Sass

(Conceptos Básicos)

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INSTALAR SASS

- ## Comandos

  >> set http_proxy=http://proxy2.sena.edu.co

  >> ruby -v

  >> gem -v

  >> gem install sass

  >> gem list

  >> sass -v

  >> sass –watch sass:css –sourcemap=none –style expanded

SASS / SCSS

- SASS

```
body

    background-color: crimson
```

- SCSS

```
body {

    background-color: crimson;

}
```

REGLAS ANIDADAS

- SASS

```
section
  article
    h1
    p
```

- SCSS

```
section {
  article {
    h1 {
    }
    p {
    }
  }
}
```

REFERENCIA SELECTORES PADRES (&)

- SASS

```
a

  &:hover
```

- SCSS

```
a {

  &:hover {

  }

}
```

COMENTARIOS

- SASS/SCSS

/* Comentario de

multiples líneas.

Aparecerá en el

archivo generado CSS.

*/

// Comentario de Línea, no aparecerá en el archivo CSS.

VARIABLES

- SCSS

```
$ancho: 200px;

$color: #333;


div {

    $alto: 100px !global;

    width: $ancho;

}
```

```
section {

    color: $color + #333;

    margin-left: 4px + 8px/2px;

    width: $ancho/2;

}
```

IMPORTAR

- SCSS

    @import "colors.scss";

    @import "colors";

    @import "buttons", "fonts";

EXTENDER

- SCSS

```scss
.error {
    border: 1px solid #f00;
    background-color: #fdd;
}
.seriousError {
    @extend .error;
    border-width: 4px;
}
```

```scss
.error {
    background-color: #f00;
}
.attention {
    background-color: #ff0;
}
.seriousError {
    @extend .error;
    @extend .attention;
    border-width: 4px;
}
```

CONDICIONALES

- SCSS

```scss
p {
    @if 1 + 1 == 2 { border: 1px solid;  }
    @if 5 < 3     { border: 2px dotted; }
    @if null      { border: 3px double; }
}
```

```scss
$type: monster;
p {
    @if $type == ocean {
      color: blue;
    } @else if $type == matador {
      color: red;
    } @else if $type == monster {
      color: green;
    } @else {
      color: black;
    }
}
```

CICLOS

- ## SCSS

```scss
@for $i from 1 through 3 {
    .item-#{$i} { width: 2em * $i; }
}


@each $animal in puma, sea-slug, egret, salamander {
    .#{$animal}-icon {
        background-image: url('/images/#{$animal}.png');
    }
}
```

```scss
$i: 6;

@while $i > 0 {
    .item-#{$i} { width: 2em * $i; }
    $i: $i - 2;
}
```

MIXINS

- SCSS

```scss
@mixin large-text {
    font: {
        family: Arial;
        size: 20px;
        weight: bold;
    }
    color: #ff0000;
}
```

```scss
.page-title {
    @include large-text;
    padding: 4px;
    margin-top: 10px;
}
```

MIXINS – ARGS

- SCSS

```scss
@mixin sexy-border($color, $width) {
    border: {
        color: $color;
        width: $width;
        style: dashed;
    }
}
p { @include sexy-border(blue, 1in); }
```

```scss
@mixin box-shadow($shadows...) {
    -moz-box-shadow: $shadows;
    -webkit-box-shadow: $shadows;
    box-shadow: $shadows;
}

.shadows {
    @include box-shadow(0px 4px 5px #666,
    2px 6px 10px #999);
}
```