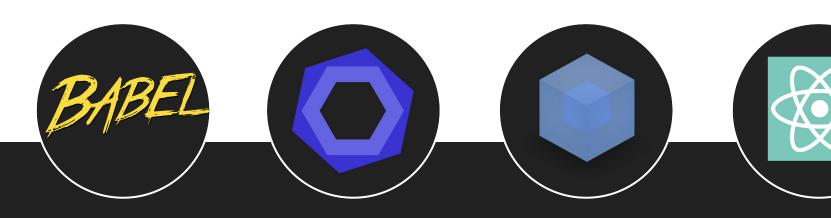


Picanteverde (aka Alejandro Hernández)

Tools!



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Pluggable linting, best practices, programing styles, and guidelines

webpack

Pluggable module bundler, loaders & tools.

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React dev Tools



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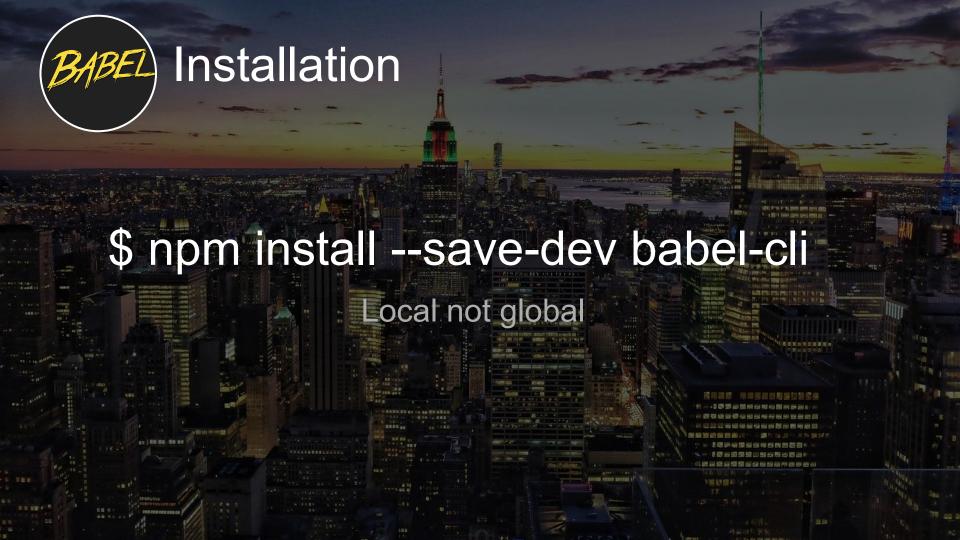
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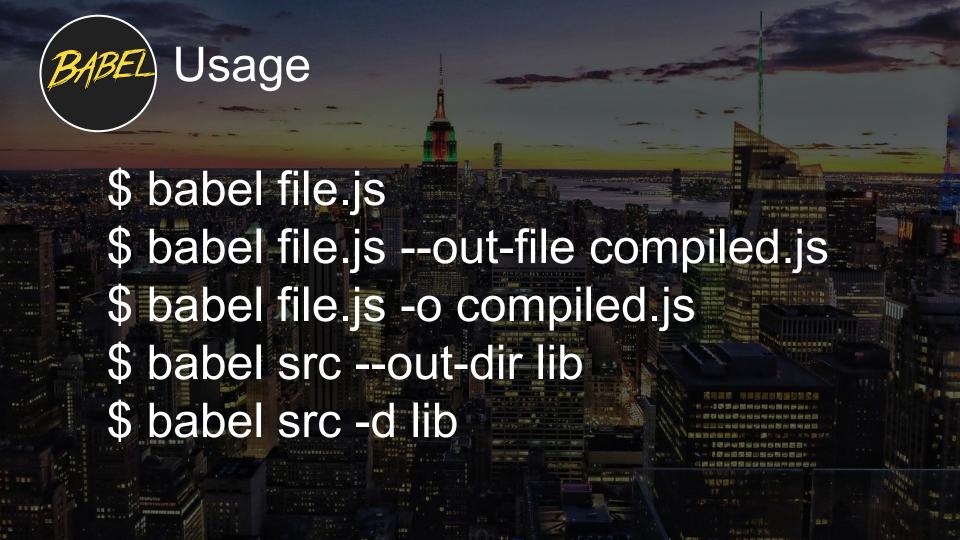
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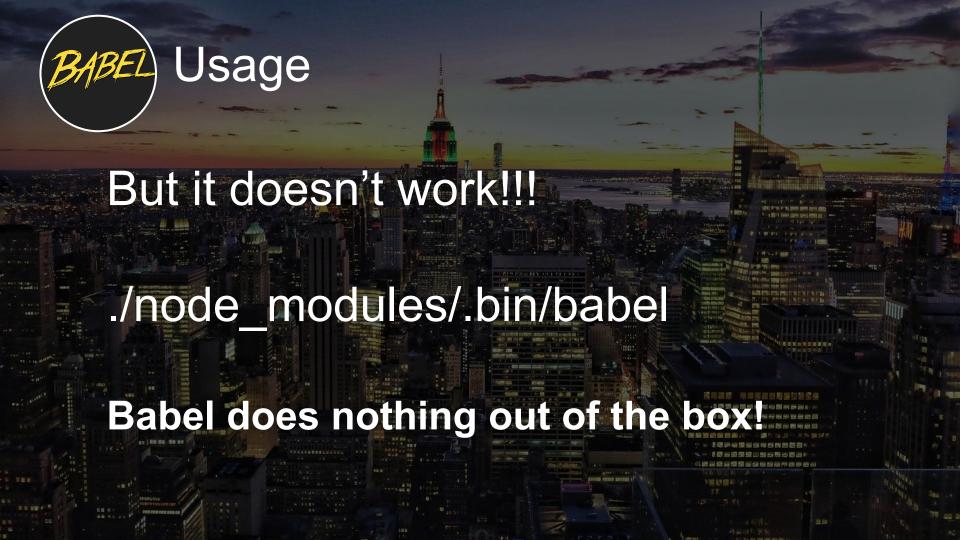
Compiling to Javascript

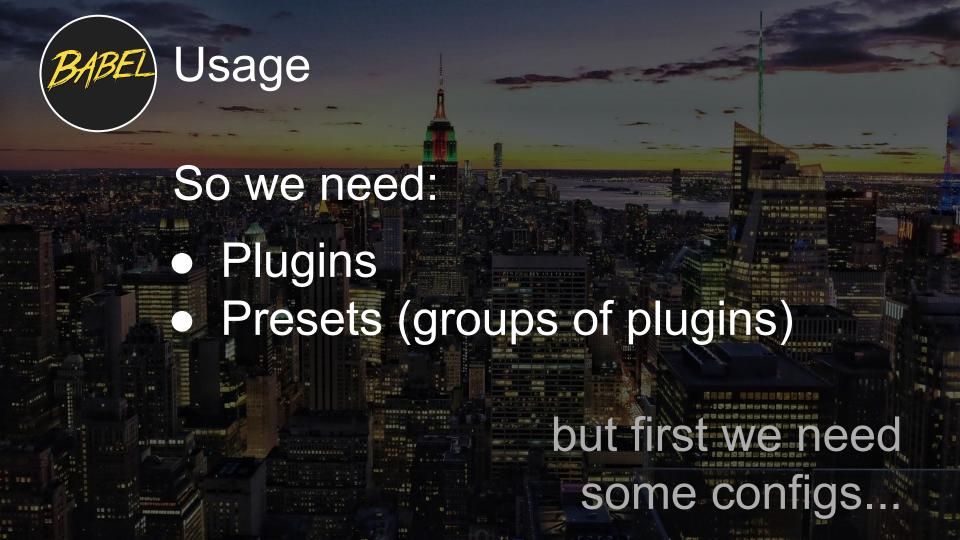


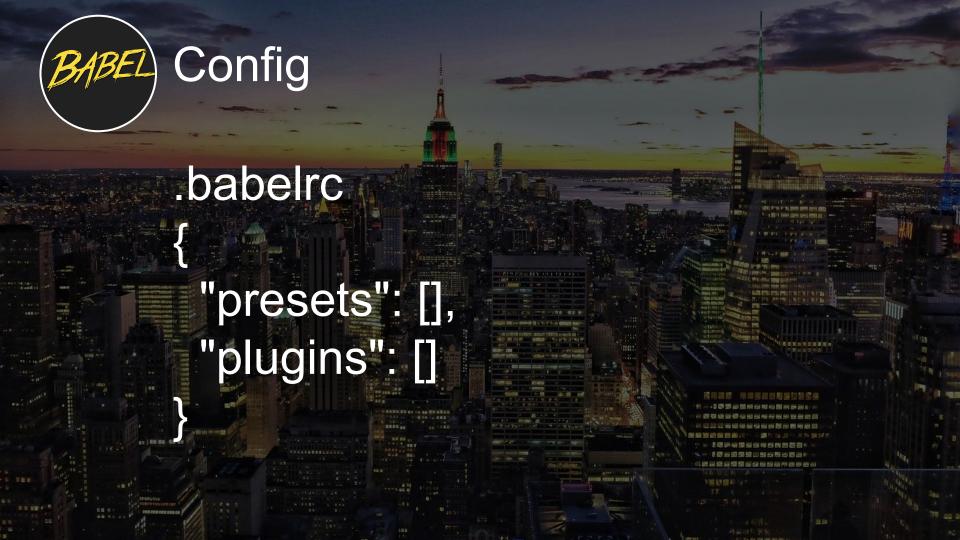


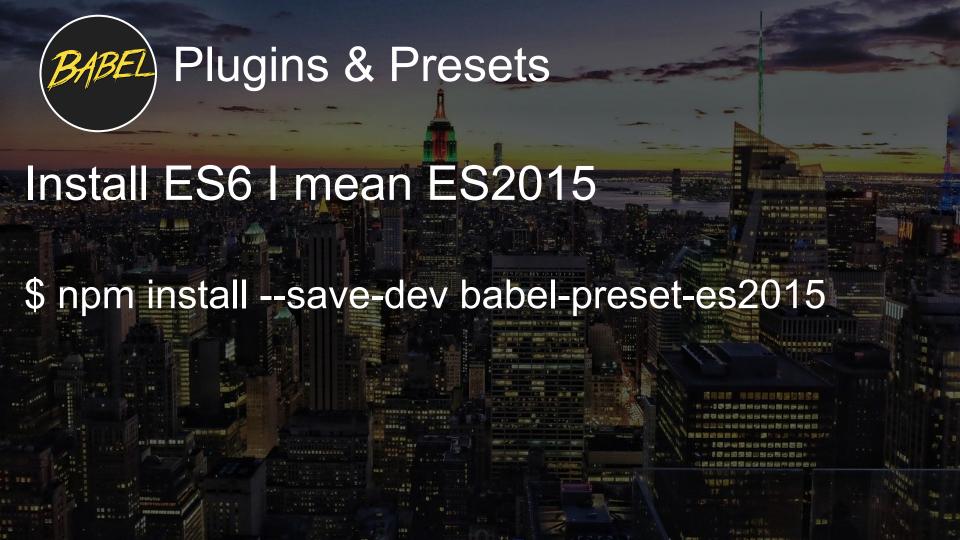


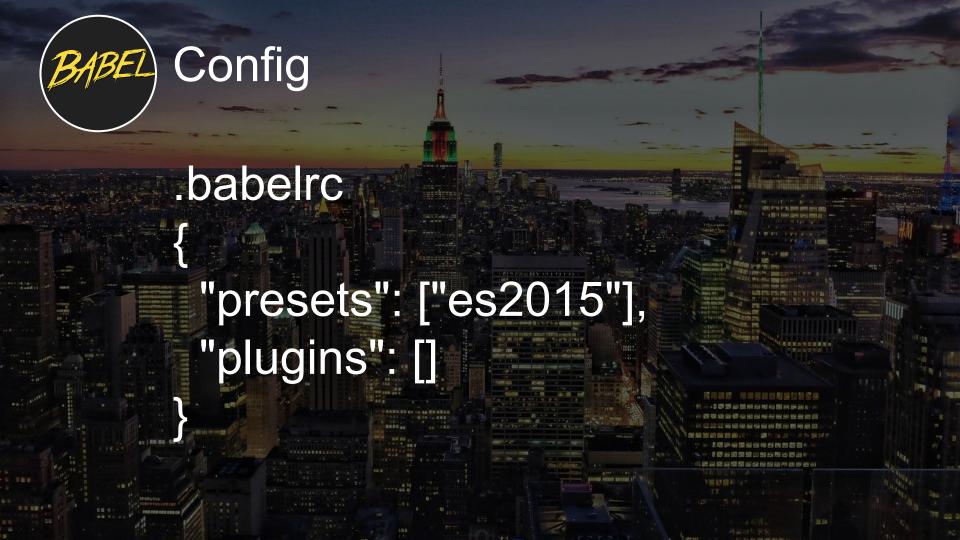


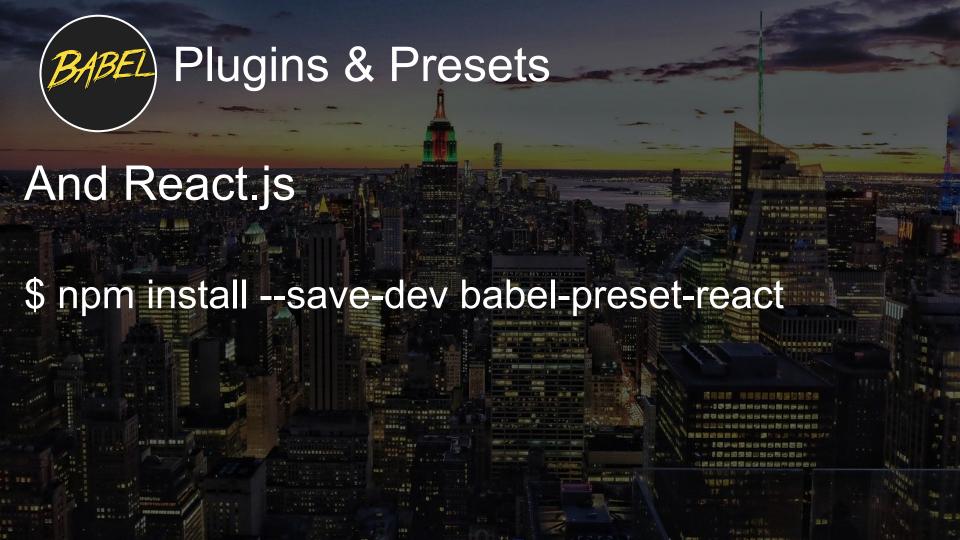


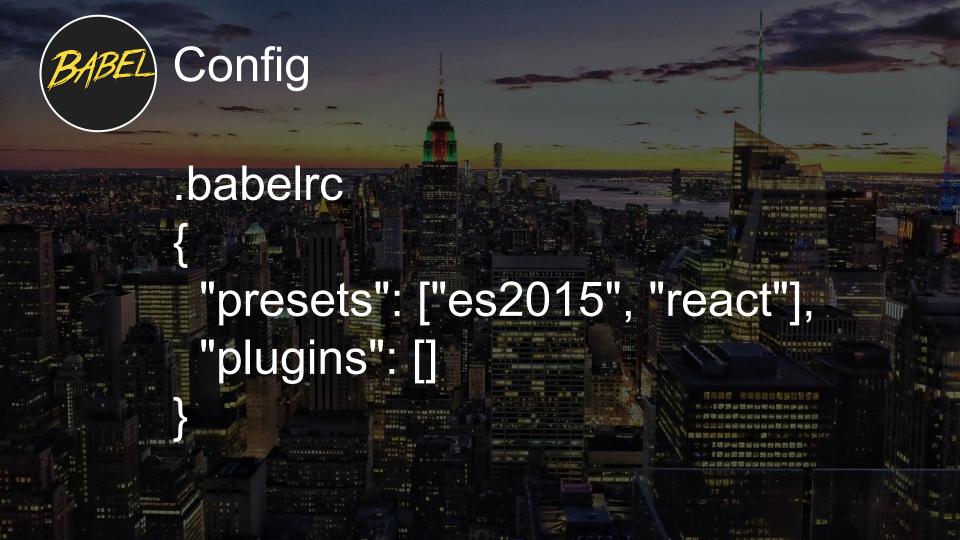


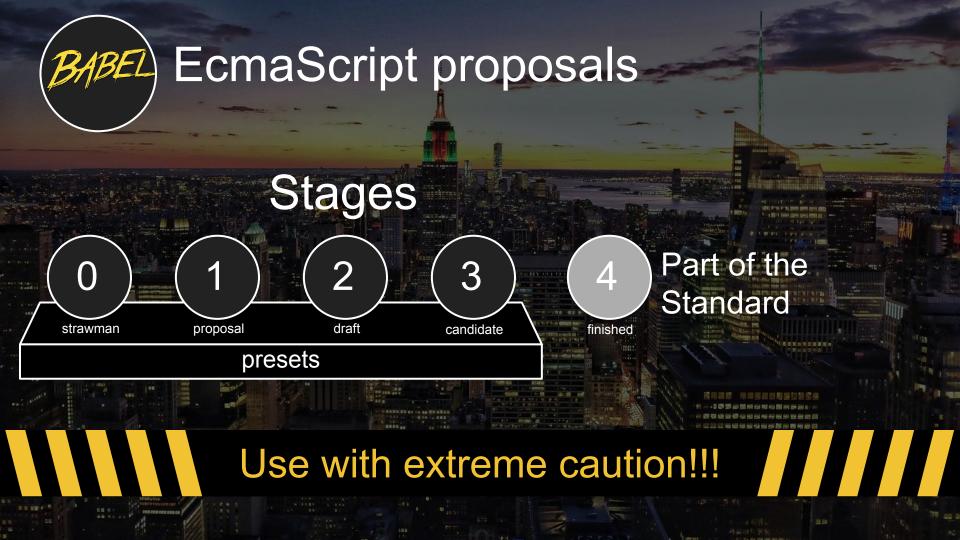




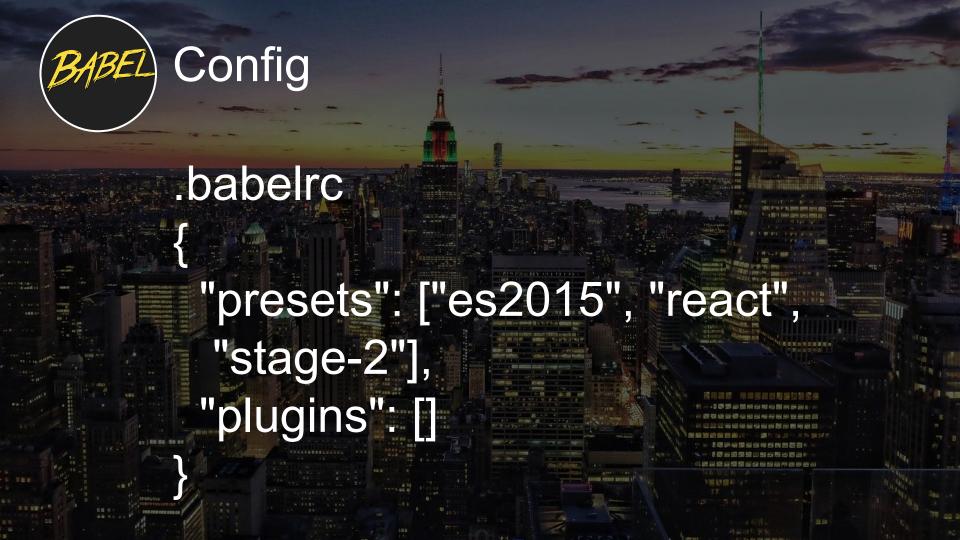


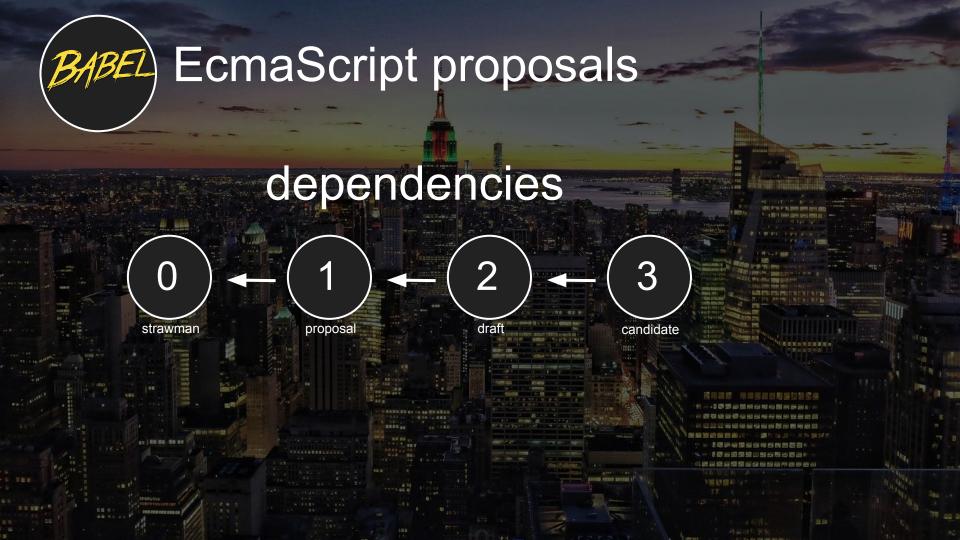


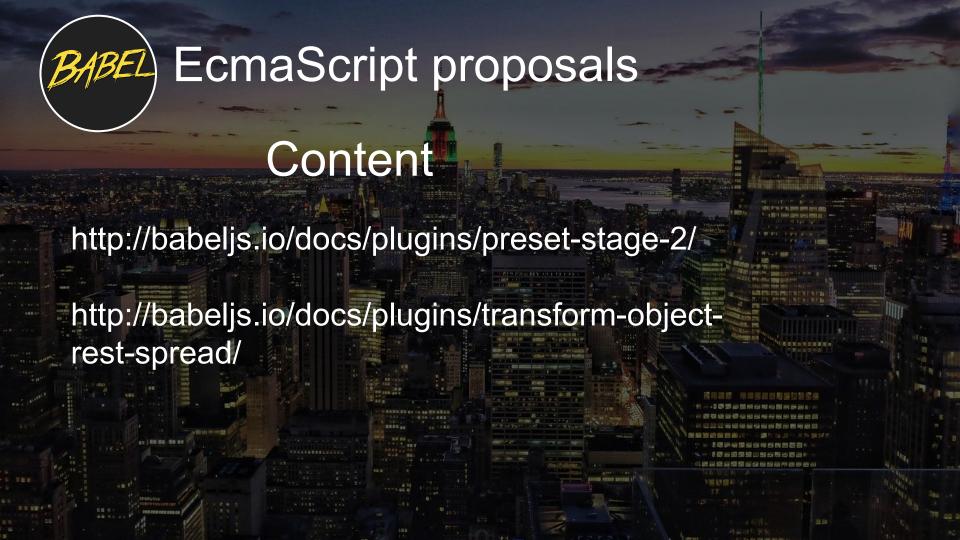




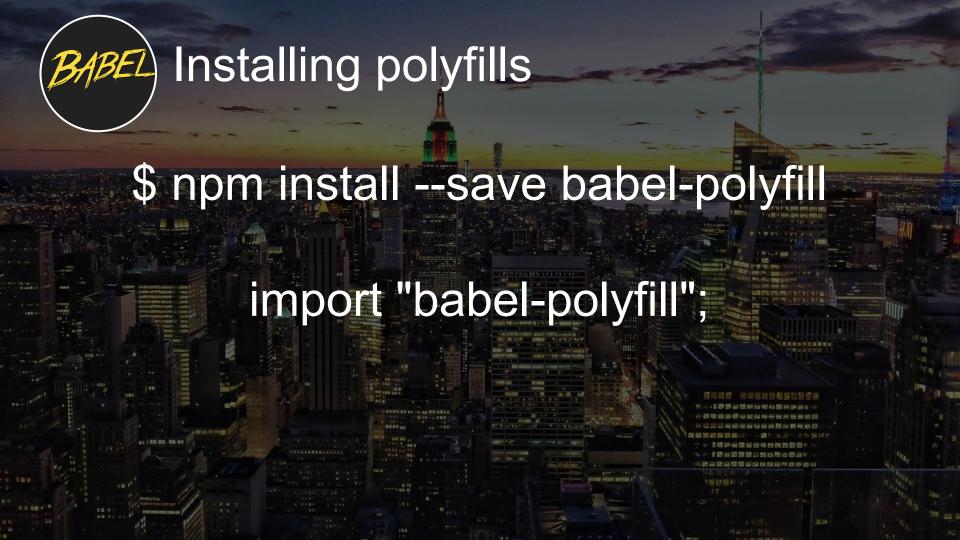




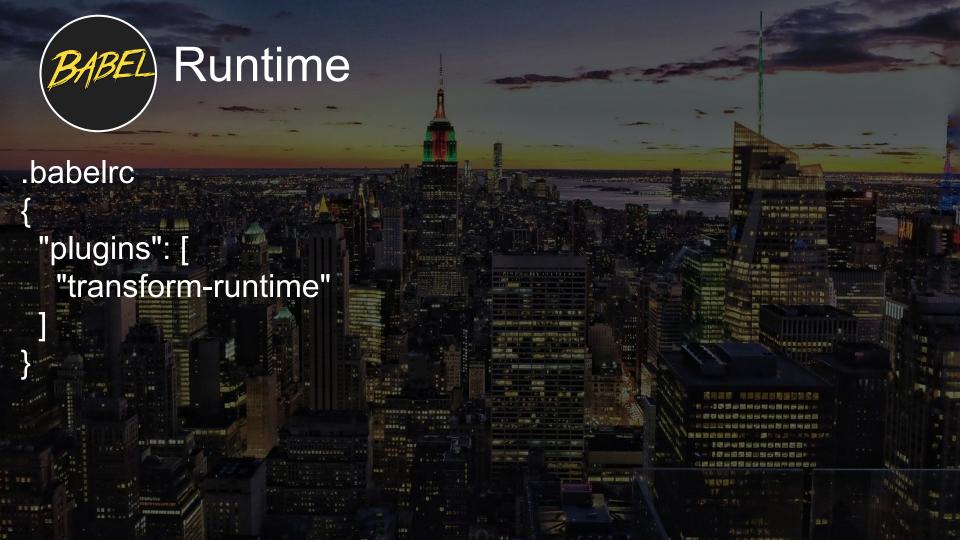




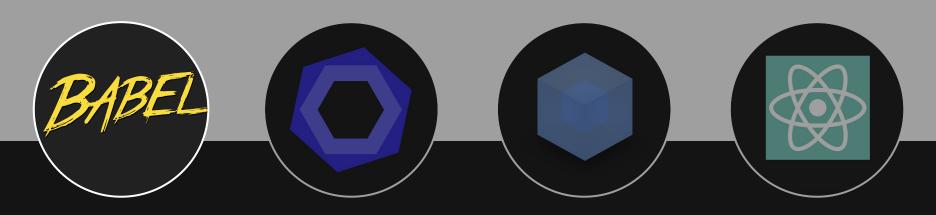








Cool, ah?



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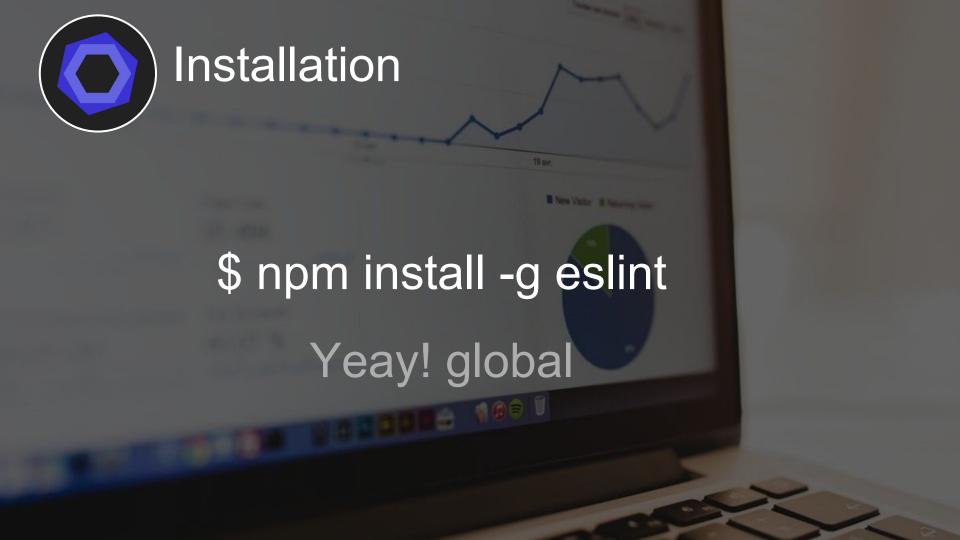
webpack

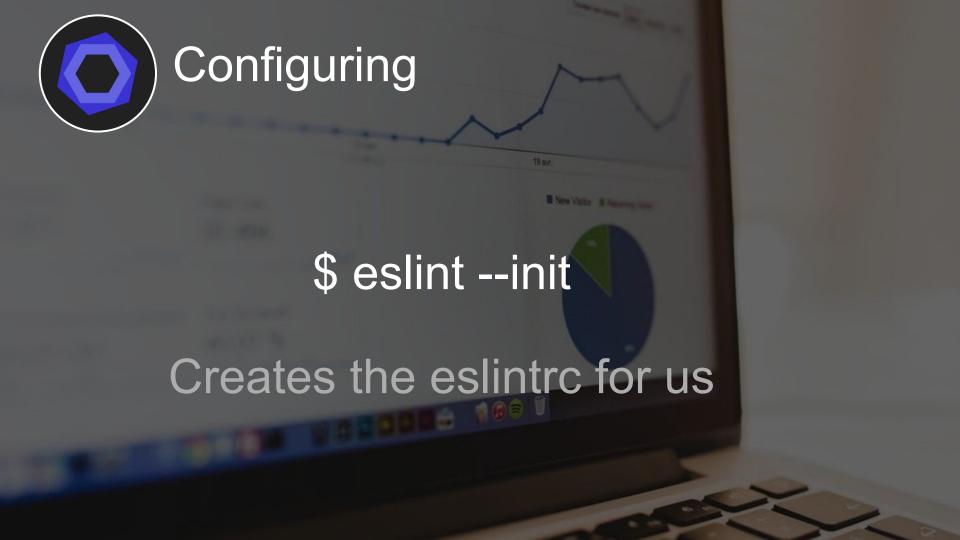
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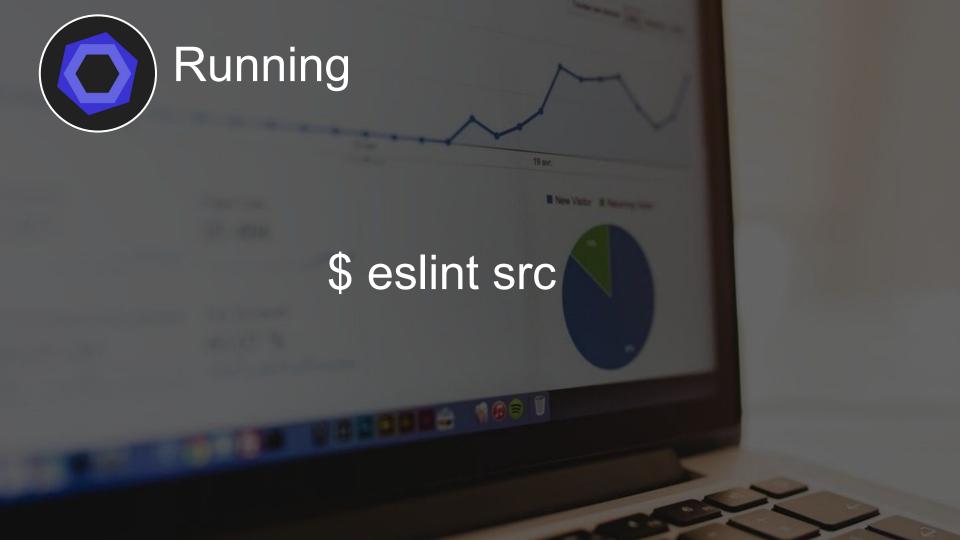
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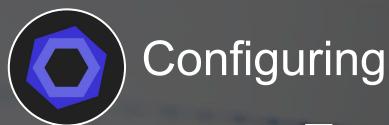












Two ways

comments

- Embed configuration on the file
- Not recommended

/*eslint eqeqeq: 0, curly: 2*/

files

- JS, JSON, YAML formats
- eslintConfig in package.json
- Extendable
- Cascading and Hierarchy

.eslint.json



Configuring - files

- parserOptions
- parser
- Environment
- Globals
- Rules
- Extend
- Plugins



Configuring - parserOptions

```
"parserOptions": {
 "ecmaVersion": 6, // 3 5 6 7
 "sourceType": "module", // "script" (default)
 "ecmaFeatures": {
  "jsx": true,
  "experimentalObjectRestSpread": true
```



Configuring - parser

Espree - Esprima - Babel-ESLint

- Must be an npm module installed locally
- Esprima-compatible interface (parse method)
- Produce Esprima-compatible AST





Configuring - environments

Predefined global variables

- browser
- node
- es6
- amd

- commonjs
- shared-node-browser
- worker
- serviceworker



Configuring - globals

Any other global variable

```
"globals": {
    "var1": true,
    "var2": true
```



Configuring - rules

Large set of rules

- "off" or 0
- "warn" or 1
- "error" or 2

```
"rules": {
 "eqeqeq": 0,
 "curly": "error",
 "quotes": [ "error", "double" ]
```



Configuring - rules

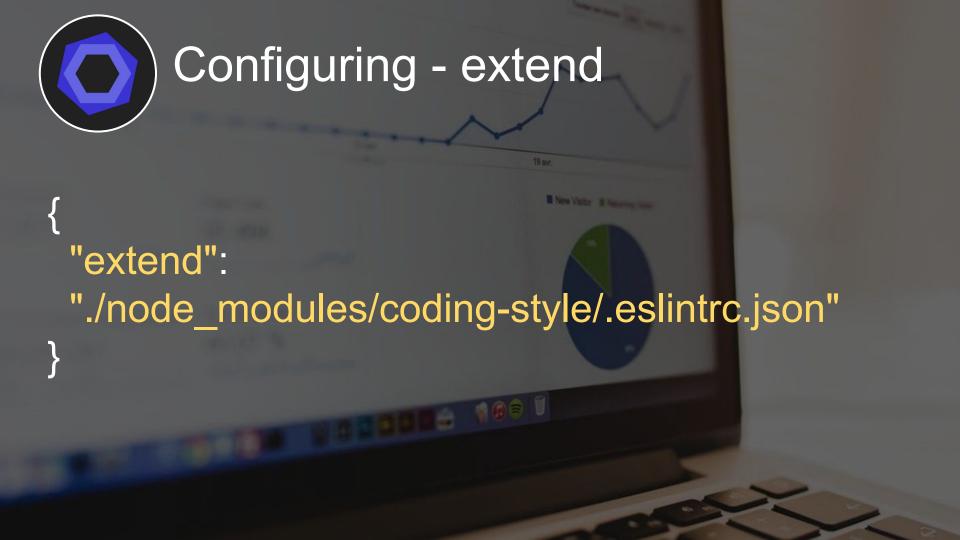
There are some fixable rules

\$ eslint src --fix



Configuring - cascading & hierarchy

```
your-project
      .eslintrc.json // "root":true
      server
         .eslintrc.json // "env": { "node": true}
         server.js
      client
         .eslintrc.json // "env": { "browser": true}
         index.js
      tests
         .eslintrc.json // "env": { "mocha": true}
         tests.js
```





Configuring - plugins

\$ npm install --save-dev eslint-plugin-react

```
"extend": "plugin:react/recommended",
"plugins": [ "react" ],
```

Good one, right?



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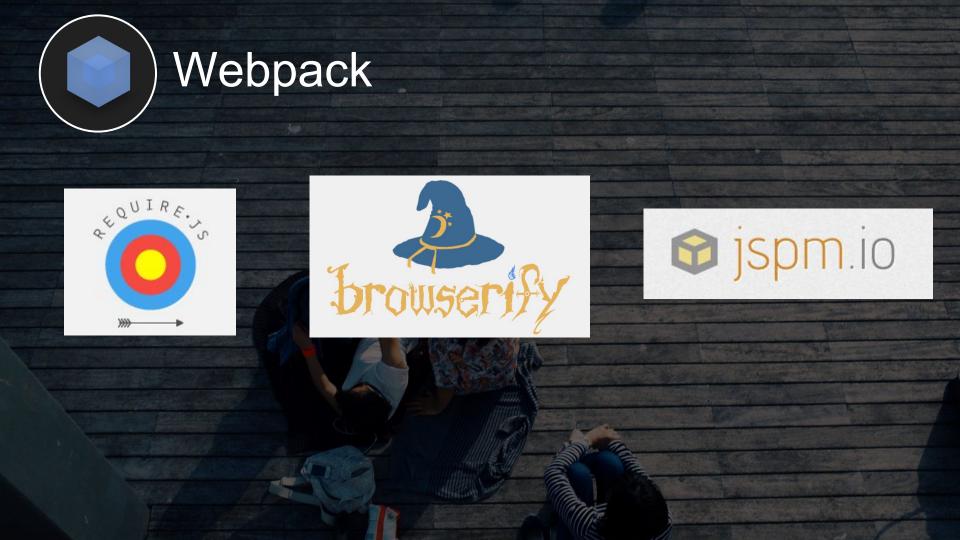
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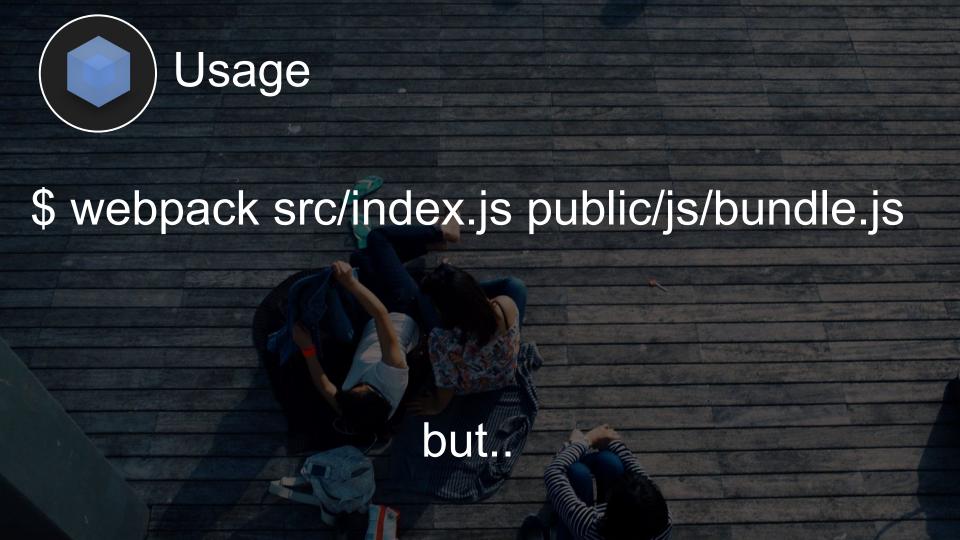
- AMD commonJS ES6 modules
- Chunks (1req x mod or all-in-1req)
- Why only js? (css, imgs)

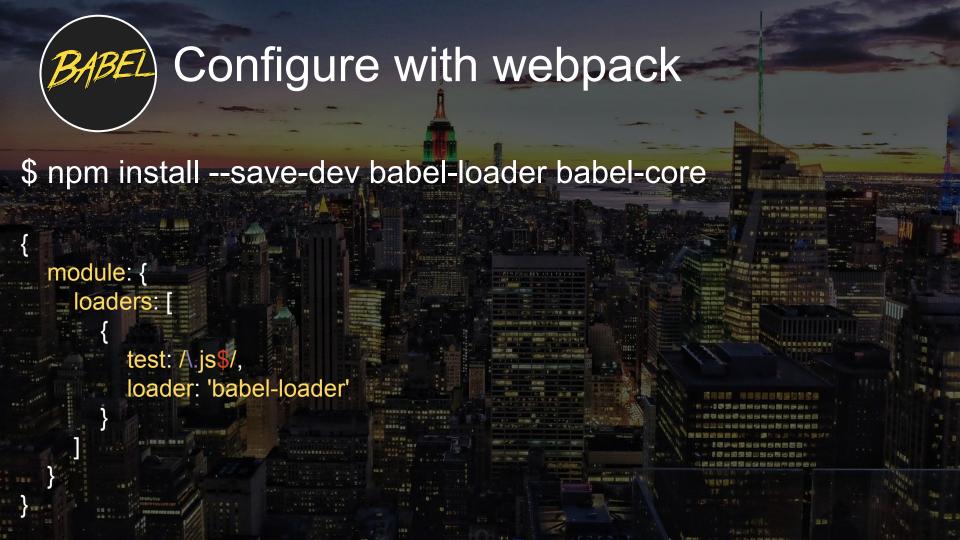


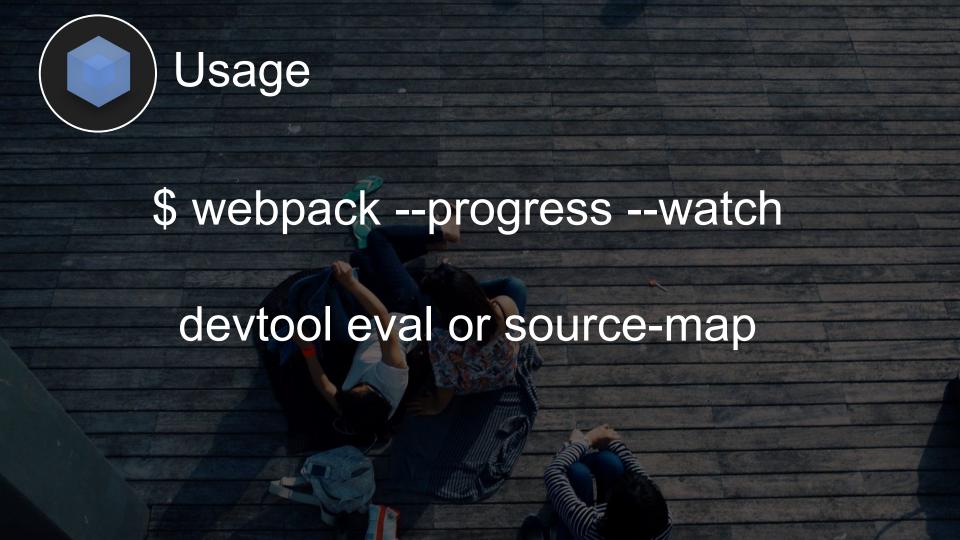
\$ npm install -g webpack

global again! but...

\$ npm install --save-dev webpack









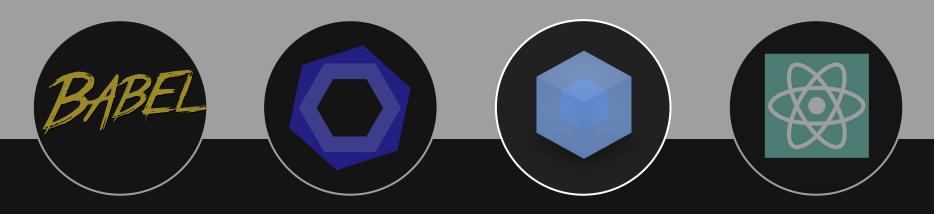
\$ npm install --save-dev webpack-notifier

```
var WebpackNotifierPlugin = require('webpack-notifier');
```

plugins: [

new WebpackNotifierPlugin({alwaysNotify: true})

Finally!



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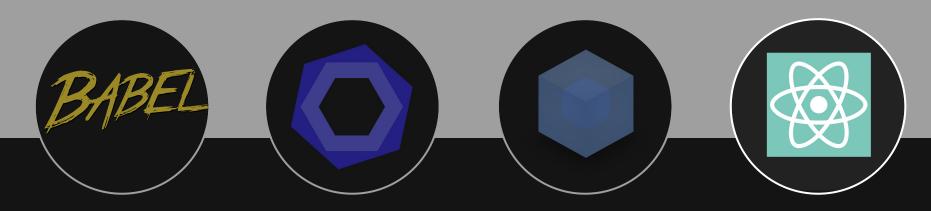
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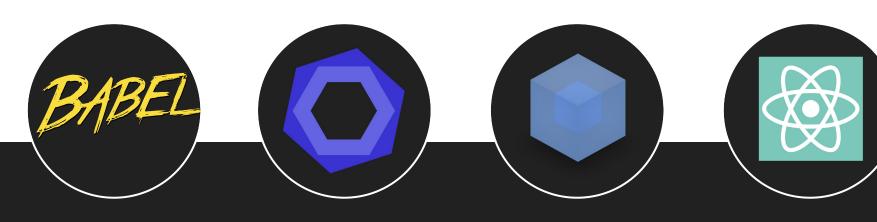
React devTools



React developer tools

- React elements inspector tab
- Enabled only when react is present
- Shows Elements, props, state, and events

That's it!



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