



AS ENTRELINHAS DO CSS

E O FIM DOS PRÉ-PROCESSADORES



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@afonsopacifer

Sim , eu não trabalho!

.css{
CastShow;

You  /csscastshows

stylus

Sass

POR QUE USAMOS PRÉ-PROCESSADORES?

- VARIÁVEIS
- OPERAÇÕES MATEMÁTICAS
- INCLUDES
- MIXINS

LEK, CSS PURO



Variables

CSS Custom Properties
for Cascading Variables Module Level 1

<http://www.w3.org/TR/css-variables/>

Criando e usando suas variaveis:

```
.teste {  
  --cor: #000;  
  --tamanho: 200px;  
  
  background-color: var(--cor);  
  width: var(--tamanho);  
}
```

Declare suas variaveis na **raiz** do **documento**:

```
:root {  
    --cor: #000;  
}  
  
.teste-1 {  
    background-color: var(--cor);  
}  
  
.teste-2 {  
    background-color: var(--cor);  
}
```

What ?

Native X Preprocessors

Now!

A woman with long brown hair, wearing a pink button-down shirt, is shown from the chest up. She has a shocked or surprised expression on her face, with wide eyes and an open mouth. Her hands are raised in front of her, palms facing forward, with fingers spread. She is wearing rings on both hands and a watch on her left wrist. The background is a dimly lit room with a staircase and some decorative items.

Lek, Calm down.

Expressions and Operators

CSS *Values* and *Units* Module Level 3

<https://www.w3.org/TR/css3-values/>

Quick Overview

```
div {  
  font-size: calc(3em + 5px);  
  padding: calc(1vmax + -1vmin);  
  transform: rotate(calc(1turn - 32deg));  
  background: hsl(180, calc(2*25%), 65%);  
  line-height: calc(8/3);  
  width: calc(23vmin - 2*3rem);  
}
```

Pré-processadores :(

calc() + **var()** ?

fica pensando nisso ai

Conditionais

CSS Conditional Rules Module Level 3

<https://drafts.csswg.org/css-conditional-3/>

O que precisamos avaliar
com CSS?

The basics:

```
@media (max-width: 600px) {  
  .facet_sidebar {  
    display: none;  
  }  
}
```

Logical operators

@media (min-width: 700px) **and** (orientation: landscape) { ... }

@media **not** (all and (monochrome)) { ... }

and **more....**

Media Features

@media all and (**color**) { ... }

@media all and (**monochrome**) { ... }

@media all and (**orientation**: portrait) { ... }

@media (min-**width**: 700px) and (max-**height**: 400px) { ... }

@media print and (min-**resolution**: 300dpi) { ... }

and **more....**

STOP!

Nós podemos...

usar **@media** para mudar uma
var() que muda o resultado
de um **calc()**

Includes

CSS Cascading and Inheritance Level 4

<https://www.w3.org/TR/css-cascade-4/>

uma **linha**, um monte de **besteira**...

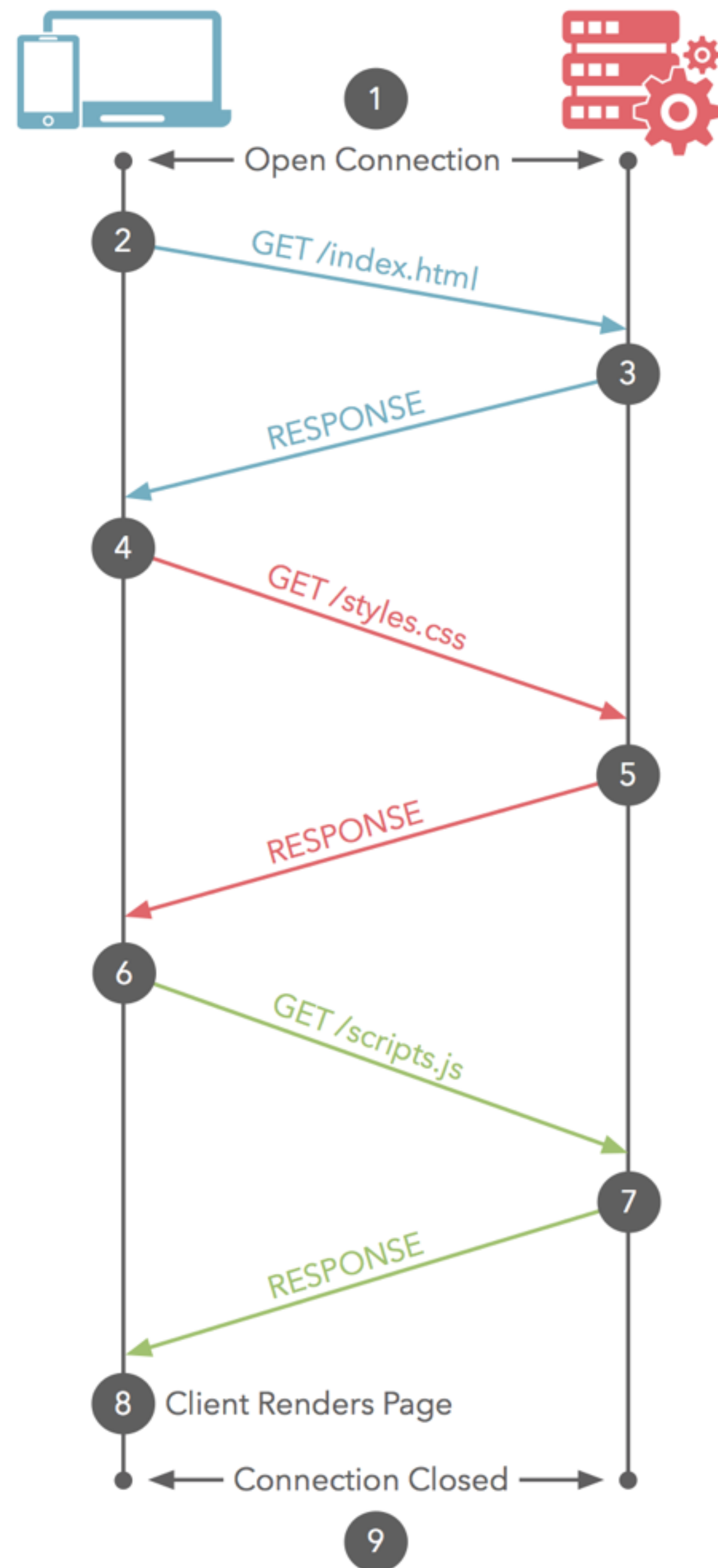
```
@import 'style-base.css';
```

ou **não**

A man with a shaved head, wearing green swim trunks, stands in shallow, rippling water. He is looking down and has his hands near his waist. The background consists of a dense, green forest on a hillside. The text "HTTP/2" is overlaid in large white letters across the center of the image.

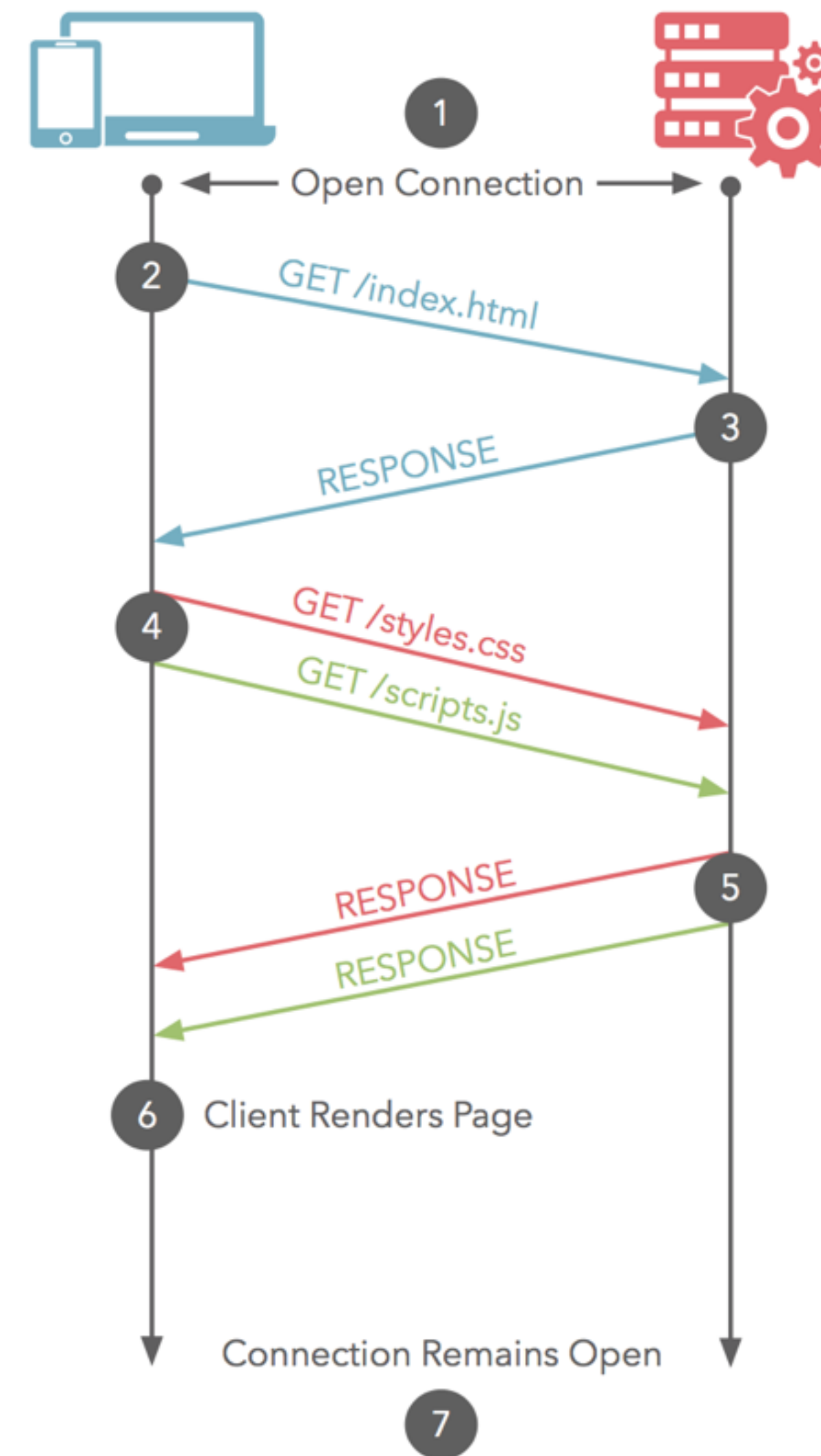
HTTP/2

HTTP/1.1 Baseline



Time

HTTP/2 Multiplexing



logo...

Nós podemos usar **@media** para
baixar arquivos .css
on demand

Example!

```
@import url("fineprint.css") print;  
@import url("bluish.css") projection;  
@import url('landscape.css') screen and (orientation:landscape);
```

Mixins :(

CSS @apply Rule

A Collection of Interesting Ideas, 25 August 2015

This version:

<http://tabatkins.github.io/specs/css-apply-rule>

Issue Tracking:

[GitHub](#)

[Inline In Spec](#)

Editor:

[Tab Atkins-Bittner](#) (Google)

 To the extent possible under law, the editors have waived all copyright and related or neighboring rights to this work. In addition, as of 25 August 2015, the editors have made this specification available under the [Open Web Foundation Agreement Version 1.0](#), which is available at <http://www.openwebfoundation.org/legal/the-owf-1-0-agreements/owfa-1-0>. Parts of this work may be from another specification document. If so, those parts are instead covered by the license of that specification document.

Abstract

This specification defines the '@apply' rule, which allows an author to store a set of properties in a named variable, then reference them in other style rules.

Quais as vantagens com
relação aos pré-processadores?

É tudo **nativo e on the fly**

Pré-processadores são lindos
para o desenvolvedor!

CSS é um **LIXO**
para o desenvolvedor?

PAUSA PARA ÁGUA

CODE UI / DEV UX

ABSTRAÇÕES



**Vou construir um
pré-processador
que use css nativo!**



2 Dias depois...

&^\$%#\$@\$%\$@
&^\$%#%@
***%&\$#@@##



um **MÊS** depois..

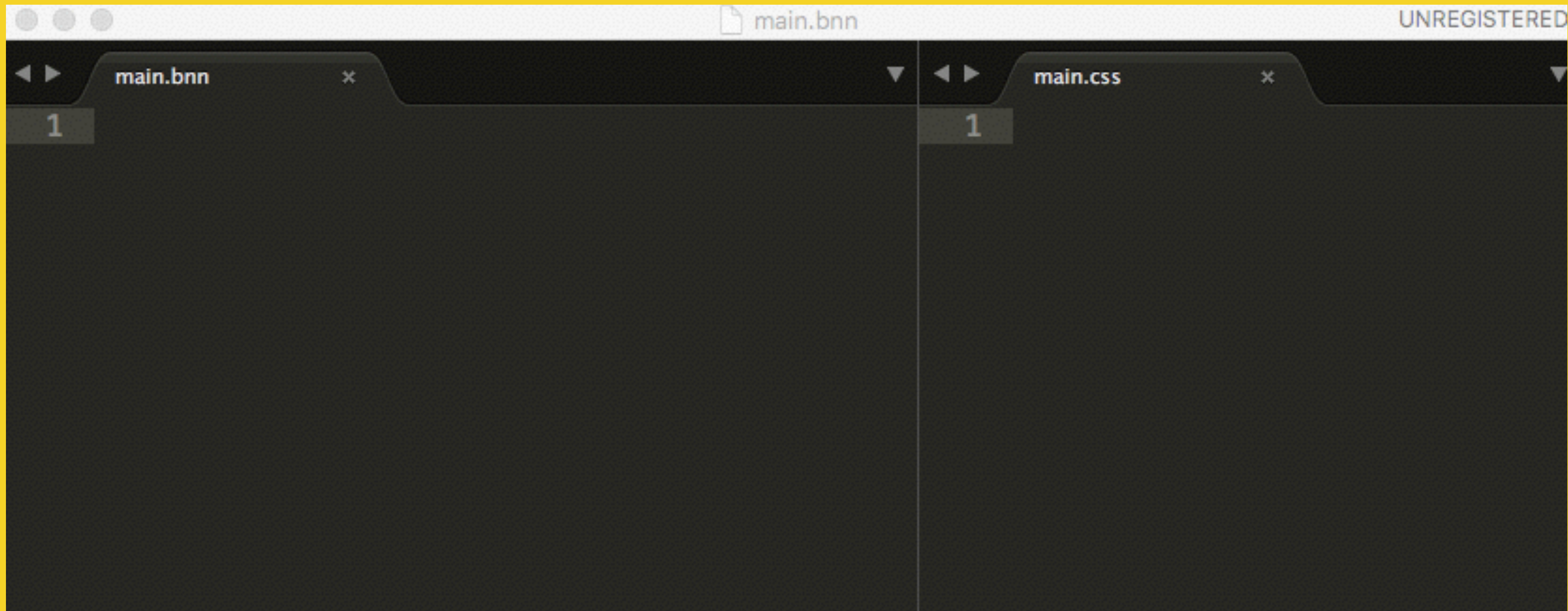


github.com/bananacss



npm install -g bananacss

Se liga na treta...



**Que mané GIF
Live Demo é nóis!**





npm install gulp-banana



npm install slush-banana



Chique mano!

Para finalizar,
o mais importante!

“

Não importa ser Front-End, Back-End, Designer, etc...
O importante é amar o que você faz! Dinheiro e reconhecimento são apenas uma consequência!

- Bernard de Luna

Eu larguei o emprego
para lutar pelo que amo!

Thanks :)

github.com/afonsopacifer

codepen.io/afonsopacifer

youtube.com/csscastshows



github.com/bananacss