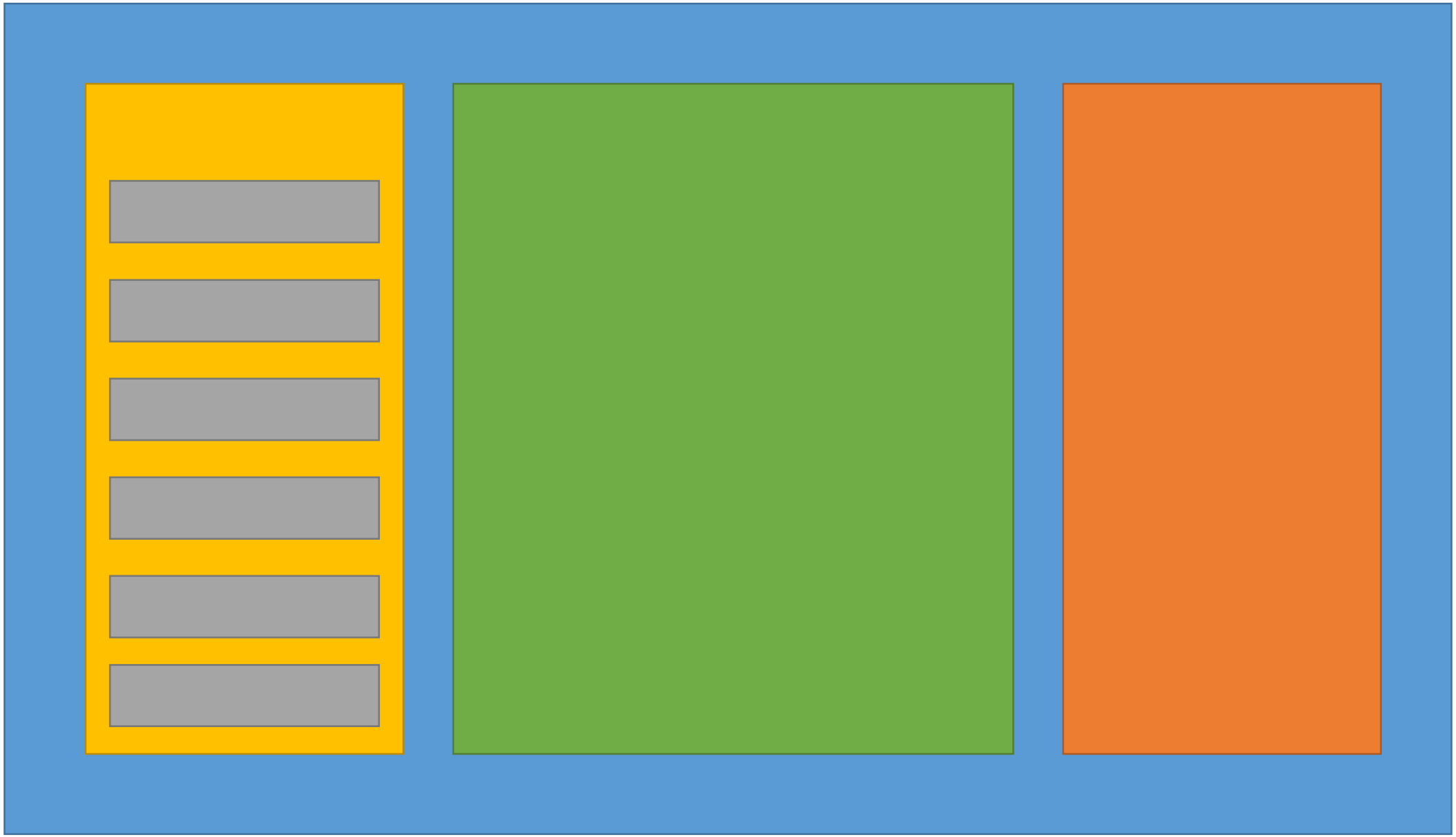
Константин Макарычев для FrontHub

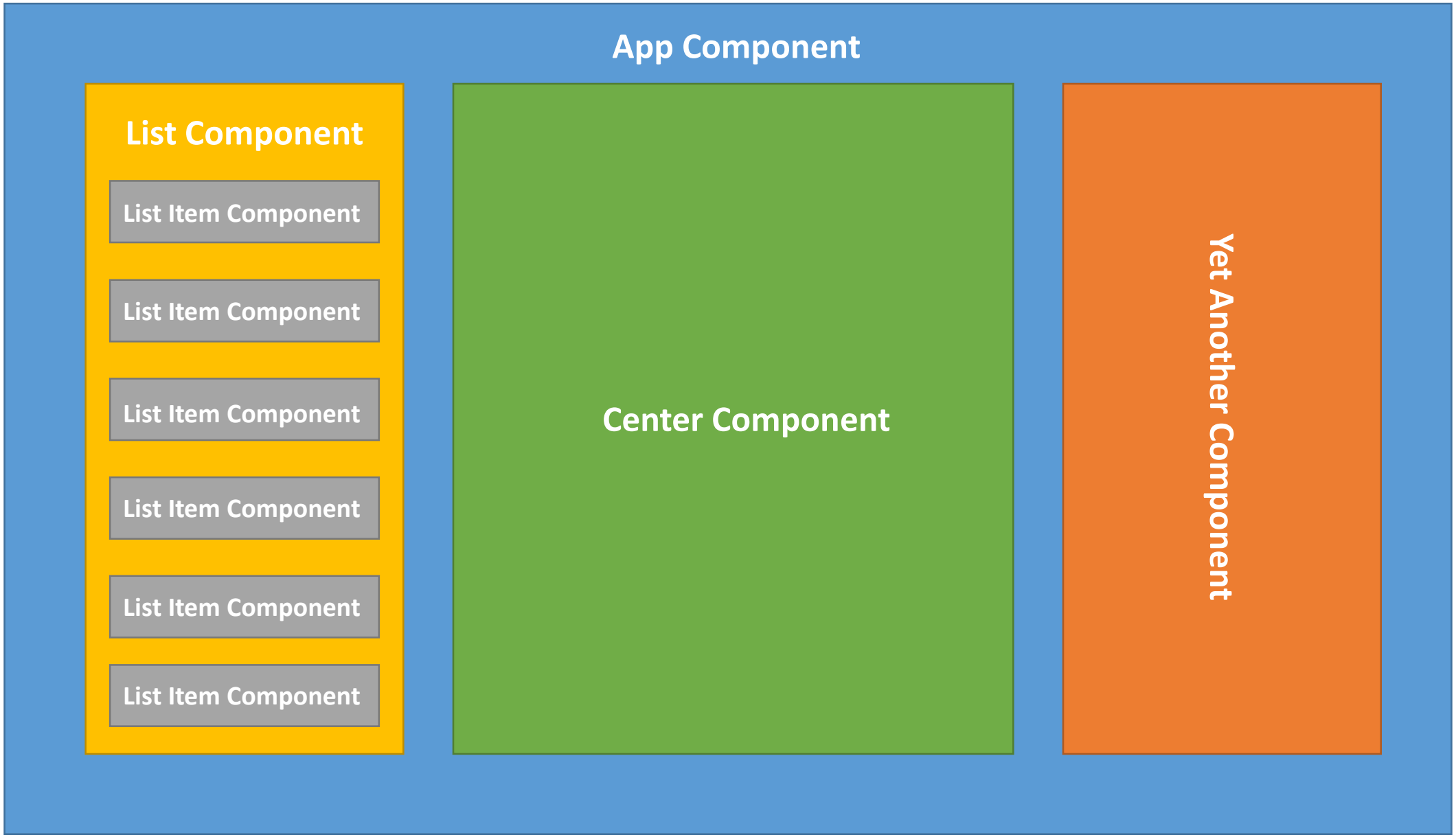
VanillaJS, jQuery, Backbone

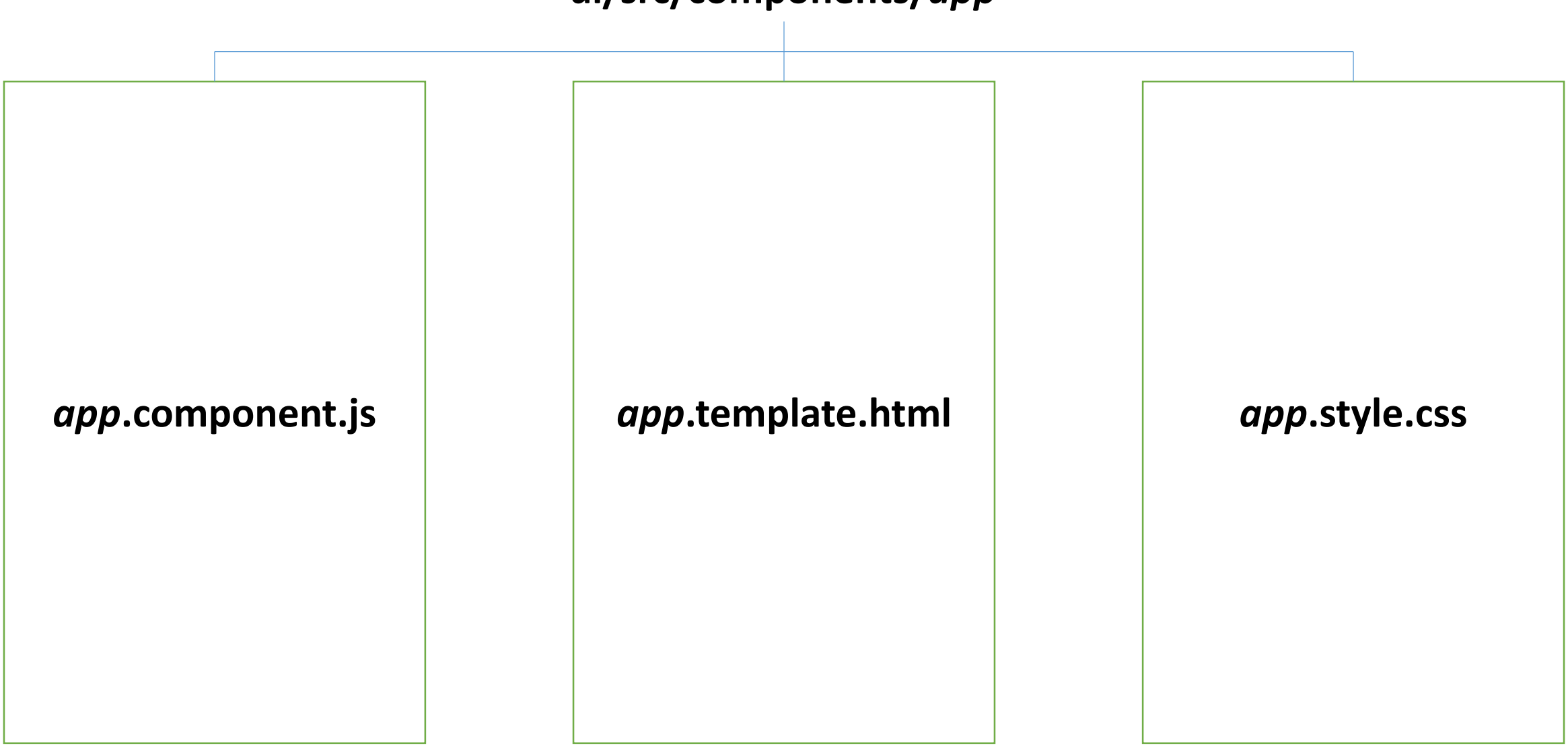
Angular2

Зачем?

TypeScript vs ES6




App Component
List Component
List Item Component
List Item Component
List Item Component
List Item Component
List Item Component
List Item Component
Center Component
Yet Another Component


ui/src/components/*app*
app.component.js
app.template.html
app.style.css

```
import { Component } from '@angular/core';

@Component({
  selector: 'app',
  styles: [ require('./app.style.css') ],
  template: require('./app.template.html')
})
export class App {}
```

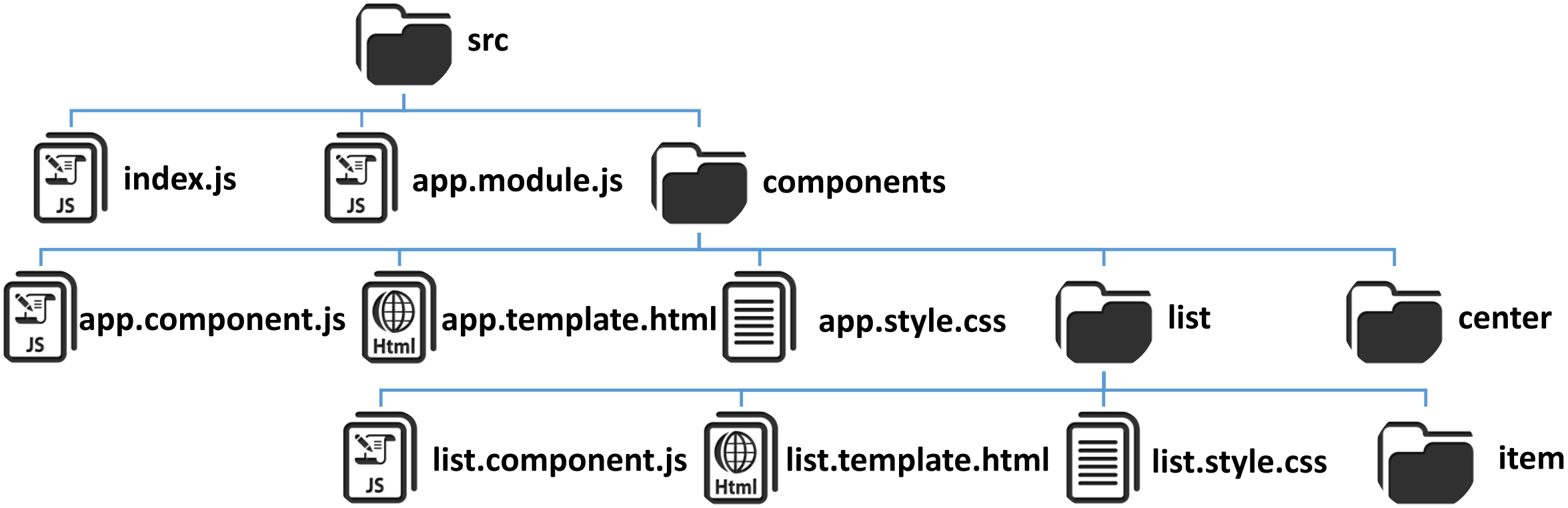
```
<div class="text">App Container</div>
<list></list>
<center></center>
<yet-another-component></yet-another-component>
```

```
:host {
  display: flex;
  flex-flow: row wrap;
  justify-content: space-around;
  padding: 50px 15px 50px 15px;
  height: 80vh;
  width: 90vw;
  background-color: #4B87CB;
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
}
```

```
.text {
  flex: 1 100%;
  text-align: center;
  margin-bottom: 10px;
}

center {
  flex: 2 0px;
}

list, yet-another-component {
  flex: 1 0px;
  margin: 0 15px 0 15px;
}
```


src
index.js
app.module.js
components
app.component.js
app.template.html
app.style.css
list
center
list.component.js
list.template.html
list.style.css
item

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { App } from './components/app/app.component';

import { Center } from './components/app/center/center.component';
import { List } from './components/app/list/list.component';
import { Item } from './components/app/list/item/item.component';

@NgModule({
  imports: [ BrowserModule ],
  declarations: [ App, Center, List, Item, YetAnotherComponent ],
  bootstrap:    [ App ],
})
export class AppModule { }
```

Сборка: gulp + babel + browserify

npm install --save @angular/common @angular/compiler @angular/core @angular/platform-browser @angular/platform-browser @angular/platform-browser-dynamic babel-cli babel-plugin-transform-function-bind babel-preset-angular2 babel-preset-es2015 babel-register babelify browserify del gulp gulp-sourcemaps gulp-util object-assign rxjs stringify vinyl-buffer vinyl-source-stream watchify zone.js

```
function bundle(b) {
  return b.bundle()
    .on('error', (e) => {
      gutil.log(e);
    })
    .pipe(source('bundle.js'))
    .pipe(buffer())
    .pipe(sourcemaps.init({
            loadMaps: true
    }))
    .pipe(sourcemaps.write('./'))
    .pipe(gulp.dest('ui/build'));
}
```

```
gulp.task('build', () => {
  const b = browserify('ui/src/index.js')
    .transform(stringify({
      appliesTo: { includeExtensions:
        ['.html', '.css']
      }
    }))
    .transform(babelify);
  return bundle(b);
});
```

```
<!doctype html>
<html>
  <head>
    <title>FrontHub: Angular2 example</title>
</head>
  <body>
    <app>Loading</app>
    <script src="/ui/build/bundle.js"></script>
  </body>
</html>
```

python -m SimpleHTTPServer

Ложка дёгтя

https://github.com/mkf-simpson/fronthub-2016