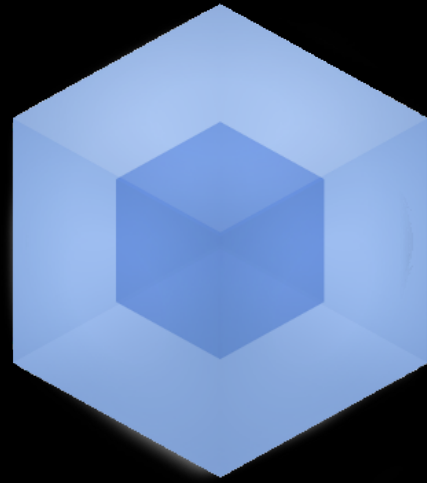


Webpack. Quick start.

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@otelnov



webpack

MODULE BUNDLER

Webpack takes modules with dependencies and generates static assets representing those modules

<http://webpack.github.io>

Who uses



Modular JavaScript

CommonJS

```
var rg = require('rangen');  
function getId(){  
    return rg.id();  
}  
exports.getId = getId;
```

AMD

```
define('myModule', ['foo', 'bar'],  
    function ( foo, bar ) {  
        var myModule = {  
            doStuff: function(){  
                console.log('Yay! Stuff');  
            }  
        }  
        return myModule;  
    });
```

ES6 modules

```
// company.js  
export default function Company(lang) {  
    this.lang = lang;  
};  
  
// user-details.js  
import Company from 'company';  
var valor = new Company('js');
```

Webpack is a module bundler for JavaScript

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But websites are more than just JavaScript...

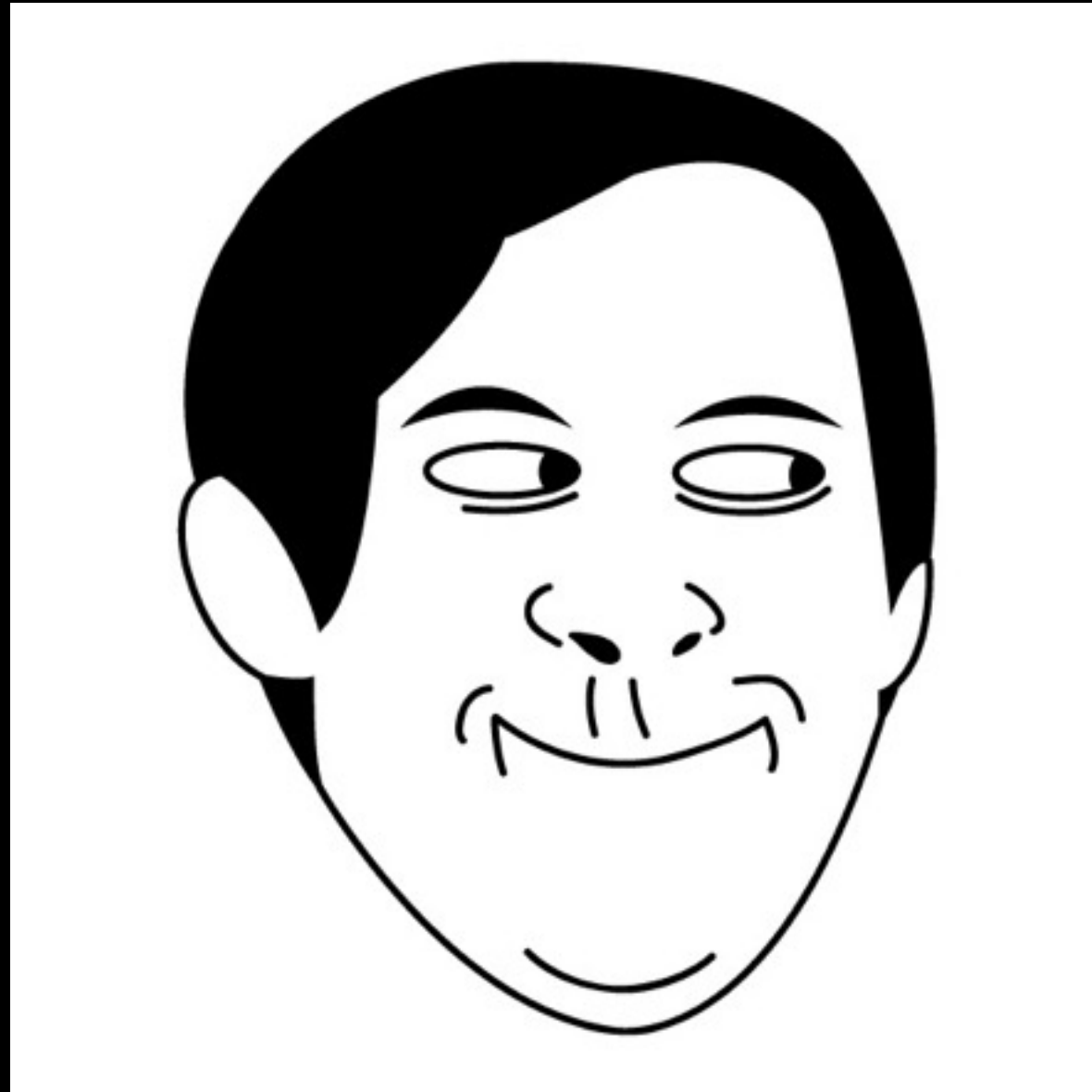
Webpack is a module bundler for JavaScript

But websites are more than just JavaScript

html, css, fonts, images...

So what about

```
//...  
template: require('template.html');  
//...
```



That's where loaders come in...

Inlined

```
//...  
  template: require('raw!./template.html'),  
  styles:    require('css!less!./main.less')  
//...
```

webpack.config.js

```
var webpack = require('webpack');

module.exports = {
  context: __dirname + '/app',
  entry: {
    comp1: './components/comp1/index.js',
    common: './index.js'
  },
  output: {
    path: __dirname + '/app',
    filename: '[name].js'
  },
  module: {
    loaders: [
      {
        test: /\.html$/,
        loader: 'raw',
        exclude: /node_modules/
      },
      {
        test: /\.css$/,
        loader: 'style!css',
        exclude: /node_modules/
      }
    ]
  }
};
```

The bundle.js could easily be $> 1\text{MB}$

Webpack has a feature to split your
codebase into “chunks”
which are loaded on demand.

Webpack has a feature to split your codebase into “chunks” which are loaded on demand.

```
require.ensure(['./otherPart.js'], function (otherPart) {  
  // now you can use otherPart  
});
```

ApplicationCache

webpack-dev-server

DedupePlugin

U18nPlugin

...

show time