

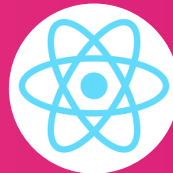
IL FRONT-END SPIEGATO ALLE BIONDE

@giucot_

LE DIFFICOLTÀ



GIUSTO UN PAIO DI TOOLS



Workflow The Fuck



FRONT-END DEVELOPER
COSA SIGNIFICA?

HTML

Struttura contenuto

CSS

Presentazione contenuto

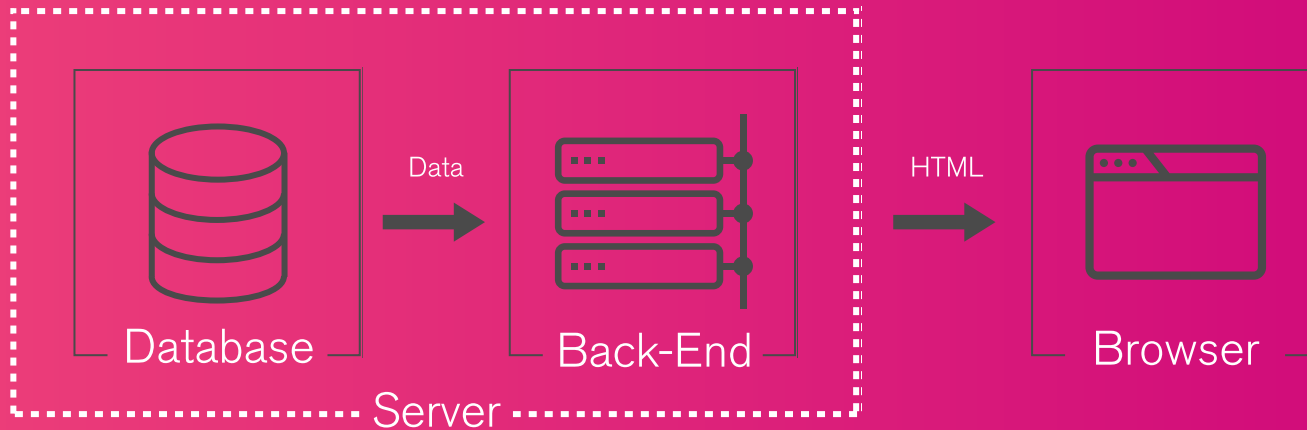
JS

Interattività contenuto

MA NON È MAI COSÌ SEMPLICE...



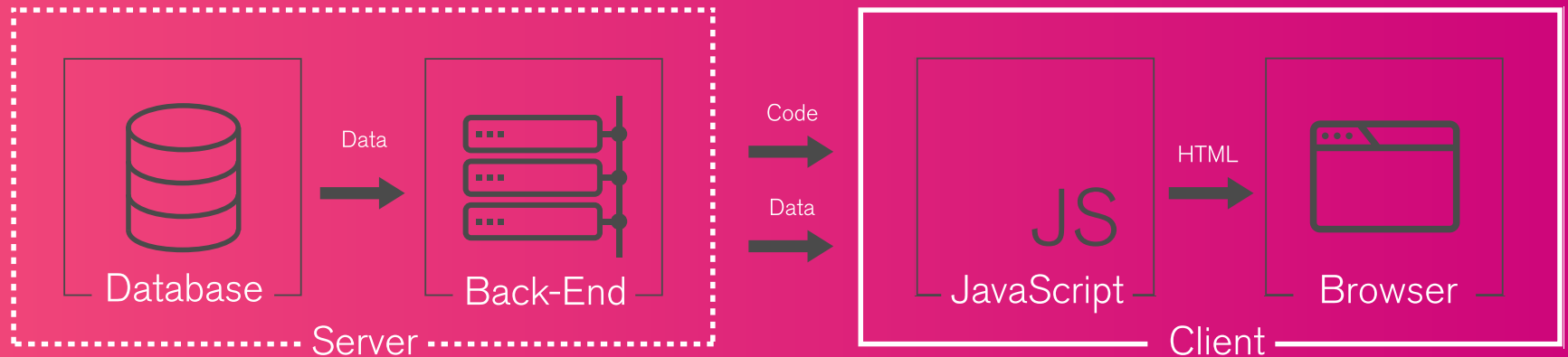
WEB DINAMICO



PROBLEMATICHE

- Spreco di banda
- Reloading di intere pagine
- Codice ripetitivo

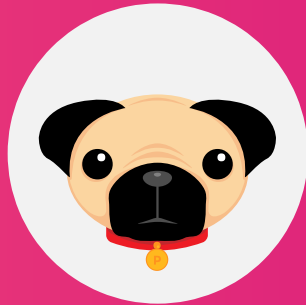
SINGLE PAGE APPLICATION



HTML PROBLEMI

- **Codice ridondante**
- **Sintassi prolissa**
- **Mancanza modularità**

TEMPLATE ENGINE



handlebars



ROSSETTI

```
include card.pug

doctype html
html
  head
    title Lipsticks
    meta(charset='UTF-8')
  body
    each lipstick in lipsticks
      +LipstickCard( lipstick.brand,
                    lipstick.name,
                    lipstick.color,
                    lipstick.esacolor)
```

MIXIN

```
1
2 mixin LipstickCard(brand, name, color, esacolor)
3   .Lipstick(style="border: 2px solid "+ esacolor +";")
4     div.Lipstick__brand= brand
5     if(name != '')
6       div.Lipstick__name= name
7     else
8       div.Lipstick__name Lipstick
9     div.Lipstick__color= color
10
```


RISULTATO

```
1
2  <!DOCTYPE html>
3  <html>
4      <head>
5          <title>Lipsticks</title>
6          <meta charset="UTF-8">
7      </head>
8      <body>
9          <div class="Lipstick" style="border: 2px solid #b52427">
10              <div class="Lipstick__brand">Chanel</div>
11              <div class="Lipstick__name">ROUGE COCO</div>
12              <div class="Lipstick__color">Gabrielle</div>
13          </div>
14          <div class="Lipstick" style="border: 2px solid #d43052">
15              <div class="Lipstick__brand">Givenchy</div>
16              <div class="Lipstick__name">Rouge Interdit Sati</div>
17              <div class="Lipstick__color">Red Velvet</div>
18          </div>
19          <div class="Lipstick" style="border: 2px solid #9f3160">
20              <div class="Lipstick__brand">Urban Decay</div>
21              <div class="Lipstick__name">Vice Lipstick</div>
22              <div class="Lipstick__color">Troublemaker - deep oxblood</div>
23          </div>
24      </body>
25  </html>
```

CSS PROBLEMI

- Mancanza di programmabilità
- Compatibilità
- Mancanza di modularità

CSS PREPROCESSOR & POSTPROCESSOR



{less}



LE BASI

```
1
2  /* Variables */
3  // Typography
4  $name-text-size: 30px;
5  $brand-text-size: 24px;
6  $color-text-size: 18px;
7
8  // Color
9  $low-color: #fff;
10 $medium-color: #ddd;
11 $high-color: #000;
12 $button-color: #4D12EE;
13
14 // Breakpoints
15 $small: 300px;
16 $medium: 786px;
17 $large: 1024px;
18
19 // Spacing
20 $space-unit: 5px;
21
22 // Mixin
23 @mixin button($main-color, $text-color) {
24     padding: ($space-unit / 2) ($space-unit * 2);
25     background: $main-color;
26 }
27
```

UN NUOVO SITO DI COSMESI

```
1
2 // Modules and Variables
3 @import "partials/base";
4
5 // Partials
6 @import "partials/Lipstick";
7 @import "partials/BodyCream";
8 @import "partials/Rimmel";
9 @import "partials/Scrub";
10 @import "partials/EauToilett";
11 @import "partials/FacePrimer";
12 @import "partials/EyeShadow";
13 @import "partials/Eyelinier";
14 @import "partials/BBCream";
15
```

SCSS SINTASSI

```
1
2 .Lipstick {
3   display: flex;
4   flex-direction: column;
5   padding: $space-unit * 4;
6
7   &__brand {
8     font-size: $brand-text-size;
9     color: black;
10    padding: $space-unit * 2;
11
12    @media screen and (max-width: $medium) {
13      font-size: $brand-text-size / 2;
14    }
15  }
16
17  &__name {
18    font-size: $name-text-size;
19    color: $medium-color;
20    padding: $space-unit;
21  }
22
23  &__buttonBuy {
24    @include button($button-color, $low-color);
25  }
26 }
```

**PER UN GRANDE PROGETTO, CI VUOLE
UN GRANDE TEAM**

TEAM WORKING

SCAFFOLDING



CONDIVISIONE DI CODICE

PACKAGE MANAGER



PACKAGE.JSON

```
1  {
2    "author": "giucot_",
3    "name": "make-up-site",
4    "version": "0.0.1",
5    "description": "About makeup",
6    "dependencies": {
7      "express": "4.2.x"
8    },
9    "devDependencies": {
10     "autoprefixer": ">6.2.0",
11     "pug": "2.0.0-beta6",
12     "pug-cli": "1.0.0-alpha6",
13     "node-sass": "4.3.*",
14     "babel-core": "^6.14.0",
15     "browser-sync": "^2.14.0",
16     "eslint": "^0.3.0",
17     "gulp": "^3.9.1",
18   },
19   "repository": {
20     "type": "git",
21     "git": "https://github.com/make-up-site"
22   },
23   "scripts": {
24     "compile-pug": "pug --output-style -P -o dev/html/ src/views/",
25     "build-css": "node-sass --include-path src/style src/style/main.scss dev/css/main.css"
26   }
27 }
```

PER UN CODICE "RIFATTO"

LINTER



AUTOMAZIONE



TASK RUNNER & BUILD TOOLS



GULP IN AZIONE

```
1
2  const gulp = require('gulp');
3  const imagemin = require('gulp-imagemin');
4  const concat = require('gulp-concat');
5
6  gulp.task('default', () =>
7    gulp.src('src/images/*')
8      .pipe(imagemin())
9      .pipe(gulp.dest('dist/images'))
10 );
11
12 gulp.task('scripts', function() {
13   return gulp.src('./lib/*.js')
14     .pipe(concat('all.js'))
15     .pipe(gulp.dest('./dist/'));
16 });
17
```

LESS IS MORE!

Le performance sono importanti soprattutto in produzione



MINIFICARE



SPRITE



IMBRUTTIRSI ALLA FINE HA FUNZIONATO

