TRABAJAR CSS CON ESTILO

Byron Corrales | @byroncor

OOCSS

OOCSS se inspira en algunos principios de la OOP (abstracción, herencia, composición...)

```css
.header-inside {
    width: 980px;
    height: 260px;
    padding: 20px;
    margin: 0 auto;
    position: relative;
    overflow: hidden;
}
```

```css
.globalwidth {
    width: 980px;
    margin: 0 auto;
    position: relative;
    padding-left: 20px;
    padding-right: 20px;
    overflow: hidden;
}

.header-inside {
    padding-top: 20px;
    padding-bottom: 20px;
    height: 260px;
}
```

```
<header>
    <div class="header-inside globalwidth">
    </div>
</header>

<div class="main globalwidth">
</div>

<footer>
    <div class="footer-inside globalwidth">
    </div>
</footer>
```

PREPROCESADORES CSS

- Reducirás considerablemente el tiempo de desarrollo
- Cambio en el flujo de trabajo

Un preprocesador es un programa que procesa sus datos de entrada para producir una salida que se utiliza como entrada a otro programa

SIMPLE Y PRÁCTICO

```less
// LESS

@color: #4D926F;

#header {
  color: @color;
}
h2 {
  color: @color;
}
```

```css
/* Compiled CSS */

#header {
  color: #4D926F;
}
h2 {
  color: #4D926F;
}
```

DEADLINES

NECESIDAD DEL CLIENTE

Información

Identidad

Público Meta

Capacidad

PROTOTIPO

Usabilidad

Wireframes

Estructura

DISEÑO

Creatividad

Grids

Vectores , bitmaps y colores

HTML, CSS, JS

DESARROLLO

CMS / framework

Modulos y librerias

Server

Pruebas

ETAPAS ÓPTIMAS


NECESIDAD DEL CLIENTE
Capacidad
PROTOTIPO
Estructura
DISEÑO
y colores
HTML, CSS, JS
DESARROLLO
Pruebas
ETAPAS ÓPTIMAS

RESISTENCIA

stylus

Expressive, dynamic, robust CSS

{less}

The dynamic stylesheet language.

LESS extends CSS with dynamic behavior such as variables, mixins, operations and functions.

SASS

Ruby

Compilado del lado del servidor

2006

HAML

LESS

Javascript, nodejs, java, php, python..

Compilado del lado del cliente

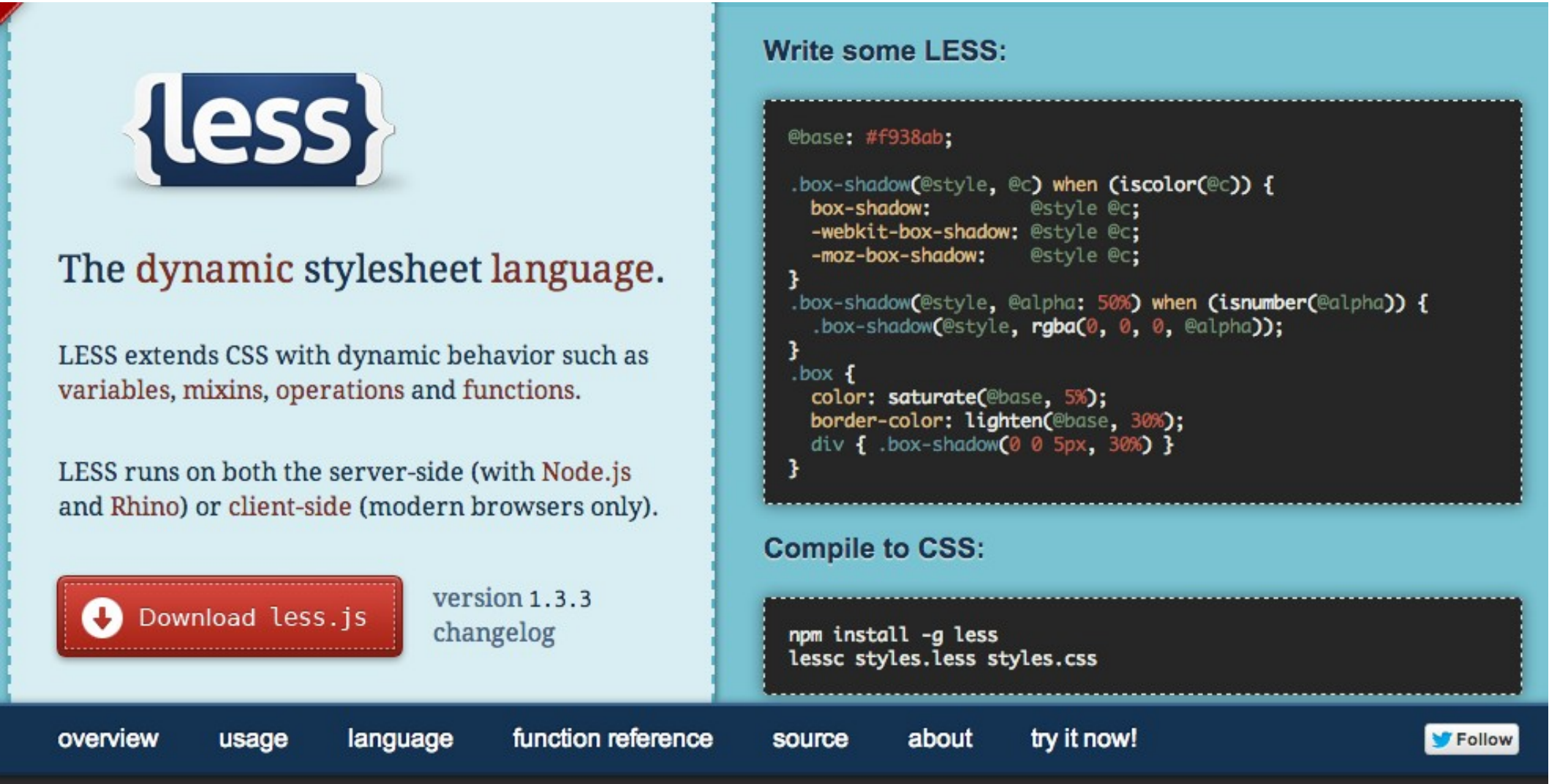
2010

JADE


Home
Get started
Scaffolding
Base CSS
Components
JavaScript
Customize
Bootstra
Bootstrap
Sleek, intuitive, and powerful front-end framework for faster and easier web development.
Download Bootstrap
GitHub project
Examples
Extend
Version 2.2.1
Star
44,870
Fork
Follow @twbootstrap
50.7K followers
Tweet
17.6K

YO ESCOGÍ LESSCSS

lesscss.org



VENTAJAS

- Una mejor organización del código
- Proyectos más fáciles de mantener
- Reutilización de código
- Comentarios privados en modo desarrollo

DESVENTAJAS

- Debe aprender a usarse, y todo el equipo de desarrollo debe usarlo
- Poco probable que quieras regresar al css común

INSTALACIÓN - CLIENTE

Descargar en http://lesscss.org/

```
<link rel="stylesheet/less" type="text/css" href="styles.less" />

<script src="less.js" type="text/javascript"></script>
```

INSTALACIÓN - SERVER

npm install -g less

lessc styles.less styles.css

INSTALACIÓN - SERVER

npm install -g less

lessc styles.less styles.css

VARIABLES

```less
// LESS

@color: #4D926F;

#header {
  color: @color;
}
h2 {
  color: @color;
}
```

```css
/* Compiled CSS */

#header {
  color: #4D926F;
}
h2 {
  color: #4D926F;
}
```

MIXINGS / FUNCIONES

```less
// LESS

.rounded-corners (@radius: 5px) {
  -webkit-border-radius: @radius;
  -moz-border-radius: @radius;
  -ms-border-radius: @radius;
  -o-border-radius: @radius;
  border-radius: @radius;
}

#header {
  .rounded-corners;
}
#footer {
  .rounded-corners(10px);
}
```

```css
/* Compiled CSS */

#header {
  -webkit-border-radius: 5px;
  -moz-border-radius: 5px;
  -ms-border-radius: 5px;
  -o-border-radius: 5px;
  border-radius: 5px;
}
#footer {
  -webkit-border-radius: 10px;
  -moz-border-radius: 10px;
  -ms-border-radius: 10px;
  -o-border-radius: 10px;
  border-radius: 10px;
}
```

NESTED RULES

```less
// LESS

#header {
  h1 {
    font-size: 26px;
    font-weight: bold;
  }
  p { font-size: 12px;
    a { text-decoration: none;
      &:hover { border-width: 1px }
    }
  }
}
```

```css
/* Compiled CSS */

#header h1 {
  font-size: 26px;
  font-weight: bold;
}
#header p {
  font-size: 12px;
}
#header p a {
  text-decoration: none;
}
#header p a:hover {
  border-width: 1px;
}
```

OPERACIONES

```less
// LESS

@the-border: 1px;
@base-color: #111;
@red:        #842210;

#header {
  color: (@base-color * 3);
  border-left: @the-border;
  border-right: (@the-border * 2);
}
#footer {
  color: (@base-color + #003300);
  border-color: desaturate(@red, 10%);
}
```

```css
/* Compiled CSS */

#header {
  color: #333;
  border-left: 1px;
  border-right: 2px;
}
#footer {
  color: #114411;
  border-color: #7d2717;
}
```

@arguments

```
.box-shadow (@x: 0, @y: 0, @blur: 1px, @color: #000) {
  box-shadow: @arguments;
  -moz-box-shadow: @arguments;
  -webkit-box-shadow: @arguments;
}
.box-shadow(2px, 5px);
```

```
  box-shadow: 2px 5px 1px #000;
  -moz-box-shadow: 2px 5px 1px #000;
  -webkit-box-shadow: 2px 5px 1px #000;
```

GUARDS

```
.mixin (@a) when (lightness(@a) >= 50%) {
  background-color: black;
}
.mixin (@a) when (lightness(@a) < 50%) {
  background-color: white;
}
.mixin (@a) {
  color: @a;
}
```

```
.class1 { .mixin(#ddd) }
.class2 { .mixin(#555) }
```

```
.class1 {
  background-color: black;
  color: #ddd;
}
.class2 {
  background-color: white;
  color: #555;
}
```

CHECKING FUNCTIONS

iscolor
isnumber
isstring
iskeyword
Isurl

ispixel
ispercentage
isem

```
.mixin (@a) when (isnumber(@a)) and (@a > 0) { ... }
```

COMENTARIOS

// Asi se escribe un comentario en less

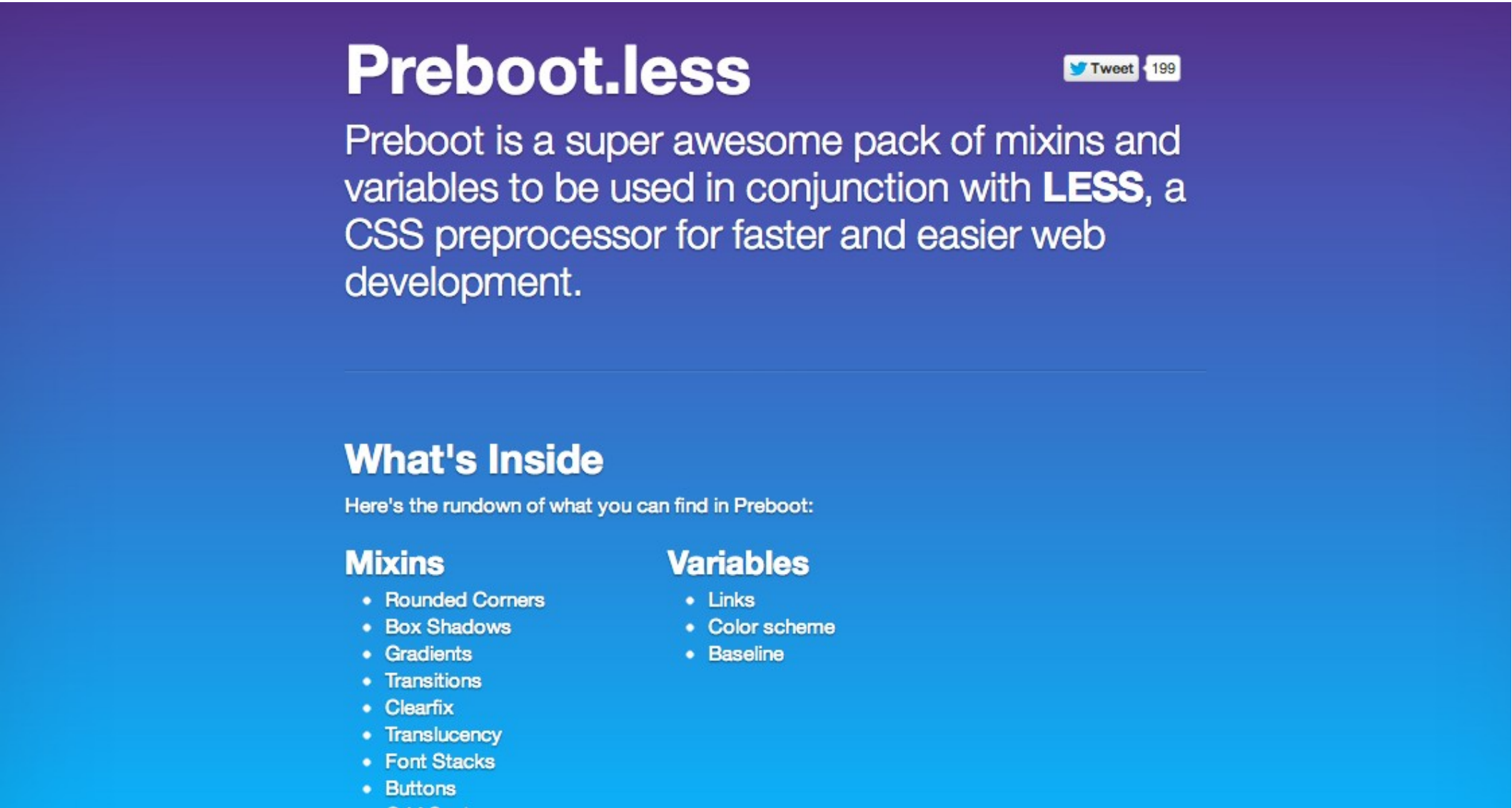
/* Asi se escribe un comentario convencional en css*/

LO MAS INTERESANTE ES
LO QUE PODES CREAR


style.less
@import "lib_style.less";
lib_style.less

```less
.linear-gradient(@start:#eee,@end:#fff,@stop:25%){
    background-color: @start;
    background-repeat: no-repeat;
    background-image: -webkit-gradient(linear, 0 0, 0 100%, from(@start), color-stop(@stop, @start), to(@end));
    background-image: -webkit-linear-gradient(@start, @start @stop, @end);
    background-image: -moz-linear-gradient(top, @start, @start @stop, @end);
    background-image: -ms-linear-gradient(@start, @start @stop, @end);
    background-image: -o-linear-gradient(@start, @start @stop, @end);
    background-image: linear-gradient(@start, @start @stop, @end);
}

.opacidad(@o:0.7){
    opacity: @o;
    -moz-opacity: @o;
    filter:alpha(opacity=@o);
}

/* Shadows */

.box-shadow (@hor: 0px, @vert: 0px, @blur: 5px, @border:0px, @shadow: #929292){
    -webkit-box-shadow: @arguments;
    -moz-box-shadow: @arguments;
    box-shadow: @arguments;
}

.box-double-shadow (@hor: 0px, @vert: 0px, @blur: 0px, @border:5px, @shadow: #929292, @hor2: 0px, @vert2: 0px, @blur
    -webkit-box-shadow: @hor @vert @blur @border @shadow, @hor2 @vert2 @blur2 @border2 @shadow2;
    -moz-box-shadow: @hor @vert @blur @border @shadow, @hor2 @vert2 @blur2 @border2 @shadow2;
    box-shadow: @hor @vert @blur @border @shadow, @hor2 @vert2 @blur2 @border2 @shadow2;
}

.box-shadow-inset (@hor: 0px, @vert: 0px, @blur: 5px, @shadow: #929292){
    -webkit-box-shadow: @arguments inset !important;
    -moz-box-shadow: @arguments inset !important;
    box-shadow: @arguments inset !important;
}

.text-shadow(@hor: 0px, @vert: 0px, @blur: 5px, @shadow: #929292){
    text-shadow: @arguments;
    -moz-text-shadow: @arguments;
    -webkit-text-shadow: @arguments;
}
```

markdotto.com/bootstrap/



lesselements.com

LESS Elements

A set of basic mixins for the LESS CSS pre-processor. Most of these mixins focus on consolidating cross-browser prefixes into single, concise declarations. LESS Elements is not an extensive mixin library — just the essentials. See the mixins in actions on the test page.

To use:

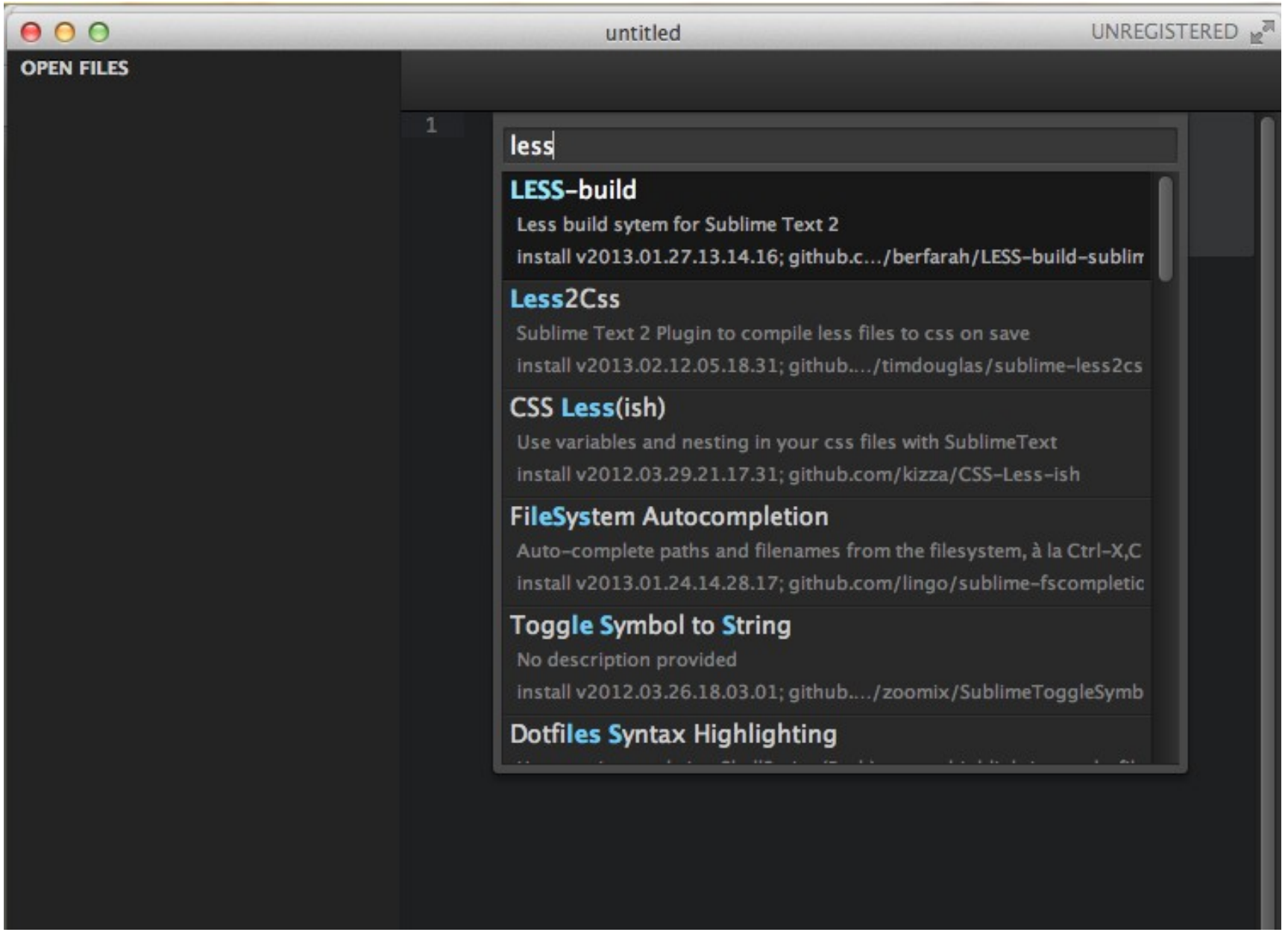
1. Download the "elements.less" file.
2. Place it in the same folder with your other LESS files.
3. Reference it at the top of your LESS stylesheets with:

```
@import "elements.less";
```

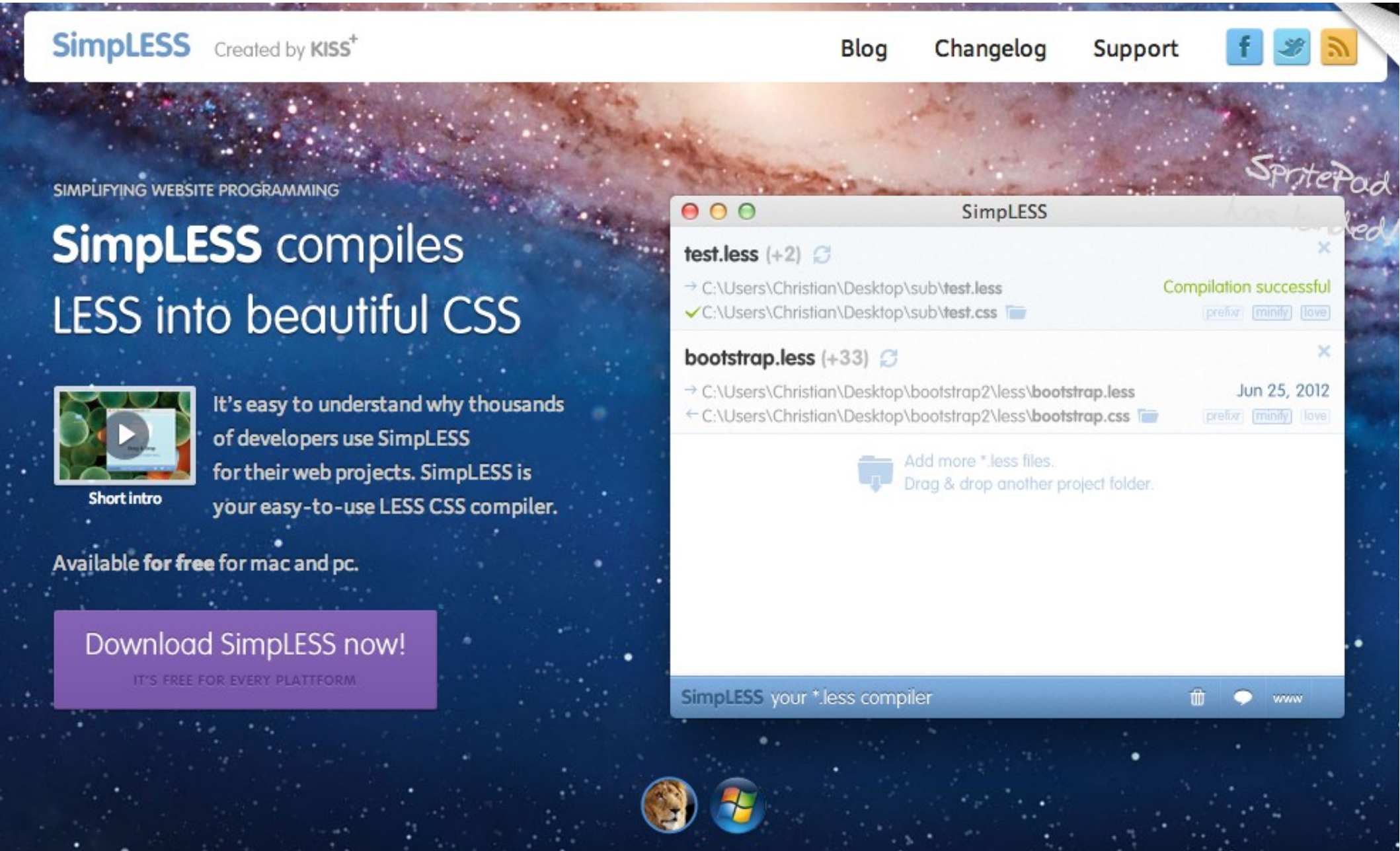
Download LESS Elements | Fork on Github

APPS

SublimeText



wearekiss.com/simpless



incident57.com/codekit/

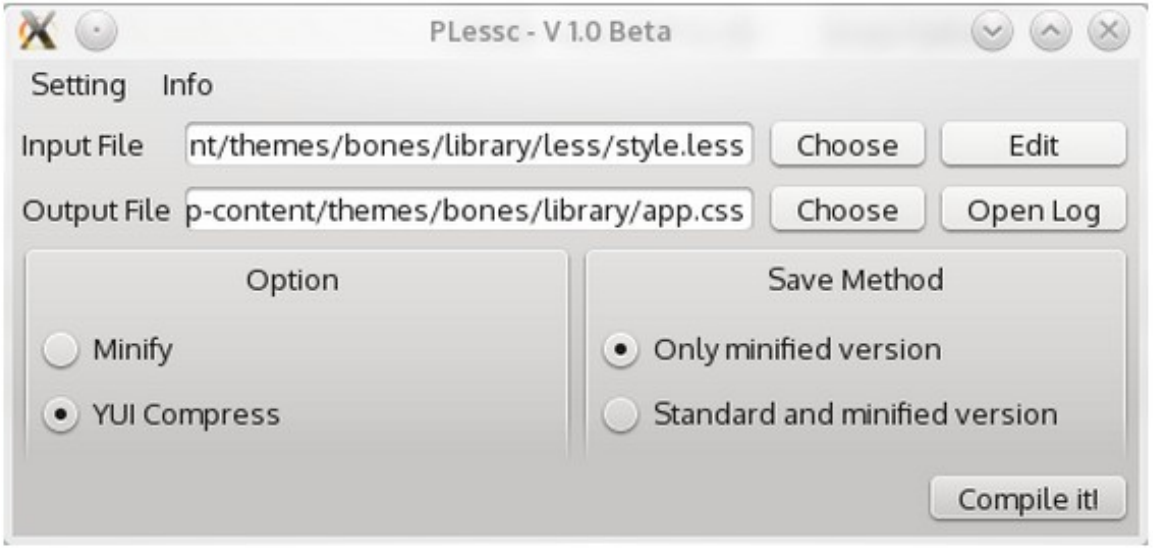
github.com/Mte90/Plessc

Linux

Plessc

https://github.com/Mte90/Plessc

Plessc is a gui fronted made with PyQT. Support the log and the option for open the less file (or the less file present in the folder of the input file) on the editor choosen.



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LESS CSS Preprocessor

View | Version control

Posted by corey.aufang on *March 3, 2010 at 8:56pm*

This is a preprocessor for LESS files.

Built using the lessphp library by Leaf Corcoran.

This module will automatically process any LESS files that are added using drupal_add_css or added through your theme's .info file.

Add your files just like any other css file, just with .less as the extension, and they will be automatically processed.

7.x-3.x New Features

There are several new features:

- Live style reload
- Variables editable in UI per theme

WP-LESS

Implementation of LESS (Leaner CSS) in order to make themes development easier.

Description | Installation | FAQ | Screenshots | Changelog | Stats | Support | Rev

LESS is a templating language based on top of CSS. It provides numerous enhancements to speed up development and make its maintenance easier.

Theme developers can even bundle the plugin without worrying about conflicts: just include the special `bootstrap-for-theme.php` and read its instructions.

Features

- Variables
- Mixins (inheritance of rules)
- Nested Rules (write less, do more)
- Accessors (inherit a value from a specific rule)
- Functions (logic operations for dynamic results)

Project Versions

master
latest
1.1.2
1.0.1
0.9.2
0.8
0.7.1
0.6.4
0.5.3

RTD Search

Go

Full-text doc search.

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Django Compressor

Compresses linked and inline JavaScript or CSS into a single cached file.

Why another static file combiner for Django?

Short version: None of them did exactly what I needed.

Long version:

JS/CSS belong in the templates

Every static combiner for Django I've seen makes you configure your static files in your `settings.py`. While that works, it doesn't make sense. Static files are for display. And it's not even an option if your settings are in completely different repositories and use different deploy processes from the templates that depend on them.

Flexibility

Django Compressor doesn't care if different pages use different combinations of statics. It doesn't care if you use inline scripts or styles. It doesn't get in the way.

Automatic regeneration and cache-foreverable generated output

Statics are never stale and browsers can be told to cache the output forever.

```
{% load compress %}

{% if debug %}
// This is the client-side way to compile less and an ok choice for local dev
<link rel="stylesheet/less" type="text/css" media="all" href="{{ STATIC_URL }}less/style.less" />
<script src="{{ STATIC_URL }}js/less-1.3.0.min.js"></script>
{% else %}
{% compress css %}
// This is the nifty django-compressor way to compile your less files in css
<link rel="stylesheet" type="text/less" media="all" href="{{ STATIC_URL }}less/style.less" />
{% endcompress %}
{% endif %}
```

GRACIAS