



Sass .

IPPON 2019

Thomas
BOUTIN



Me.

#CSS #web #ippon #nantes
#yannicode #PAYSDERETZ
#strongandfit #Bootstrap
#longmuscle



github.com/Thomas-Boutin

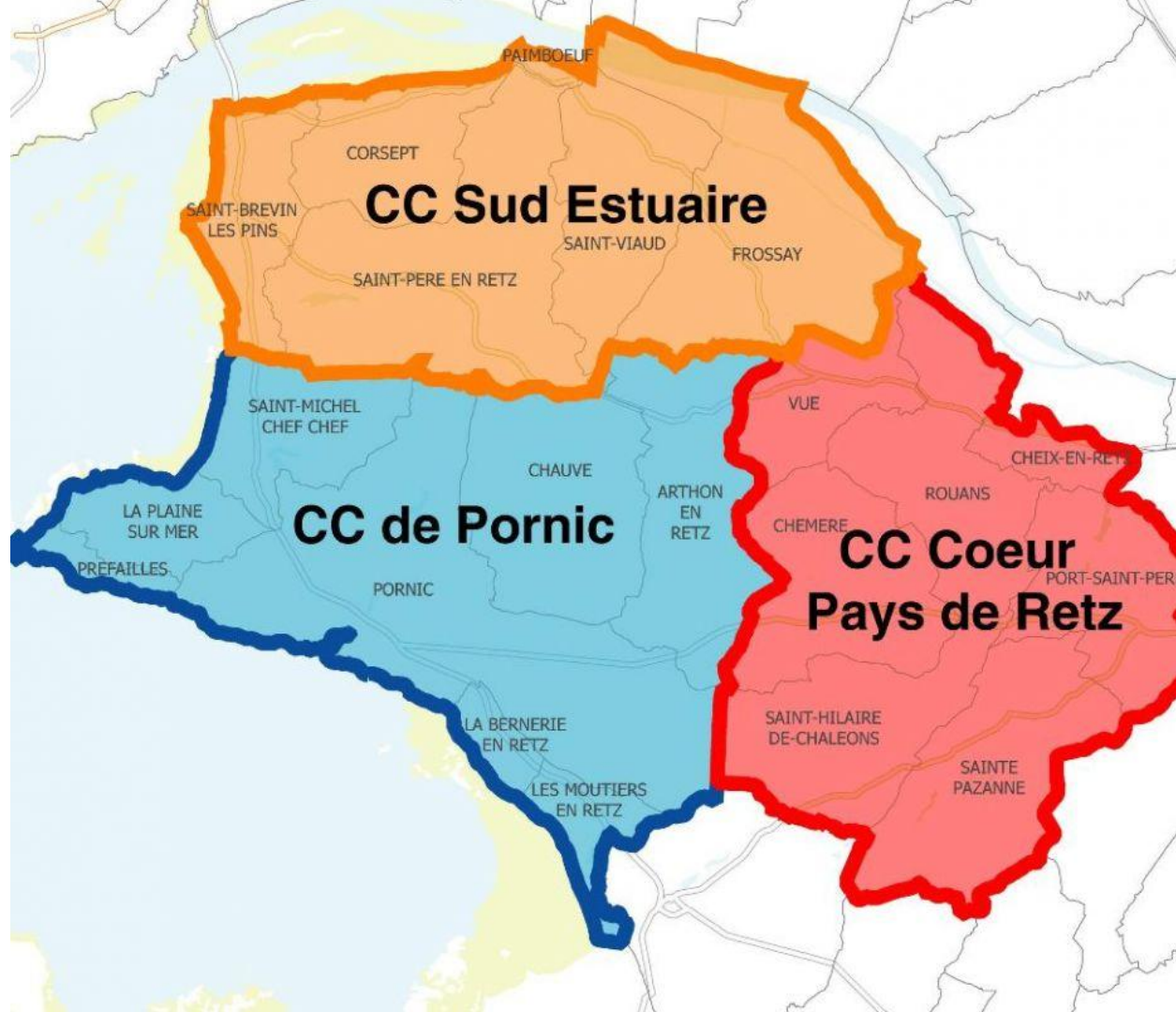
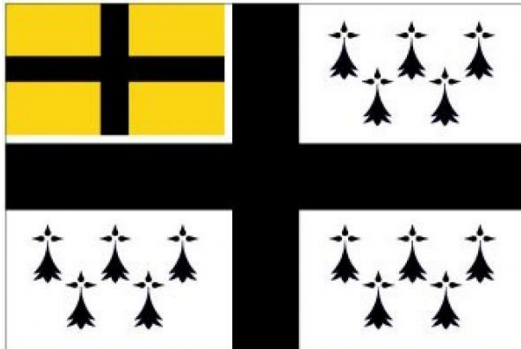


linkedin.com/in/thomas-boutin/



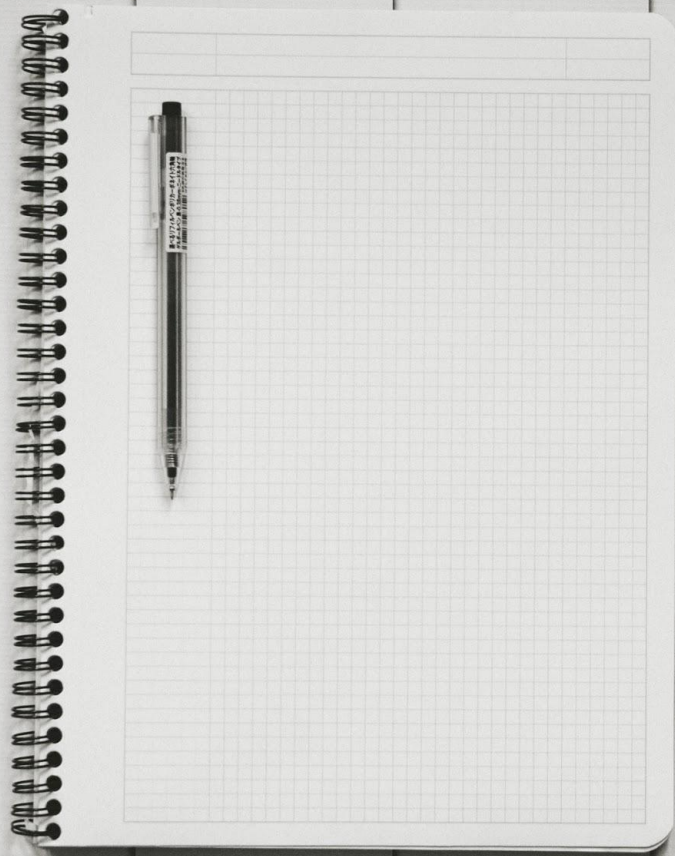
Le Pays de Retz

1. Loire-Atlantique
2. The best beaches are not in Pornic
3. We have our own salt



Summary.

1. Ippon Technologies
2. Motivations
3. Sass
 - a. What's Sass?
 - b. Why Sass





360

Collaborators



38M€

revenue
2018



20%

growth

IPPON

Discovery to Delivery

Accélérateur de projets innovants

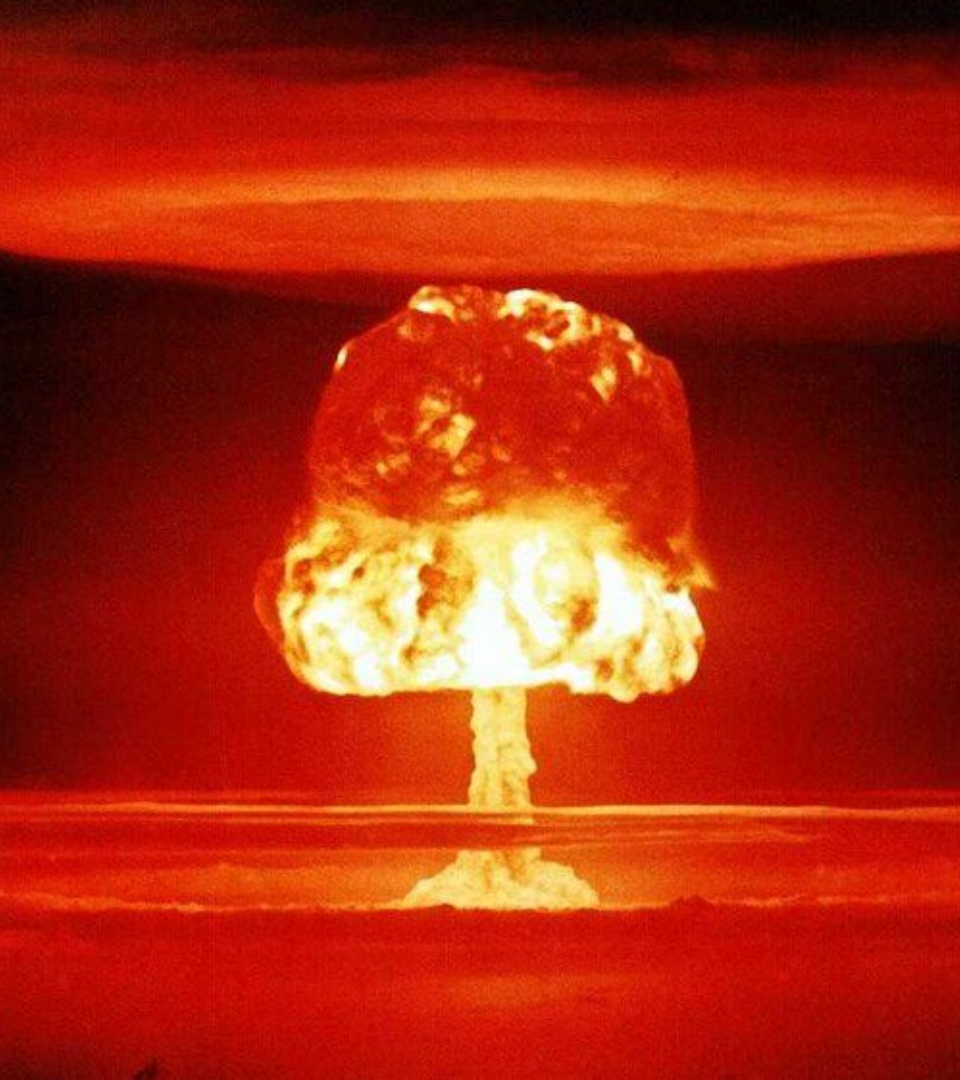


IPPON 2019

A person wearing a dark hoodie is shown in profile, looking upwards. The word "Motivations." is written in white serif font, with a small red dot at the end, positioned over the person's face.

Motivations.

WHY



We don't want such situation :

(In web development)

"Why this CSS property isn't active?"

"Is it really a good idea to write a 1000L styling file?"

"I feel like I'm repeating again and again the same lines of code"

" ... "

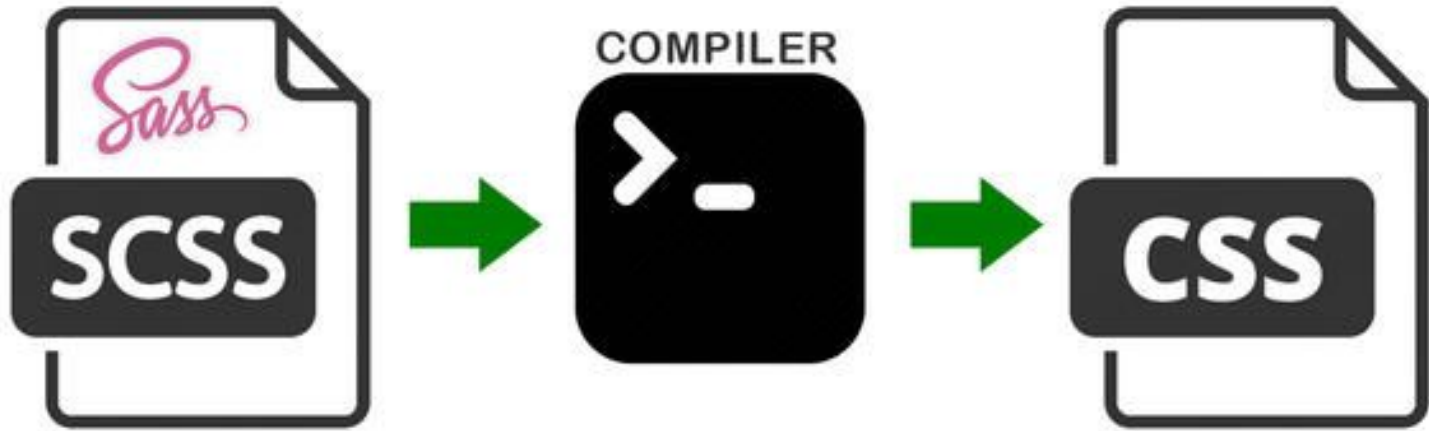
```
$Sass = $time - $a-lot
```

Sass.

A stylized, pink, cursive logo for 'Sass'. The letter 'S' is large and loops around the word 'ass', which is written in a fluid, handwritten style. The entire logo has a soft pink glow.

What is Sass?

The most popular CSS preprocessor :



It extends CSS with awesome features



Why Sass?

Variables

To help reusing values :

```
$blue: #004BB4;
```

Sass



```
h1 {  
  color: $blue;  
}  
  
a {  
  background-color: $blue;  
}
```

Sass

Why Sass?

Variables (CSS produced code)

This will produce this CSS code :

```
h1 {  
  color: #004BB4;  
}  
a {  
  background-color: #004BB4;  
}
```



Why Sass?

Mixins

To help reusing blocks :

```
@mixin set-font
( $family: 'Ubuntu' , $weight: 400 , $style: normal ) {
  font-family: $family , 'Arial', 'Helvetica', sans-serif;
  font-style: $style;
  font-weight: $weight;
}
```

Sass



```
h1 {
  @include set-font;
}
```

Sass

Why Sass?

Mixins (produced CSS)

This will produce this CSS code :

```
h1 {  
  font-family: $family , 'Arial', 'Helvetica', sans-serif;  
  font-style: $style;  
  font-weight: $weight;  
}
```





Why Sass?

Nested syntax

To work with a nested, more developer-friendly, syntax :

```
.navbar {  
  background-color: $blue;  
  a {  
    color: red;  
    &.blue {  
      color: $blue;  
    }  
  }  
}
```


Why Sass?

Nested syntax (produced CSS)

This will produce this CSS code :

```
.navbar {  
  background-color: #004BB4;  
}  
  
.navbar a {  
  color: red;  
}  
  
.navbar a.blue {  
  color: #004BB4;  
}
```



Why Sass?

Divide and import files

To aggregate, override and divide files :

```
@import "source/font-awesome";  
@import "source/slick";  
@import "framework/bootstrap";  
@import "my-custom-theme";
```

The Sass logo, featuring the word "Sass" in a stylized, pink, cursive font.

This will basically import one by one the specified files