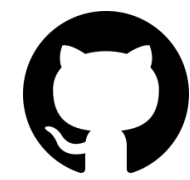


Сергей Мелюков

- Работаю в Яндекс
- Занимаюсь архитектурой
- Активно контрибьютил в webpack
- Люблю нестандартные задачи
- Автор Statoscope



@smelukov_dev



@smelukov



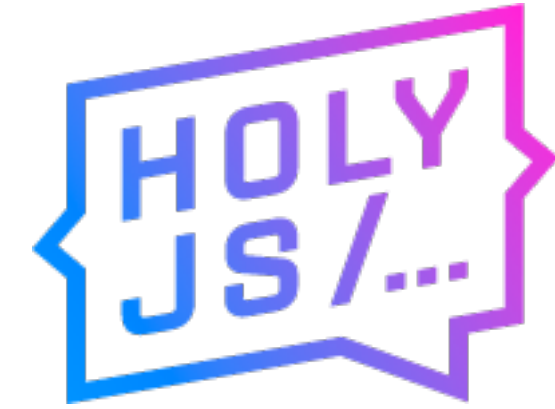
@smelukov



@smelukov_dev



Яндекс



Statoscope - курс интенсивной
терапии для вашего бандла

Statoscope – toolkit для анализа бандла

Немного истории

Немного истории

2016: первая версия

Home Assets Modules

Rempl Webpack Analyzer

Status: success

70%

Version: 1.14.0
Hash: 79f275d1e489b37d7766
Assets: 6
Modules: 105
Chunks: 1
Errors: 0
Warnings: 0

Modules

Name	Size
multi app	52.00 B
(webpack)-dev-server/client?http://localhost:8080	3.88 KB
./~/url/url.js	21.74 KB
./~/url/~punycode/punycode.js	14.31 KB
(webpack)/buildin/module.js	251.00 B
./~/querystring/index.js	127.00 B
./~/querystring/decode.js	2.34 KB
./~/querystring/encode.js	2.04 KB
./~/strip-ansi/index.js	161.00 B
./~/ansi-regex/index.js	135.00 B

Assets

Name	Size
f4769f9bdb7466be65088239c12046d1.eot	19.66 KB
448c34a56d699c29117adc64c43affeb.woff2	17.61 KB
fa2772327f55d8198301fdb8bcfc8158.woff	22.88 KB
e18bbf611f2a2e43afc071aa2f4e1512.ttf	44.34 KB
89889688147bd7575d6327160d64e760.svg	106.19 KB
app.bundle.js	2.21 MB
Total	2.41 MB

Немного истории

2016: первая версия
2017: проект заморожен

The screenshot shows the Rempl Webpack Analyzer interface. At the top, there are navigation tabs for 'Home', 'Assets', and 'Modules'. The main heading is 'Rempl Webpack Analyzer'. Below it, the status is 'success' with a green progress bar at 70%. A summary box contains the following information: Version: 1.14.0, Hash: 79f275d1e489b37d7766, Assets: 6, Modules: 105, Chunks: 1, Errors: 0, and Warnings: 0. The interface is divided into two main sections: 'Modules' and 'Assets', each with a table listing items and their sizes.

Name	Size
multi app	52.00 B
(webpack)-dev-server/client?http://localhost:8080	3.88 KB
./~/url/url.js	21.74 KB
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./~/strip-ansi/index.js	161.00 B
./~/ansi-regex/index.js	135.00 B

Name	Size
f4769f9bdb7466be65088239c12046d1.eot	19.66 KB
448c34a56d699c29117adc64c43affeb.woff2	17.61 KB
fa2772327f55d8198301fdb8bcfc8158.woff	22.88 KB
e18bbf611f2a2e43afc071aa2f4e1512.ttf	44.34 KB
89889688147bd7575d6327160d64e760.svg	106.19 KB
app.bundle.js	2.21 MB
Total	2.41 MB

Немного истории



2016: первая версия

2017: проект заморожен

– много контрибьютил в webpack

– переводил большой легаси
проект на webpack 4

– рассказывал другим о
внутренностях webpack

Немного истории



2016: первая версия

2017: проект заморожен

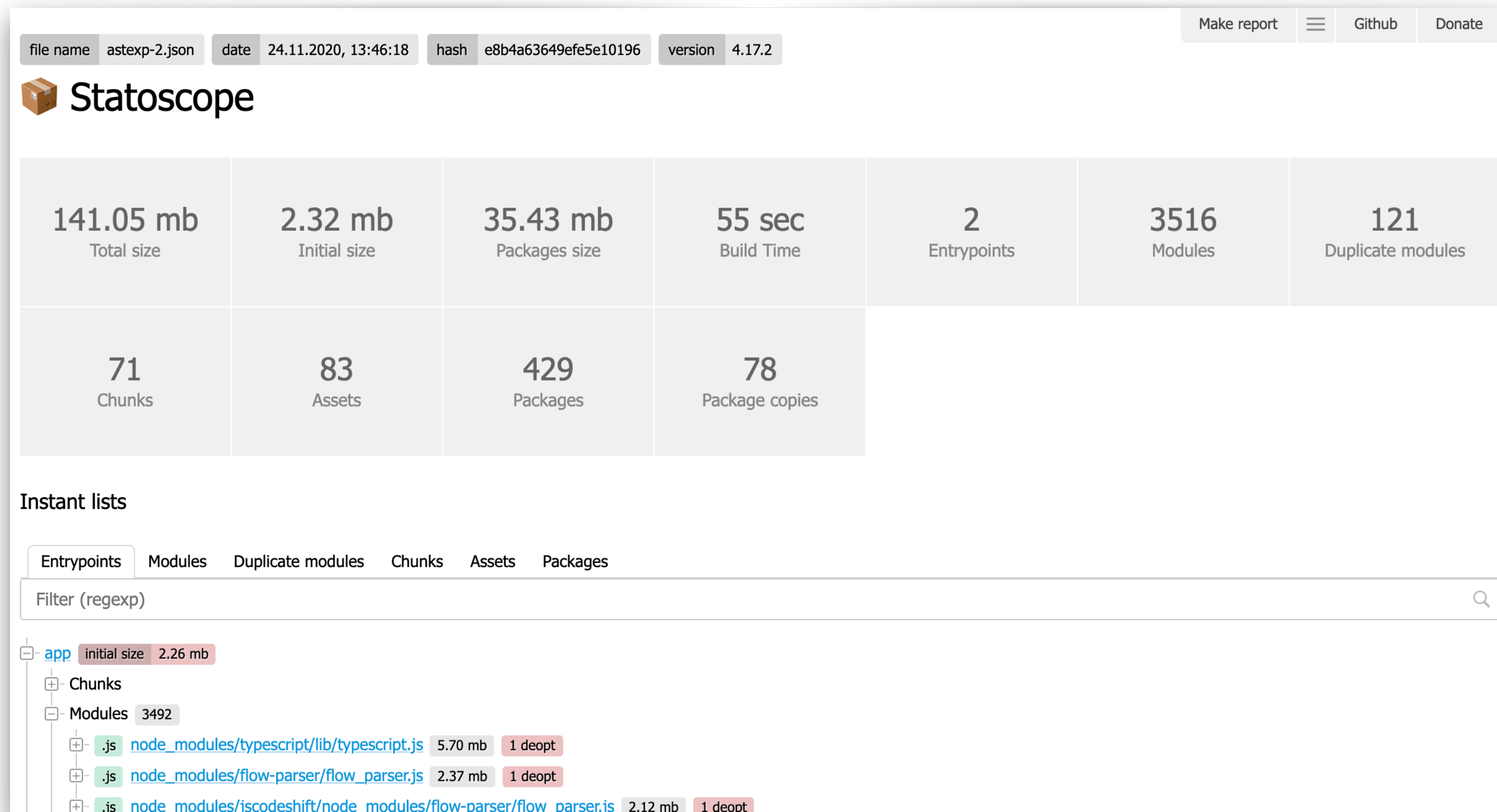
– много контрибьютил в webpack

– переводил большой легаси проект на webpack 4

– рассказывал другим о внутренностях webpack

2018: начал переделывать проект

Немного истории



2016: первая версия

2017: проект заморожен

– много контрибьютил в webpack

– переводил большой легаси

проект на webpack 4

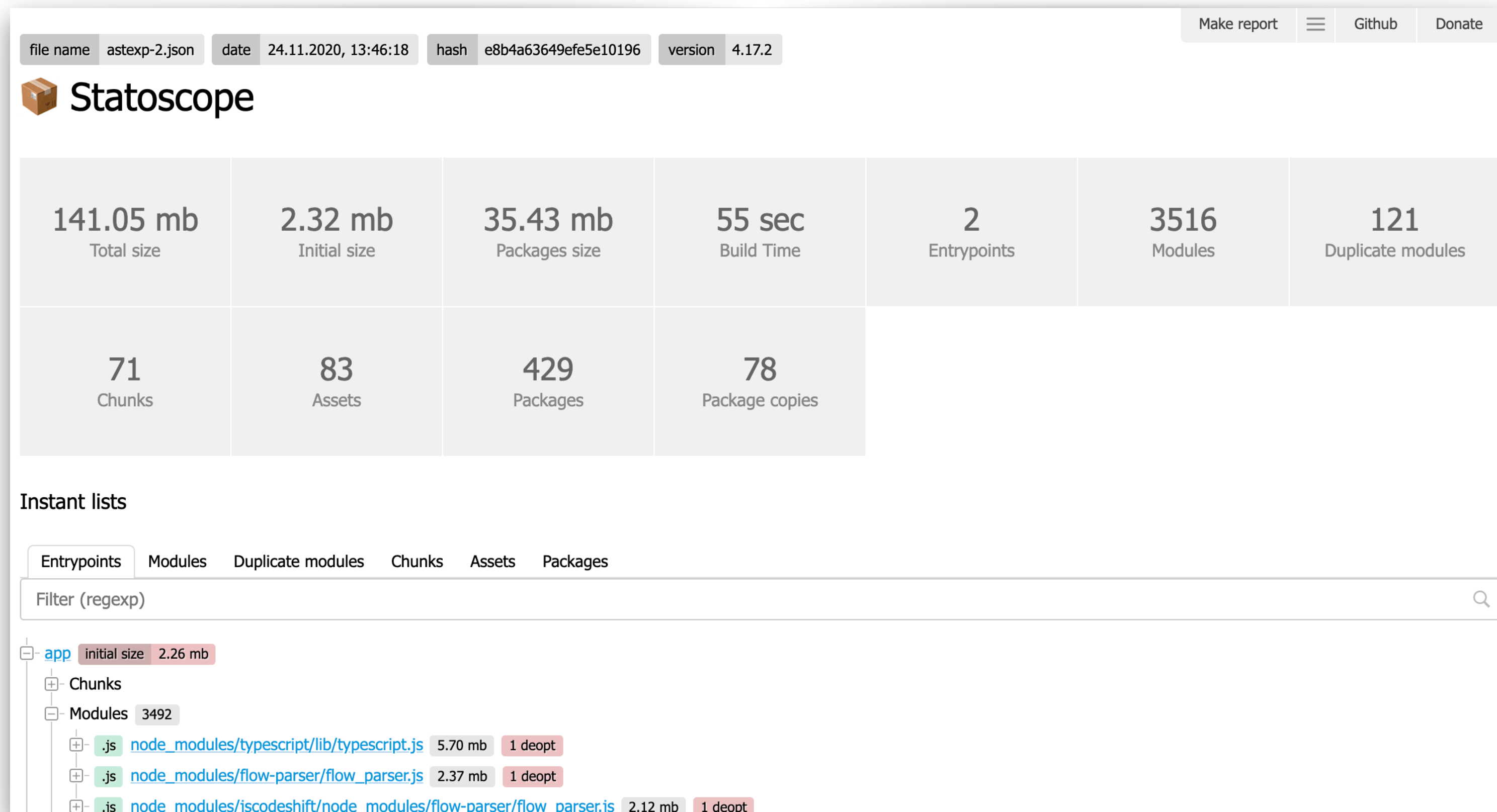
– рассказывал другим о

внутренностях webpack

2018: начал переделывать проект

2020: релиз нового Statoscope

Немного истории



2016: первая версия

2017: проект заморожен

– много контрибьютил в webpack

– переводил большой легаси

проект на webpack 4

– рассказывал другим о

внутренностях webpack

2018: начал переделывать проект

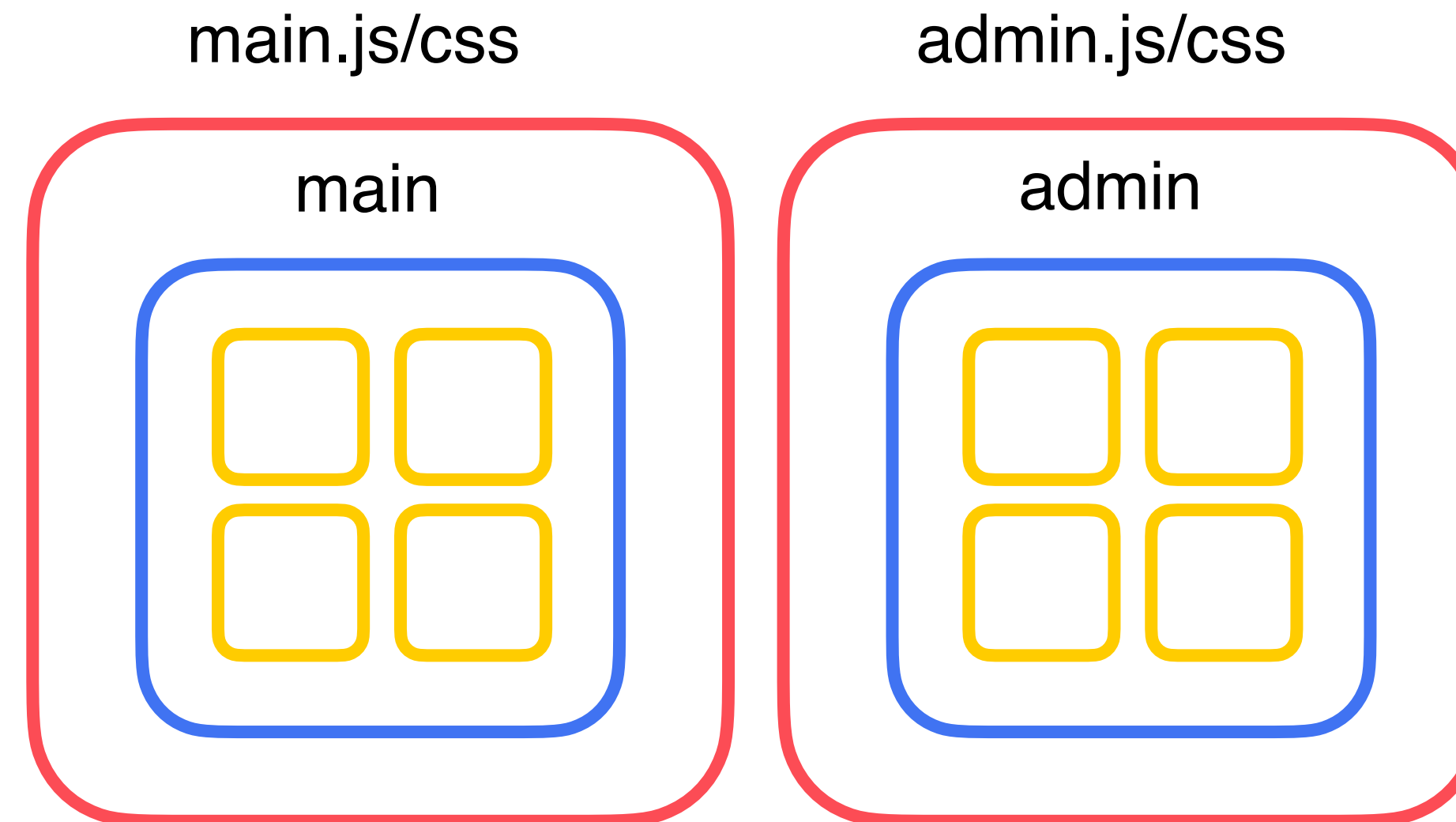
2020: релиз нового Statosope

2021: Начали использовать в Я

Анализ содержимого

Из чего состоит сборка

```
module.exports = {  
  entry: {  
    main: './main.js',  
    admin: './admin.js',  
  },  
}
```



Assets

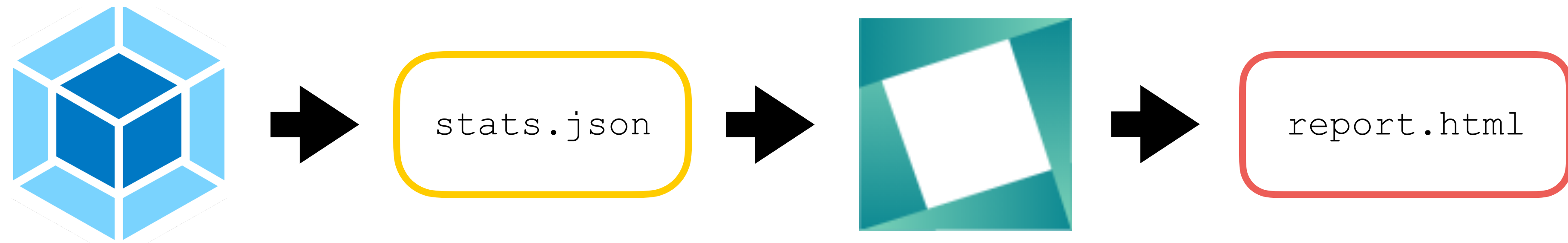
Chunks *

Modules

Как работает сборка



С чем работает Statoscope



Как получить статы

```
$ webpack --json stats.json
```

 statoscope.tech

Как получить статусы

ИЛИ



```
1 config.plugins.push(new StatoscopeWebpackPlugin());
```


stats.json



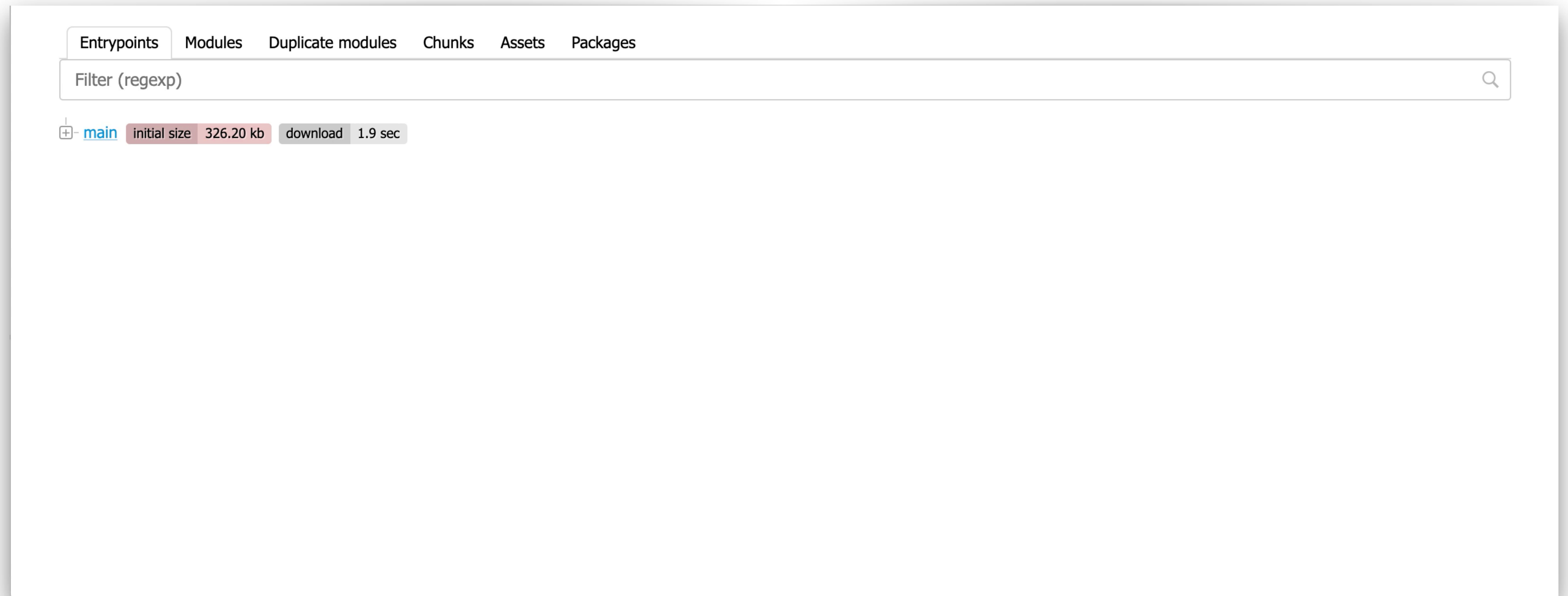
```
1 {  
2   "modules": [/*...*/],  
3   "chunks": [/*...*/],  
4   "assets": [/*...*/],  
5   "entrypoints": {/*...*/},  
6   /*...*/  
7 }
```

stats.json




```
1 {  
2   "identifier": "babel-loader!./src/index.js",  
3   "name": "./src/index.js",  
4   "reasons": [/*...*/],  
5   /*...*/  
6 }
```


Что показывает Statoscope





Детали

 [main](#) initial size 326.20 kb download 1.9 sec

 [initial](#) [main](#) parsed 1.12 mb file 326.20 kb download 1.9 sec

 [.html](#) [index.html](#) 1.46 kb download 8 ms

 [.css](#) [main.c93b682.css](#) 0.37 kb download 2 ms

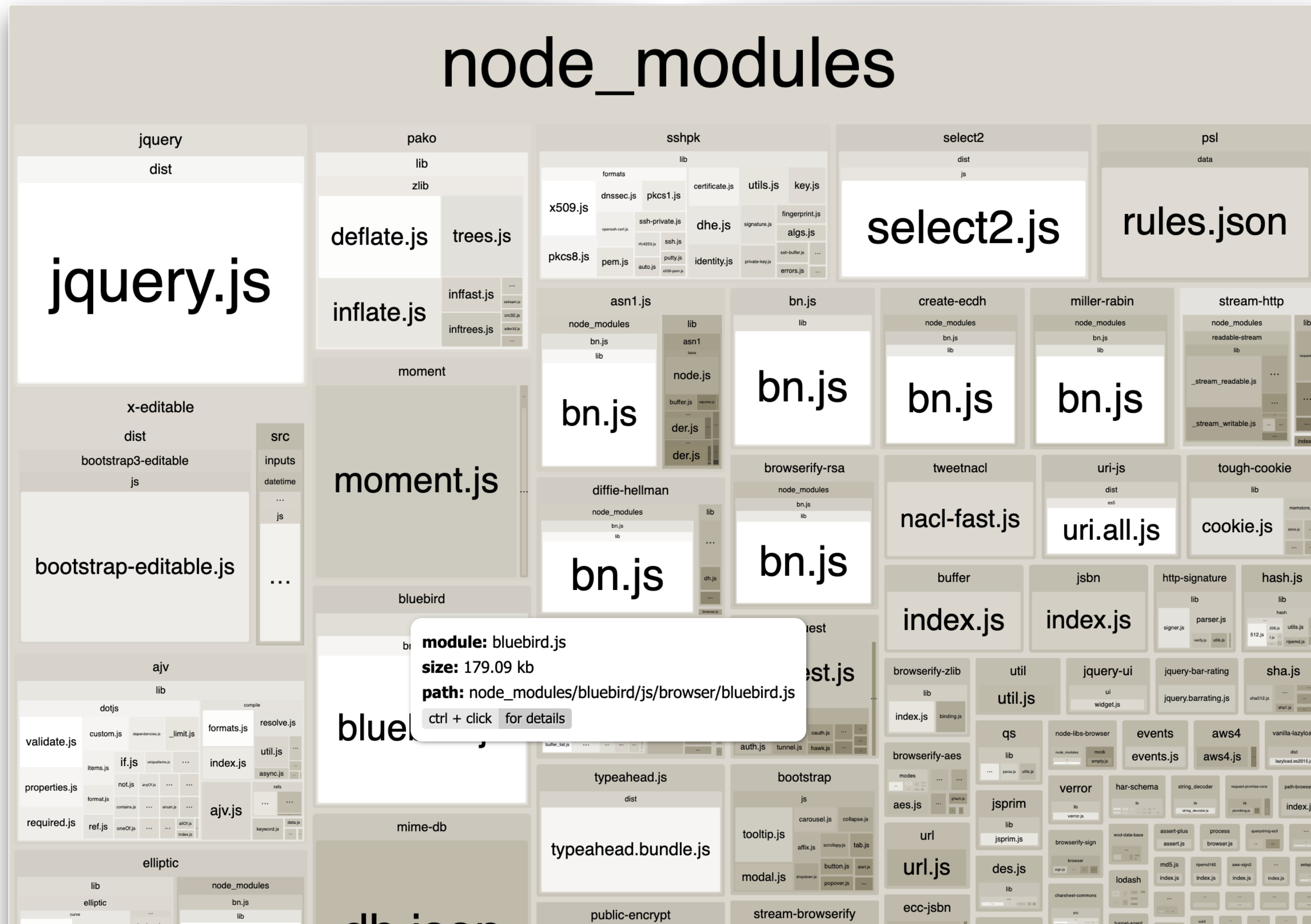
 [.js](#) [main.0fead15.js](#) 325.83 kb download 1.9 sec

Копии пакетов и их версии

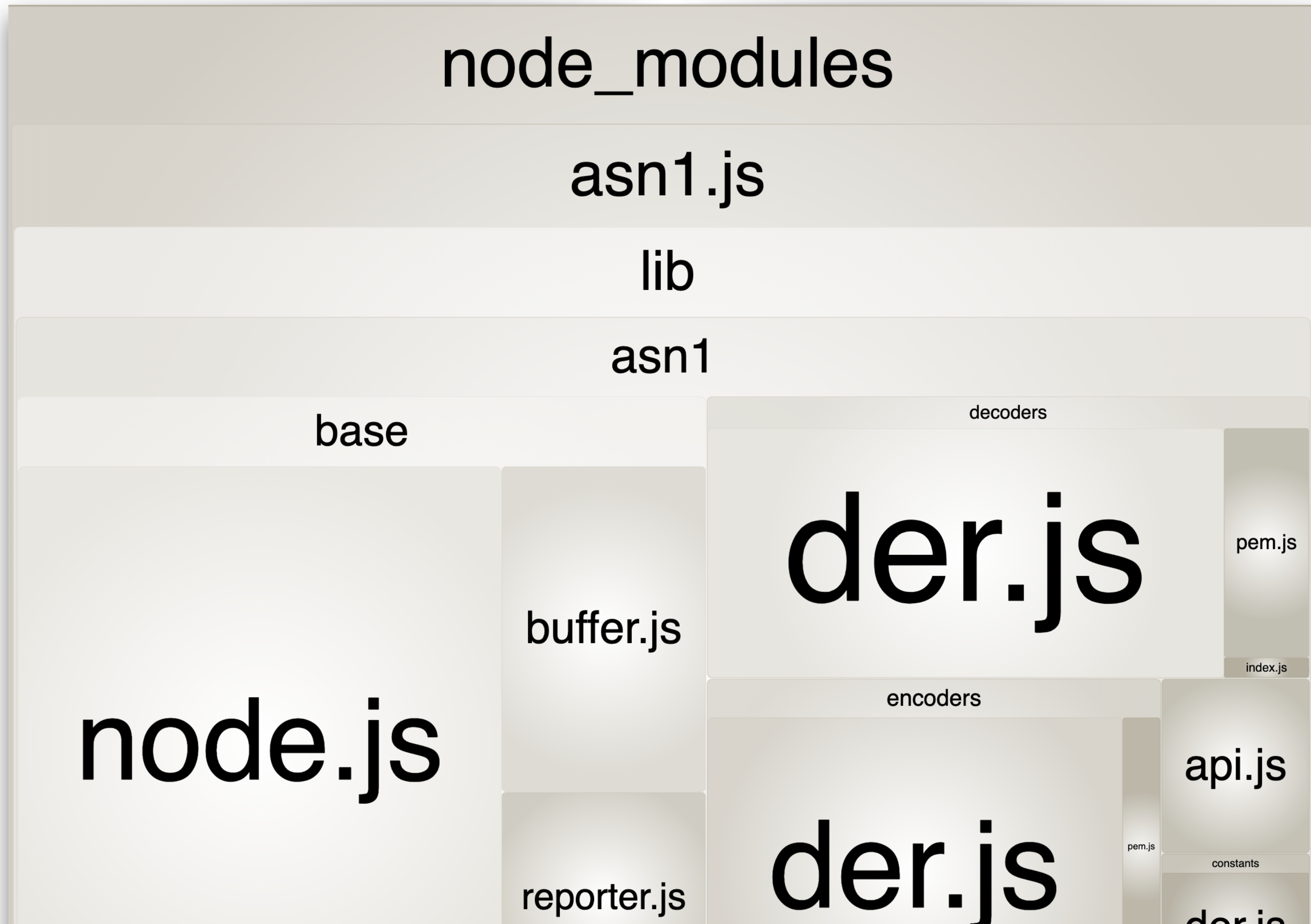
The screenshot shows a web interface with a navigation bar at the top containing tabs: "Entrypoints", "Modules", "Duplicate modules", "Chunks", "Assets", and "Packages". The "Packages" tab is selected. Below the navigation bar is a search filter labeled "Filter (regexp)". The main content area displays a list of packages, each with a collapse icon, a name, a "+1 copy" badge, a "2 versions" badge, and a list of versioned paths. The packages listed are:

- fbjs** (+1 copy, 2 versions)
 - [/place/sandbox-data/tasks/7/5/1076481357/app_src/node_modules/fbjs](#) 0.8.17
 - [/place/sandbox-data/tasks/7/5/1076481357/app_src/node_modules/draft-js/node_modules/fbjs](#) 2.0.0
- hoist-non-react-statics** (+1 copy, 2 versions)
- object-assign** (+1 copy, 2 versions)
- @babel/runtime**
- @researchgate/react-intersection-observer**
- @reshadow/core**
- @symbiote/react**
- @welldone-software/why-did-you-render**
- @yandex-int/error-counter**
- @yandex-int/mini-suggest**
- @yandex-int/rum-counter**
- @yandex-lego/detect-scripts**
- @yandex-levitan/core**
- @yandex-levitan/market**
- @yandex-market/apiary**
- @yandex-market/cia**
- @yandex-market/error**

Карта модулей



Карта модулей



Сравнение сборок

Index Make report Choose stats ▾ Github Support

Before: stats.a.dev.json (fc95ce3) 19.11.2020, 18:52:31 After: stats.b.dev.json (7699e8b) 19.11.2020, 18:52:32

Stats diff

% V

-20.93% Initial size	-20.93% Initial download	-20.93% Total size	-25.93% Build Time	-100.00% Package copies	-31.21% Packages size	-33.33% Modules
-100.00% Duplicate modules						

Assets Chunks Modules Packages Entrypoints

Filter (regexp)

Changed 2

- .js a.js -0.03 kb -56.52%
- .js index.js -0.03 kb -28.57%

Removed 3

- .js node_modules/bar/index.js -0.10 kb
- .json node_modules/bar/package.json -0.06 kb
- .js b.js -0.02 kb

Собственные отчеты

Работа с данными

Кроме встроенных отчетов,
можно составлять свои

Статы – это большой JSON.
Работа с таким JSON стоит дорого

Нужен более простой способ

Jora – язык запросов в JSON



```
const moules = [];  
  
for (const compilation of compilations) {  
  for (const module of compilation.modules) {  
    modules.push(module);  
  }  
}  
  
modules.sort((a, b) => a.name.localeCompare(b.name));
```



```
compilations.modules.sort(name)
```

Jora – язык запросов в JSON



```
// filter  
modules.[size > 1000]  
  
// map  
modules.({ module: $, size }) // [ { module: ..., size: 100 }, { module: ..., size: 200 } ]  
  
// map call  
modules.(getModuleSize(hash)).size // [ 250, 100, 78 ]
```

UI

Кроме «тупой» структуры объекта
может захотеться собственный UI

Это может быть проблематично,
т.к. нужно реализовывать UI

Нужен более простой способ

DiscoveryJS – платформа декларативного UI

The screenshot shows the DiscoveryJS web interface. At the top right, there is a 'Load data' button and a menu icon. On the left side, there is a search bar labeled 'Filter (regexp)' with a magnifying glass icon. Below the search bar is a list of components: `expand`, `h1`, `h2`, `h3`, `h4`, `h5`, `header`, `hstack`, `html`, `image-preview`, `indicator`, `inline-list`, `input`, `link`, `list`, `list-item`, `markdown`, `md`, `menu`, `menu-item`, `nav-button`, `ol`, `page-header`, and `pill-badge`. The search bar contains the text 'indicator'. The main content area displays the search results for 'indicator'. The first result is titled 'indicator' and shows a preview of a UI element: a large number '1234' in a grey box with the word 'Label' underneath. Below the preview are three tabs: 'Config (JS)', 'Config (JSON)', and 'HTML'. The 'Config (JS)' tab is selected, showing the following code:

```
1 {  
2   view: 'indicator',  
3   data: {  
4     label: 'Label',  
5     value: '1234'  
6   }  
7 }
```

The second result is titled 'Indicator as link' and shows a preview of a UI element: a large number '4321' in a grey box with the word 'Label' underneath. Below the preview are three tabs: 'Config (JS)', 'Config (JSON)', and 'HTML'. The 'Config (JS)' tab is selected, showing the following code:

```
1 {  
2   view: 'indicator',  
3   data: {  
4     label: 'Label',
```

DiscoveryJS – платформа декларативного UI

```
Config (JS)  Config (JSON)  HTML
1  {
2      view: 'indicator',
3      data: {
4          label: 'Label',
5          value: '1234'
6      }
7  }
```


Собираем все вместе

The screenshot shows the GraphQL Playground interface. At the top right, there are links for 'Index', 'Github', and 'Support'. The main title is 'The biggest modules' with a subtitle 'View built at 17.09.2021 14:11:37'. Below the title is a code editor containing a GraphQL query:

```
compilations.(
  $compilation: $;
  modules.({
    module: $,
    hash: $compilation.hash,
    size: getModuleSize($compilation.hash).size
  })
).sort(size desc)
```

 Below the query is a note: 'Use [jora](#) 1.0.0-beta.5 syntax for queries'. To the right of the query is a checkbox 'process on input' and a 'Process' button. Below the query is a 'Data:' section showing 'Array (5916 elements) in 194ms'. Below the data is a 'View:' section with tabs for 'Default', 'Custom', 'Table', 'Auto-link list', and 'Signature'. Below the view is a code editor showing a JSON object:

```
{
  view: 'list',
  item: 'module-item'
}
```

 Below the view is a 'Build' section with a checkbox 'build on input' and a 'Build' button. Below the build section is a list of modules with their sizes:

- .graphql ../../libs/journey-orchestration/src/__GQL__/journey-orchestration.graphql 624.43 kb
- .js ../../node_modules/.pnpm/pdfjs-dist@2.5.207/node_modules/pdfjs-dist/build/pdf.js 360.04 kb
- .js ../../node_modules/.pnpm/@graphql-tools+utils@6.2.4_graphql@15.3.0/node_modules/@graphql-tools/utils/index.esm.js 158.24 kb
- .ts ../../libs/checkout/bookslot-data-access/src/index.ts 147.16 kb +5 modules
- .js ../../node_modules/.pnpm/jszip@3.6.0/node_modules/jszip/dist/jszip.min.js 96.79 kb
- .js ../../node_modules/.pnpm/msw@0.21.2/node_modules/msw/lib/esm/graphql.js 87.72 kb
- ../../libs/checkout/review-order-page/src/lib/ 76.44 kb
- .js ../../node_modules/.pnpm/msw@0.21.2/node_modules/msw/lib/esm/rest-deps.js 42.45 kb
- .tsx ../../libs/cart/data-access/src/lib/hooks/panel-cart-context.tsx 41.75 kb
- .mjs ../../node_modules/.pnpm/graphql@15.3.0/node_modules/graphql/language/parser.mjs 40.09 kb
- .ts ../../libs/item/data-hooks/src/lib/item-data-hooks.ts 38.85 kb
- .js ../../node_modules/.pnpm/react-dom@17.0.2_react@17.0.2/node_modules/react-dom/cjs/react-dom.production.min.js 38.07 kb
- .js ../../node_modules/.pnpm/@graphql-tools+schema@6.2.4_graphql@15.3.0/node_modules/@graphql-tools/schema/index.esm.js 36.26 kb
- .tsx pages/orders/[orderId]/index.tsx 35.38 kb +83 modules

Делимся с коллегами

The biggest modules

View built at 17.09.2021 17:02:00



<code>.graphql</code>	<code>../../libs/journey-orchestration/src/__GQL__/journey-orchestration.graphql</code>	624.43 kb
<code>.js</code>	<code>../../node_modules/.pnpm/pdfjs-dist@2.5.207/node_modules/pdfjs-dist/build/pdf.js</code>	360.04 kb
<code>.js</code>	<code>../../node_modules/.pnpm/@graphql-tools+utils@6.2.4_graphql@15.3.0/node_modules/@graphql-tools/utils/index.esm.js</code>	158.24 kb
<code>.ts</code>	<code>../../libs/checkout/bookslot-data-access/src/index.ts</code>	147.16 kb +5 modules
<code>.js</code>	<code>../../node_modules/.pnpm/jszip@3.6.0/node_modules/jszip/dist/jszip.min.js</code>	96.79 kb
<code>.js</code>	<code>../../node_modules/.pnpm/msw@0.21.2/node_modules/msw/lib/esm/graphql.js</code>	87.72 kb
	<code>../../libs/checkout/review-order-page/src/lib/</code>	76.44 kb
<code>.js</code>	<code>../../node_modules/.pnpm/msw@0.21.2/node_modules/msw/lib/esm/rest-deps.js</code>	42.45 kb
<code>.tsx</code>	<code>../../libs/cart/data-access/src/lib/hooks/panel-cart-context.tsx</code>	41.75 kb
<code>.mjs</code>	<code>../../node_modules/.pnpm/graphql@15.3.0/node_modules/graphql/language/parser.mjs</code>	40.09 kb
<code>.ts</code>	<code>../../libs/item/data-hooks/src/lib/item-data-hooks.ts</code>	38.85 kb
<code>.js</code>	<code>../../node_modules/.pnpm/react-dom@17.0.2_react@17.0.2/node_modules/react-dom/cjs/react-dom.production.min.js</code>	38.07 kb
<code>.js</code>	<code>../../node_modules/.pnpm/@graphql-tools+schema@6.2.4_graphql@15.3.0/node_modules/@graphql-tools/schema/index.esm.js</code>	36.26 kb
<code>.tsx</code>	<code>pages/orders/[orderId]/index.tsx</code>	35.38 kb +83 modules
<code>.mjs</code>	<code>../../node_modules/.pnpm/graphql@15.3.0/node_modules/graphql/type/definition.mjs</code>	34.83 kb
<code>.tsx</code>	<code>pages/thankyou.tsx</code>	33.38 kb +67 modules
<code>.tsx</code>	<code>../../libs/item/detail-page/src/lib/detail-page.tsx</code>	32.32 kb
<code>.tsx</code>	<code>../../libs/item/detail-page/src/lib/detail-page.tsx</code>	30.76 kb +17 modules
<code>.js</code>	<code>../../node_modules/.pnpm/next@11.1.0_80b733b98162d9f3e74476e3b770d82d/node_modules/next/dist/build/polyfills/polyfill-nomodule.js</code>	30.39 kb
<code>.mjs</code>	<code>../../node_modules/.pnpm/graphql@15.3.0/node_modules/graphql/execution/execute.mjs</code>	29.53 kb
<code>.tsx</code>	<code>../../libs/checkout/review-order-page/src/lib/review-order-body-dweb.tsx</code>	29.43 kb
<code>.tsx</code>	<code>../../libs/checkout/bookslot/src/lib/bookslot-content.tsx</code>	29.14 kb +54 modules
<code>.js</code>	<code>../../node_modules/.pnpm/msw@0.21.2/node_modules/msw/lib/esm/index.js</code>	28.45 kb
<code>.tsx</code>	<code>../../libs/item/detail-page/src/lib/product-tempo-container.tsx</code>	27.94 kb
<code>.ts</code>	<code>../../libs/checkout/buy-now/src/index.ts</code>	27.84 kb +71 modules

Show 25 more...

Show all the rest 5891 items...

Можно «зашивать» прямо в UI

```
1 new StascopeWebpackPlugin({
2   reports: [
3     {
4       id: 'top-20-biggest-modules',
5       name: 'Top 20 biggest modules',
6       data: { some: { custom: 'data' } }, // or () => fetchAsyncData()
7       view: [
8         {
9           data: `#.stats.compilations.(
10            $compilation: $;
11            modules.({
12              module: $,
13              hash: $compilation.hash,
14              size: getModuleSize($compilation.hash)
15            })
16            ).sort(size.size desc)[:20]`,
17          view: 'list',
18          item: 'module-item',
19        },
20      ],
21    },
22  ],
23 });
```


Make report Custom reports ▼ Cho

- [Top 20 biggest modules](#) demo-stats.js
- [Report with a chart](#) demo-stats.js
- [Report view can be a script](#) demo-stats.js

Top 20 biggest modules

.js	node_modules/@statoscope/webpack-ui/dist/main.js	469.74 kb	
.js	src/index.js	7.61 kb	
.js	src/index.js	3.64 kb	+3 modules
.js	src/reader.js	3.45 kb	
.js	node_modules/@discoveryjs/json-ext/src/parse-chunked.js	3.20 kb	
.js	src/multipleReader.js	2.08 kb	
.js	node_modules/@discoveryjs/json-ext/src/stringify-info.js	1.72 kb	
.html	src/index.html	1.59 kb	
.js	node_modules/@discoveryjs/json-ext/src/utils.js	1.02 kb	
.css	src/splash.css	0.84 kb	
.js	node_modules/css-loader/dist/runtime/api.js	0.65 kb	
.js	node_modules/@wdxlab/events/dist/es6/main.js	0.64 kb	
.css	src/splash.css	0.53 kb	
	webpack/runtime/require chunk loading	0.22 kb	

Валидация



установить CLI

```
npm install -g @statoscope/cli
```

установить плагин для валидации webpack-сборки

```
npm install -D @statoscope/stats-validator-plugin-webpack
```




```
module.exports = {
  validate: {
    // использовать плагин с правилами для webpack-сборок
    plugins: ['@statoscope/webpack'],
    reporters: [
      // репортер для вывода результатов в консоль
      '@statoscope/console',
      // репортер для генерирования UI-отчета
      ['@statoscope/stats-report', {open: true}],
    ],
    rules: {
      // время сборки ухудшилось не более чем на 10 сек
      '@statoscope/webpack/build-time-limits': ['error', {global: 10000}],
      // любые другие правила
    }
  }
}
```

Запускаем валидацию

```
$ statoscope validate --input ./stats.json
```

```
error Usage of ./node_modules/css-tree/package.json was increased from 1 to 3 webpack/diff-deprecated-modules
error Usage of ./node_modules/css-tree/lib/definition-syntax/SyntaxError.js was increased from 0 to 2 webpack/diff-deprecated-modules
error Usage of ./node_modules/css-tree/lib/definition-syntax/parse.js was increased from 0 to 3 webpack/diff-deprecated-modules
error Usage of ./node_modules/css-tree/lib/tokenizer/const.js was increased from 3 to 4 webpack/diff-deprecated-modules
error Usage of ./node_modules/css-tree/lib/definition-syntax/generate.js was increased from 0 to 3 webpack/diff-deprecated-modules
error Usage of ./node_modules/css-tree/lib/tokenizer/index.js was increased from 49 to 63 webpack/diff-deprecated-modules
error Usage of lodash was increased from 801 to 865 webpack/diff-deprecated-packages
error Usage of lodash.isEqual was increased from 1 to 2 webpack/diff-deprecated-packages
error Usage of lodash.uniq was increased from 0 to 1 webpack/diff-deprecated-packages
```

```
224 problems (224 errors, 0 warnings)
```

```
Preparing data for Statoscope report...
```

```
Generating Statoscope report...
```

Запускаем валидацию

```
$ statoscope validate --input ./input.json --reference ./reference.json
```

- `input` - текущие статьи
- `reference` - предыдущие статьи

Изучаем отчет

[Index](#)[Make report](#)[Choose stats ▼](#)[Diff](#)[Github](#)[Support](#)

Validation messages



- [-] [webpack/entry-download-size-limits](#)
- [-] [webpack/entry-download-time-limits](#)
- [-] [webpack/no-packages-dups](#)
 - [-] [Package source-map has 10 instances](#)
 - [-] [package](#)
 - [-] [package-instance](#)
 - [-] [node_modules/source-map](#) ⚠
 - [-] [node_modules/babel5/node_modules/source-map](#) ⚠
 - [-] [node_modules/css-tree/node_modules/source-map](#) ⚠
 - [-] [node_modules/babel-core/node_modules/source-map](#) ⚠
 - [-] [node_modules/@babel/core/node_modules/source-map](#) ⚠
 - [-] [node_modules/regenerator/node_modules/source-map](#) ⚠
 - [-] [node_modules/postcss-less/node_modules/source-map](#) ⚠
 - [-] [node_modules/babel-eslint8/node_modules/source-map](#) ⚠
 - [-] [node_modules/babel-generator/node_modules/source-map](#) ⚠
 - [-] [node_modules/@babel/generator/node_modules/source-map](#) ⚠
 - [-] [Package debug has 7 instances](#)
 - [-] [Package globals has 7 instances](#)
 - [-] [Package babylon has 5 instances](#)
 - [-] [Package supports-color has 5 instances](#)
 - [-] [Package acorn has 4 instances](#)
 - [-] [Package ansi-styles has 4 instances](#)
 - [-] [Package chalk has 4 instances](#)

Запросы в статьи

Использование данных из статос



Запрос в статы

```
$ statoscope query -q "compilations.modules.size()" -i stats.json
```

```
> 30
```

Запрос в статьи

```
$ cat query.jora | statoscope query -i stats.json > result.json
```

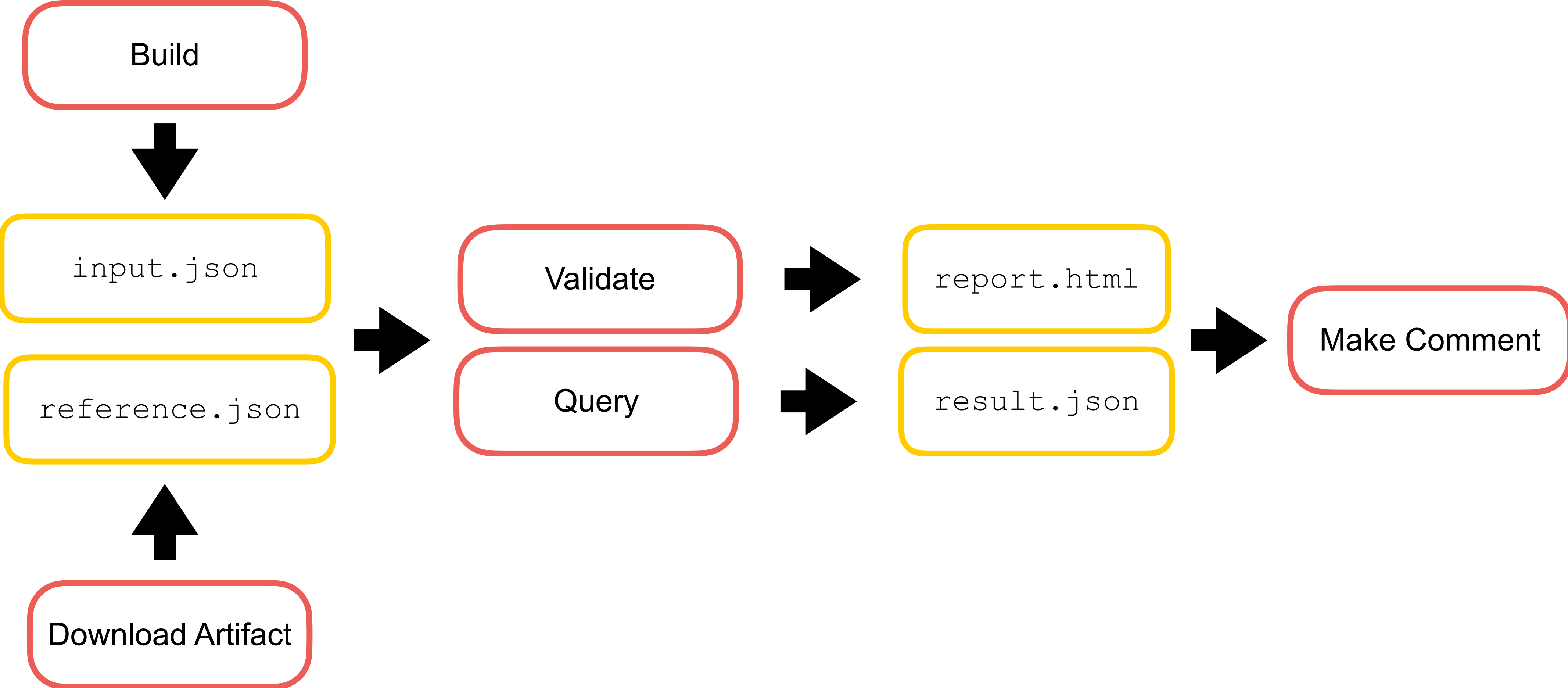

CI - Собираем все вместе

на примере интеграции в GitHub

КОММИТЫ В master



КОММИТЫ В PR



`comment_text = data + template`

Запрос для query



```
1 // variables
2 $after: resolveInputFile();
3 $inputCompilation: $after.compilations.pick();
4 $before: resolveReferenceFile();
5 $referenceCompilation: $before.compilations.pick();
6
7 // helpers
8 $getSizeByChunks: => files.(getAssetSize($$, true)).reduce(=> size + $$, 0);
9
10 // output
11 {
12   buildTime: {
13     $after: $inputCompilation.time;
14     $before: $referenceCompilation.time;
15     $after,
16     $before,
17     diff: {
18       value: $after - $before,
19       formatted: { type: 'time', a: $before, b: $after } | formatDiff() + ` (${b.percentFrom(a, 2)}%)`,
20     }
21   },
22   initialSize: {
23     $after: $inputCompilation.chunks.$getSizeByChunks($inputCompilation.hash);
24     $before: $referenceCompilation.chunks.$getSizeByChunks($referenceCompilation.hash);
25   }
26 }
```

Шаблон для комментария



```
1 **📦 Statoscope quick diff with main-branch:**  
2  
3 **🕒 Build time:** {{buildTime.diff.formatted}}  
4  
5 **⚖️ Initial size:** {{initialSize.diff.formatted}}  
6  
7 **👮 Validation errors:** {{validation.total}}  
8  
9 Full Statoscope report could be found [here ↗]({{downloadLink}})
```

Результат



github-actions bot commented 1 hour ago



 **Statoscope quick diff with main-branch:**

 **Build time:** 3.5 sec (15.04%)

 **Initial size:** 53.30 kb (10%)

 **Validation errors:** 12

Full report could be find [here](#) 

Результат



Some checks were not successful

[Hide all checks](#)

3 successful and 1 failing checks



CI / install (pull_request) Successful in 31s

[Details](#)



CI / statoscope (pull_request) Failing after 57s — statoscope

[Details](#)



CI / lint (pull_request) Successful in 14s

[Details](#)



Vercel — Deployment has completed

[Details](#)



This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Подробнее в репозитории
[statoscope/statoscope.tech](https://github.com/statoscope/statoscope.tech)

Планы

Планы

- Свой формат статос
- Расширяемый UI
- Поддержка других сборщиков (отвязка от webpack)
- GitHub Action
- Портал с документацией
- Поддержка rempl
- Анализ конфига сборщика
- Рекомендации по оптимизации сборки
- Редизайн (спасибо Даниле Авдошину) *
- Рейтинг сборок

Statoscope

Dashboard

Entrypoints →

Modules →

Duplicate Modules →

Chunks →

Assets →

Packages →

Instant search over modules, chunks, assets and etc...

Create a sharable report ↗

browser.statoscope.master ↓

Summary

browser.statoscope.branch ↓



Statoscope Score

↑ +6 (+10.34%)

[Learn More ↗](#)

Bundle Size

Total Size

314.25 Kb

↓ -12.42 Kb (-10.9%)

Initial size

314.25 Kb

↓ -12.42 Kb (-10.9%)

Initial download time

12 ms

↓ -4 ms (-5.2%)

Build Time 16.2 s ↓ -0.30 s (-1%)

Modules 20 ↑ +2 (+5%)

Packages 3 ↑ +1 (+50%)

Entrypoints 1 ↓ -1 (-50%)

Chunks 1 ↓ -1 (-50%)

Assets 3

Saved Reports

Untitled report #3

Last edited 1 minutes ago

[Browse ↗](#)

[Remove](#) 🗑️

Untitled report #2

Last edited 3 minutes ago

[Browse ↗](#)

[Remove](#) 🗑️

Untitled report #1

Last edited Jun 7 22:30

[Browse ↗](#)

[Remove](#) 🗑️

Score Optimizations

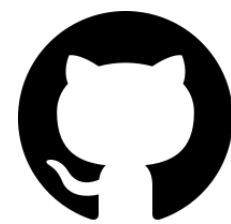
Call to action

- Попробуйте statoscope.tech
- Попробуйте [@statoscope/webpack-plugin](https://github.com/statoscope/webpack-plugin) *
- Попробуйте [@statoscope/cli](https://github.com/statoscope/cli)
- Делитесь фидбеком, задавайте вопросы
- Познакомьтесь с [Jora](#)
- Познакомьтесь с [DiscoveryJS](#)
- Напишите свой отчет
- Напишите свое правило валидации
- Напишите свое расширение *
- Приносите свои PR/Issue
- Поставьте звездочку на [GitHub](#) (мне будет приятно 😊)

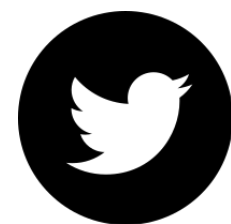
Спасибо за внимание



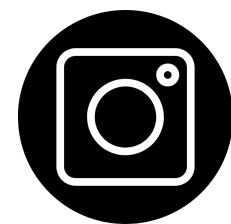
[@smelukov_dev](#)



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