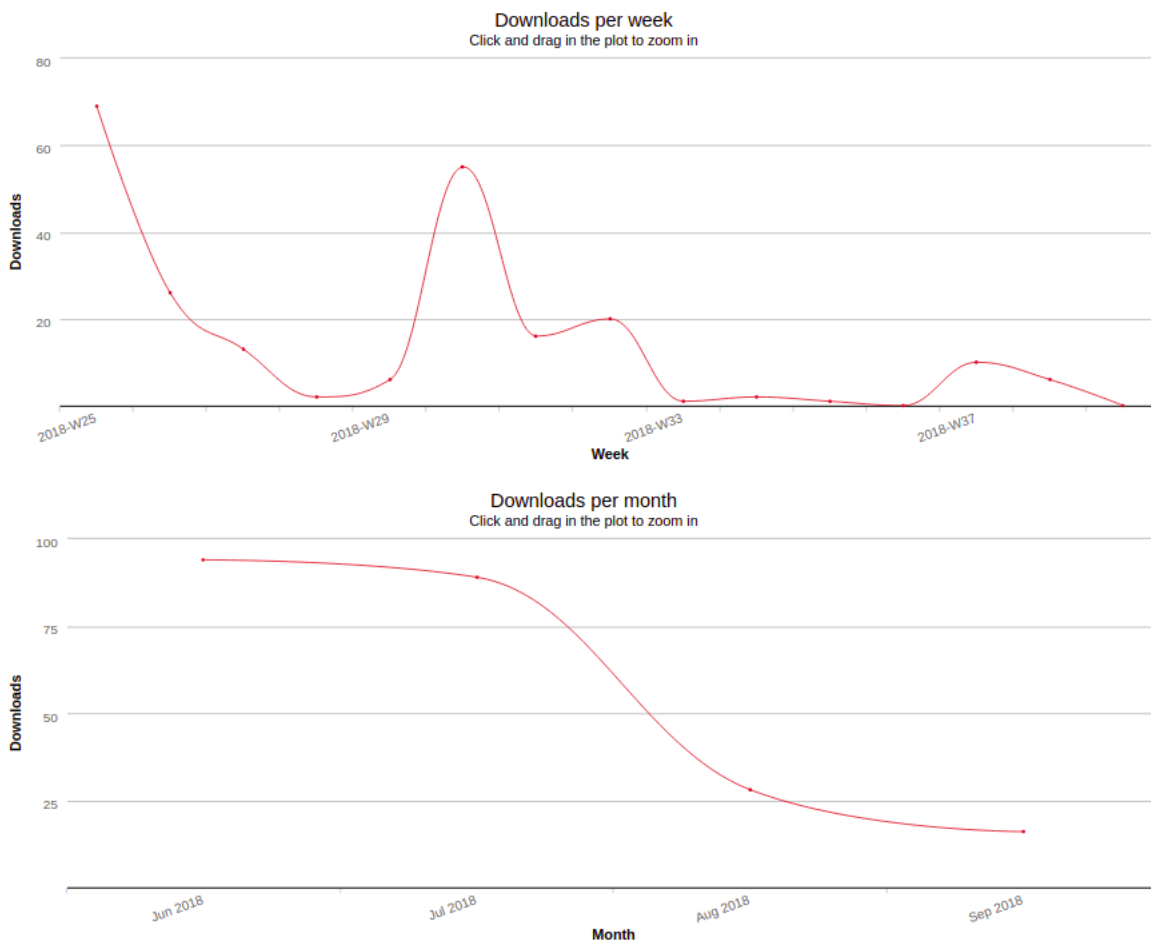
4 @atecake/builder

4.1 About

`@atecake/builder` was created on **11/09/2018** and can be found on Github
This package that helps to publish/develop javascript libraries. It simplifies build dependencies as well as makes it extremelly easy to tag releases. While it allows starting with very simple configuration, it also allows for customisation. It has built in support for multiple file types used in web-development, which helps to cut down in number of dependencies. I am currently a sole maintainer of this project. It's still in an alpha stage and I plan to add better documentation as well as improving the performance and usability.

4.2 Example usage

```
 1  const {
 2    start,
 3    devServer,
 4    when,
 5    bundle,
 6    library,
 7    configure,
 8    customise,
 9    tag,
10    tap,
11  } = require('@atecake/builder');
12
13  const pkg = require('./package.json');
14
15  start([
16    configure(),
17    when('build', [
18      bundle({ files: { input: 'src/index.js', output: pkg.main } }),
19      bundle({
20        files: { input: 'src/index.js', output: pkg.module },
21        build: { rollup: { format: 'esm' } },
22        action: Promise.resolve(),
23      }),
24      library({
25        files: { input: 'src', output: 'lib' },
26        build: { rollup: { format: 'cjs' } },
27        action: Promise.resolve(),
28      }),
29    ]),
30    when('start', [devServer()]),
31    when('tag', [tag()]),
32  ]);
```

4.3 Statistics

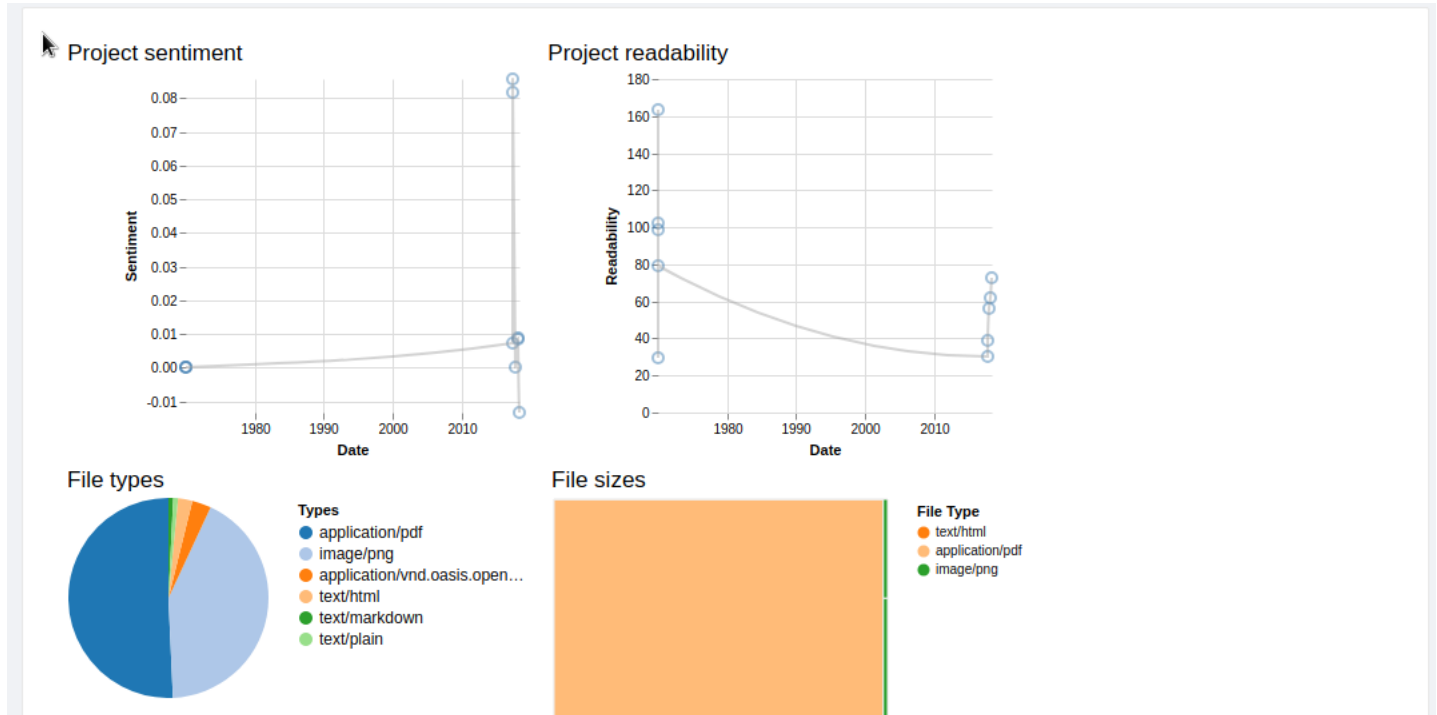Between 11/09/2018 and 26/09/2018 package has been downloaded **259** times

Downloads per day
Click and drag in the plot to zoom in

Downloads per week
Click and drag in the plot to zoom in
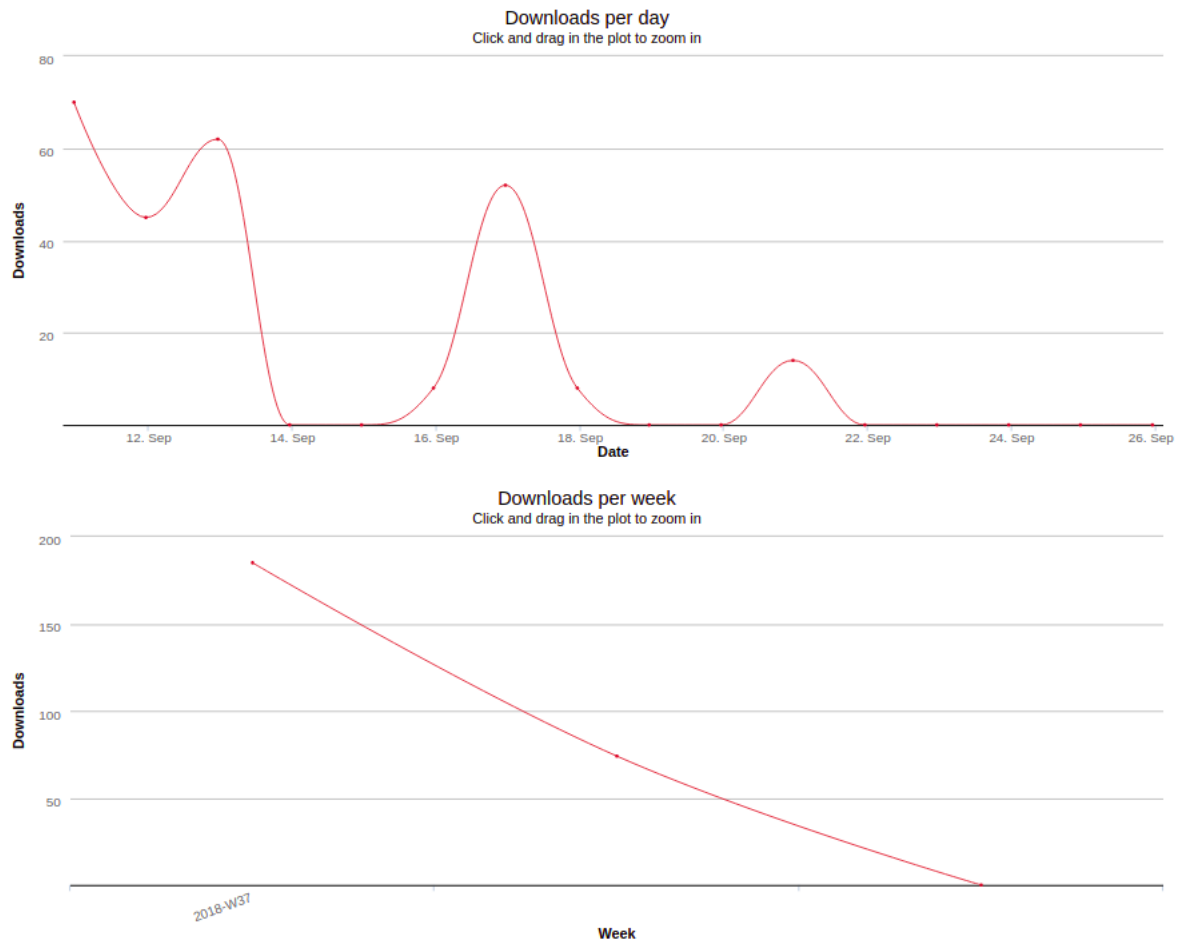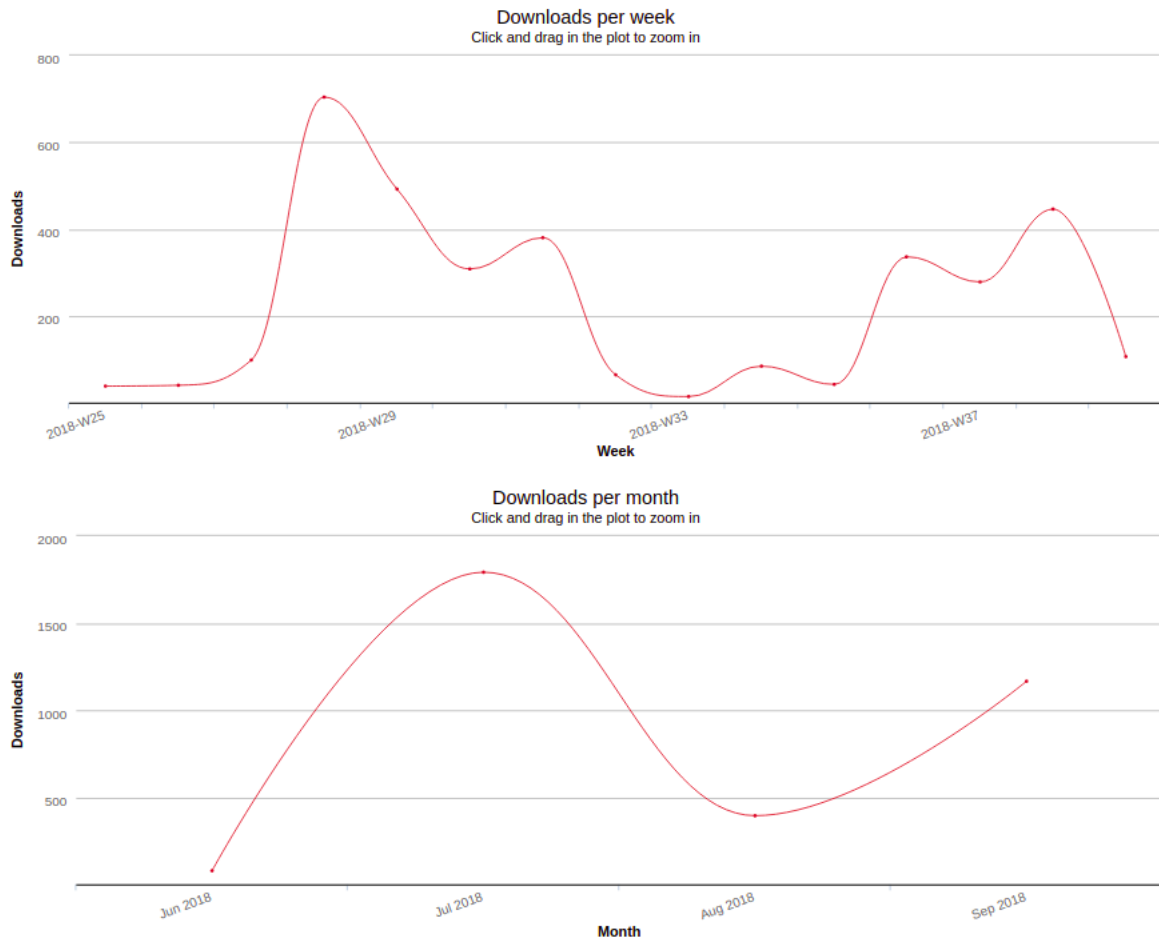
5 @spotlightdata/nanowire-extensions

5.1 About

`@spotlightdata/nanowire-extensions` was created on **19/06/2018** and can be found on Github
This is common component package built on top of ant design. Due to the way the components and helper functions are structed, the library can be re-used accross different platforms. The component seperation has allowed each part to be documented as well tested, so that the developers only need to worry about the integration of components.

5.2 Example usage

5.3   Statistics

Between 19/06/2018 and 26/09/2018 package has been downloaded **3430** times

Downloads per week
Click and drag in the plot to zoom in

Downloads per month
Click and drag in the plot to zoom in

6   @spotlightdata/es-search

6.1   About

This project was created on **06/09/2018** and can be found on Github
This package is a wrapper for comonly used searchkit components, It simplifies the usage of as well as fixes common searchkit library issues.

6.2   Example usage

6.3 Statistics

Between 06/09/2018 and 26/09/2018 package has been downloaded **972** times

Downloads per day

Click and drag in the plot to zoom in

Downloads per week

Click and drag in the plot to zoom in
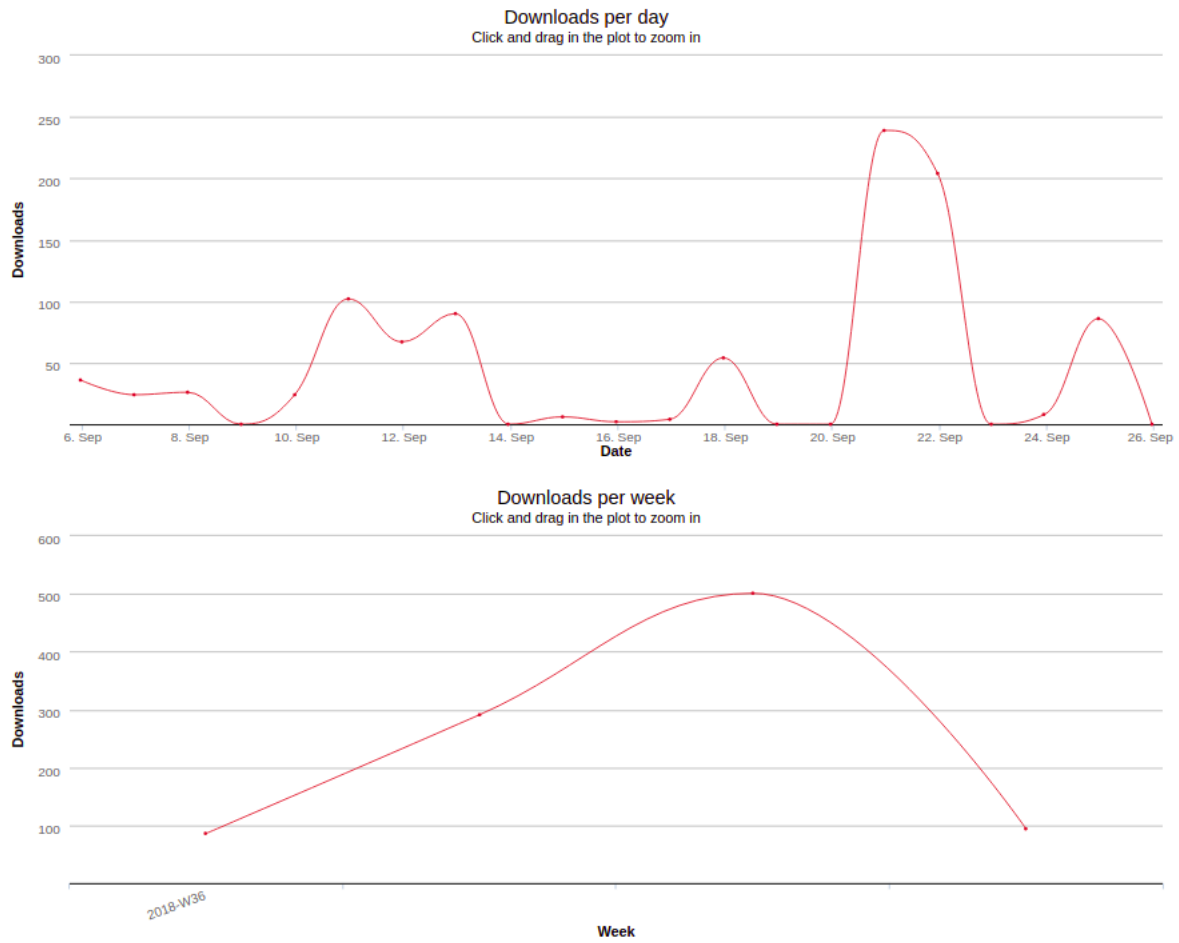
7 @spotlightdata/document-viewer

7.1 About

This package was created on **22/08/2018** and can be found on Github
This package is a fork of react-lazylog. It uses fundamentals of the forked project, however it's purpose is vastly different. It has been made to allow large files (¡ 30mb in size) to be readable and dynamically loaded in the browser. It also features a fully functional text and positional entity search. **Documentation is still work in progress**

7.2 Example usage

7.3 Statistics

Between 22/08/2018 and 26/09/2018 package has been downloaded **754** times

Downloads per day
Click and drag in the plot to zoom in

Downloads per week
Click and drag in the plot to zoom in