Conceptos Básicos

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INSTALAR SASS

- Comandos

  >> npm install -g sass

  >> npm list -g —deep=0

  >> sass —version

  >> sass sass:css -w -s compressed

  >> sass scss:css -w --no-source-map

SASS / SCSS

- SASS

```
body

    background-color: crimson
```

- SCSS

```
body {

    background-color: crimson;

}
```

REGLAS ANIDADAS

- SASS

```
section
    article
        h1
        p
```

- SCSS

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

- 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

```scss
$ancho: 200px;
$color: #333;

div {
    $alto: 100px !global;
    width: $ancho;
}
```

```scss
section {
    color: $color + #333;
    margin-left: 4px + 8px/2px;
    width: $ancho/2;
}
```

IMPORTAR

- SCSS

  @import "colors.scss";

  @import "colors";

  @import "buttons", "fonts";

- SCSS

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

```css
.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;
}
```

- 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);
}
```