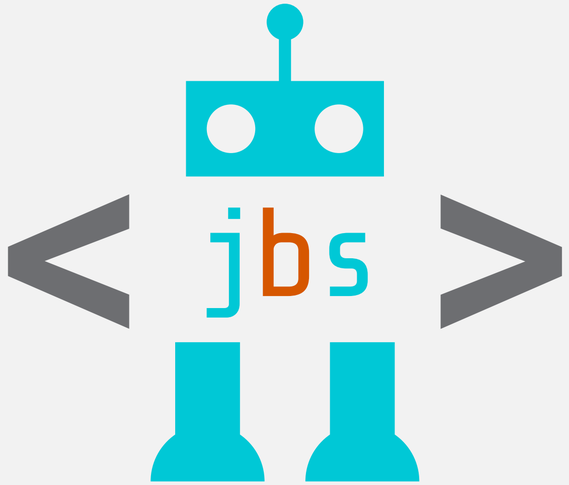
bootstrap your wordpress workflow

slides at jeffbrockstudio.com/seattle2015



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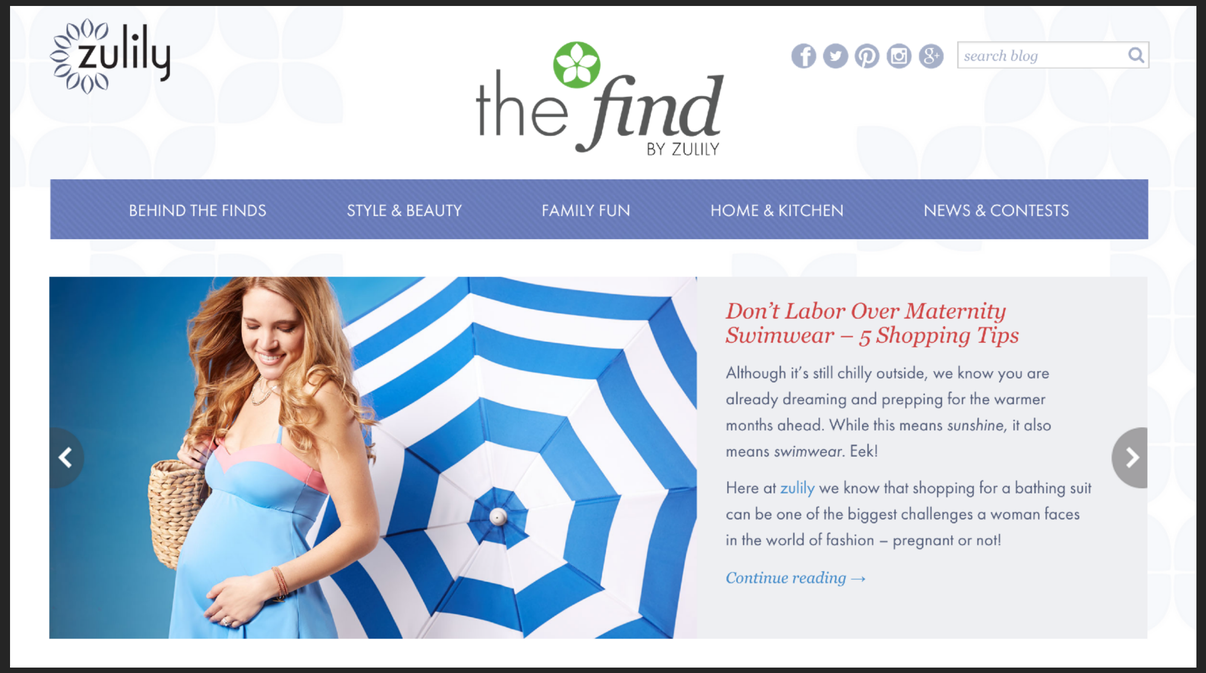
designdevelopmentwordpress

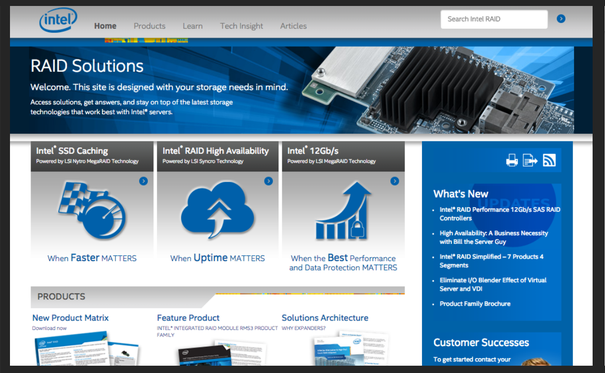
<jeffbrockstudio.com> 415_902_6577

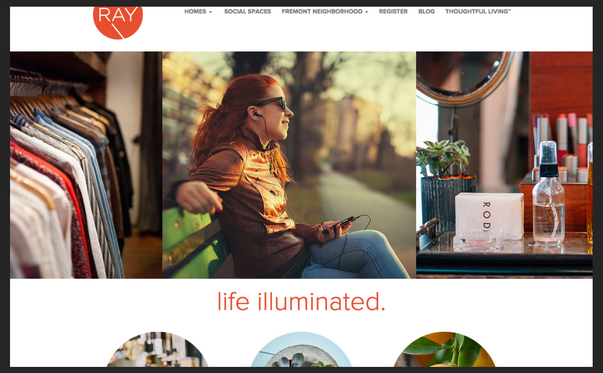
SEATTLE • 2015

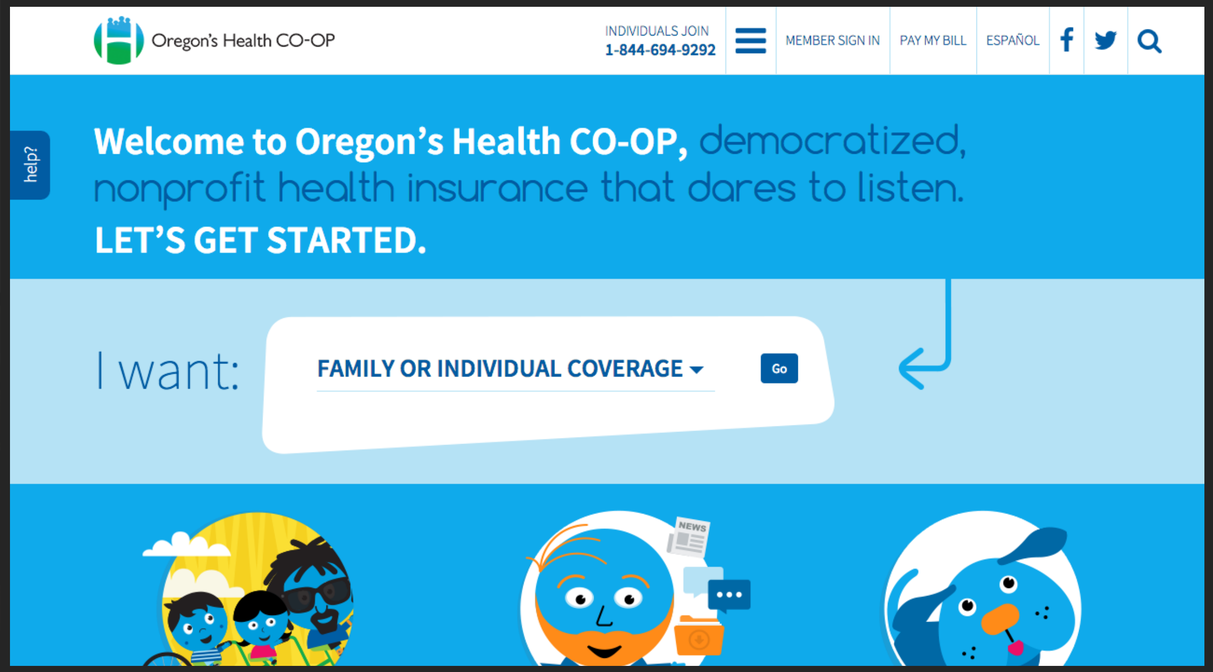
EXPERIENCED EDITION

wordpress + bootstrap = 💰









inspired by ...

morten rand-hendriksen
@mor10

Morton's talk at
WordCamp Seattle 2014,
"Web Design is a Process":
http://bit.ly/1FARoq7

josh pollock
@Josh412

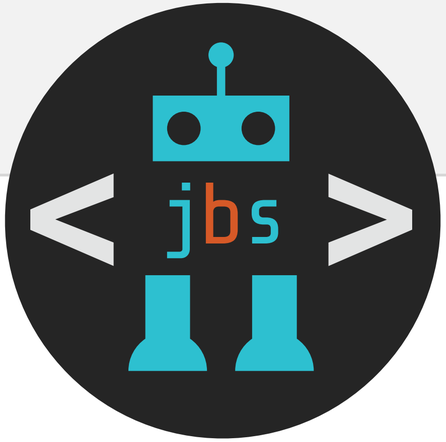
Josh's WPMUDEV article
"No More Cowboy Coding":
http://bit.ly/1xeLzMc

workflow frameworks

sass

bootstrap

_s theme

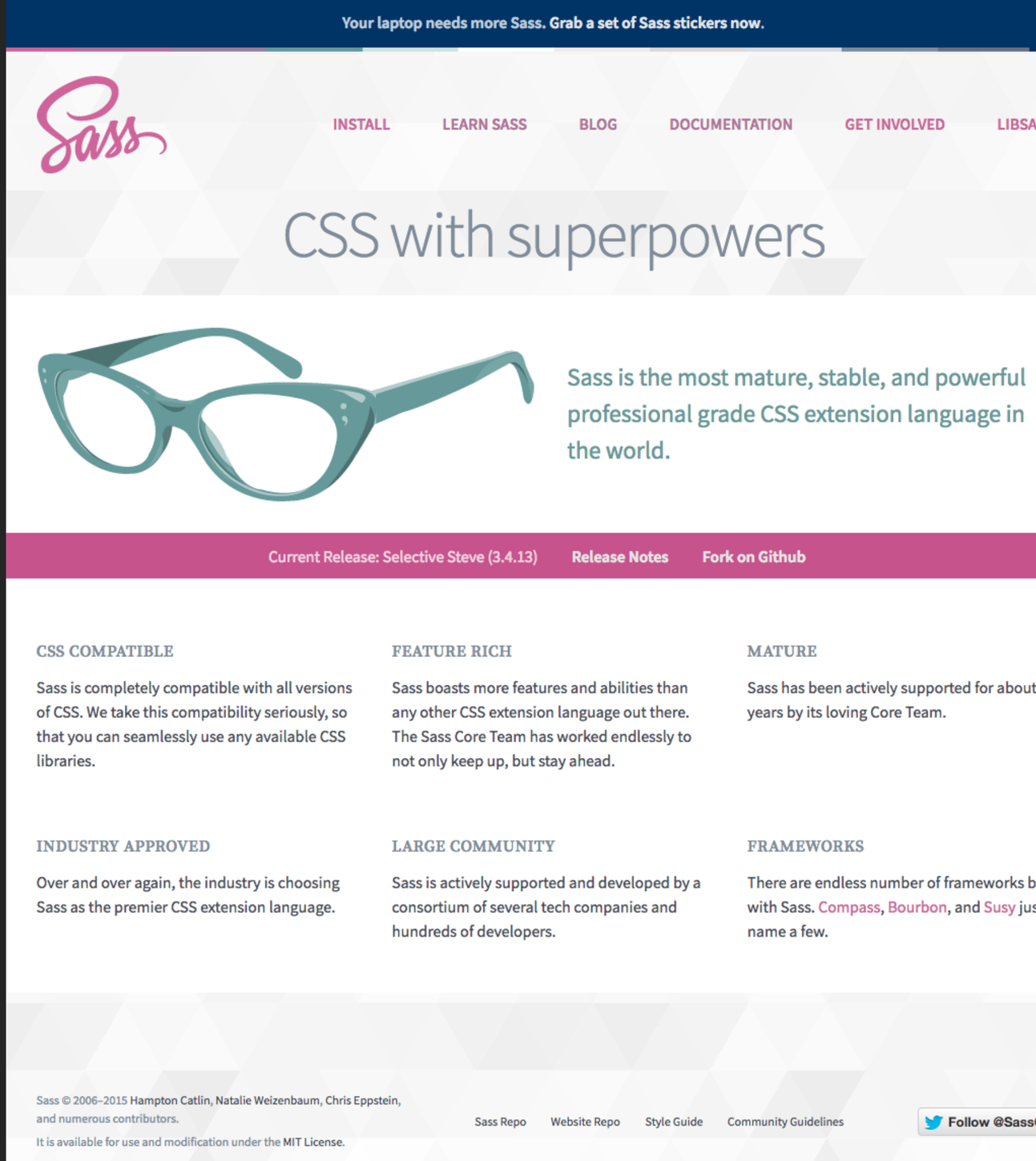


_ jbs theme

sass

sass-lang.com

- Syntactically Awesome Style Sheets
- CSS pre-processor that extends the CSS language
- Nest your selectors for easy-to-read, easy-to-update styles with much less repetition
- Use variables, mixins, functions, and partials



less

lesscss.org

- Fewer features and abilities than Sass

Getting Started

Less is a CSS pre-processor, meaning that it extends the CSS language, adding features that allow variables, mixins, functions and many other techniques that allow you to make CSS that is more maintainable, themable and extendable.

Less runs inside Node, in the browser and inside Rhino. There are also many 3rd party tools that allow you to compile your files and watch for changes.

For example:

```
@base: #f938ab;

.box-shadow(@style, @c) when (iscolor(@c)) {
  -webkit-box-shadow: @style @c;
  box-shadow:         @style @c;
}
.box-shadow(@style, @alpha: 50%) when (isnumber(@alpha)) {
  .box-shadow(@style, rgba(0, 0, 0, @alpha));
}
.box {
  color: saturate(@base, 5%);
  border-color: lighten(@base, 30%);
  div { .box-shadow(0 0 5px, 30%) }
}
```

compiles to

```
.box {
  color: #fe33ac;
  border-color: #fdcdea;
}
.box div {
  -webkit-box-shadow: 0 0 5px rgba(0, 0, 0, 0.3);
  box-shadow: 0 0 5px rgba(0, 0, 0, 0.3);
}
```

bootstrap

getbootstrap.com

- Most popular HTML, CSS, and JS framework for developing responsive, mobile-first projects on the web
- Ubiquity makes it easier to port from a non-WordPress site into WordPress
- Huge developer community

jbs @jeffbrockstudio

Designed for everyone, everywhere.

Bootstrap makes front-end web development faster and easier. It's made for folks of all skill levels, devices of all shapes, and projects of all sizes.

Preprocessors

Bootstrap ships with vanilla CSS, but its source code utilizes the two most popular CSS preprocessors, Less and Sass. Quickly get started with precompiled CSS or build on the source.

One framework, every device.

Bootstrap easily and efficiently scales your websites and applications with a single code base, from phones to tablets to desktops with CSS media queries.

Full of features

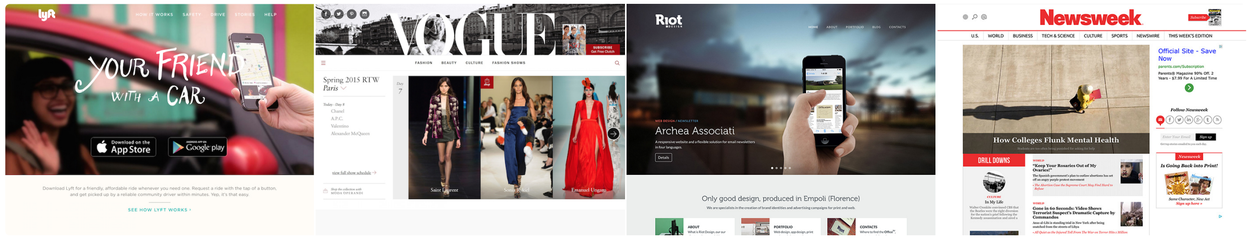
With Bootstrap, you get extensive and beautiful documentation for common HTML elements, dozens of custom HTML and CSS components, and awesome jQuery plugins.

Bootstrap is open source. It's hosted, developed, and maintained on GitHub.

View the GitHub project

Built with Bootstrap.

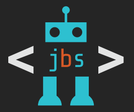
Millions of amazing sites across the web are being built with Bootstrap. Get started on your own with our growing collection of examples or by exploring some of our favorites.



bootstrap

getbootstrap.com

- Based on 12 columns
- Easy-to-use media queries for responsive design
- Built-in components for dropdowns, buttons, forms, navbars



@jeffbrockstudio

Example: Mobile and desktop

Don't want your columns to simply stack in smaller devices? Use the extra small and medium device grid classes by adding `.col-xs-*` `.col-md-*` to your columns. See the example below for a better idea of how it all works.

.col-xs-12 .col-md-8	.col-xs-6 .col-md-4

.col-xs-6 .col-md-4	.col-xs-6 .col-md-4	.col-xs-6 .col-md-4

.col-xs-6	.col-xs-6

Copy

```
<!-- Stack the columns on mobile by making one full-width and the other half-width -->
<div class="row">
  <div class="col-xs-12 col-md-8">.col-xs-12 .col-md-8</div>
  <div class="col-xs-6 col-md-4">.col-xs-6 .col-md-4</div>
</div>

<!-- Columns start at 50% wide on mobile and bump up to 33.3% wide on desktop -->
<div class="row">
  <div class="col-xs-6 col-md-4">.col-xs-6 .col-md-4</div>
  <div class="col-xs-6 col-md-4">.col-xs-6 .col-md-4</div>
  <div class="col-xs-6 col-md-4">.col-xs-6 .col-md-4</div>
</div>

<!-- Columns are always 50% wide, on mobile and desktop -->
<div class="row">
  <div class="col-xs-6">.col-xs-6</div>
  <div class="col-xs-6">.col-xs-6</div>
</div>
```

Example: Mobile, tablet, desktop

Build on the previous example by creating even more dynamic and powerful layouts with tablet `.col-sm-*` classes.

.col-xs-12 .col-sm-6 .col-md-8	.col-xs-6 .col-md-4

.col-xs-6 .col-sm-4	.col-xs-6 .col-sm-4	.col-xs-6 .col-sm-4

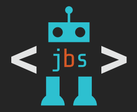
Copy

```
<div class="row">
  <div class="col-xs-12 col-sm-6 col-md-8">.col-xs-12 .col-sm-6 .col-md-8</div>
  <div class="col-xs-6 col-md-4">.col-xs-6 .col-md-4</div>
</div>
<div class="row">
  <div class="col-xs-6 col-sm-4">.col-xs-6 .col-sm-4</div>
  <div class="col-xs-6 col-sm-4">.col-xs-6 .col-sm-4</div>
  <!-- Optional: clear the XS cols if their content doesn't match in height -->
  <div class="clearfix visible-xs-block"></div>
```

bootstrap sass

github.com/twbs/bootstrap-sass

- Official Sass port
- Contents differ greatly from main Bootstrap project for compatibility with as many Sass-based systems as possible
- Change a single style variable to reflect throughout CSS



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This repository Search Explore Gist Blog Help JeffBrockStudio

twbs / bootstrap-sass

Watch 515 Star 8,514 Fork 1,882

Official Sass port of Bootstrap http://getbootstrap.com/css/#sass

919 commits 11 branches 55 releases 90 contributors

branch: master bootstrap-sass / +

Bump the Ruby gem version only ...

glebm authored 5 days ago latest commit 1f269b15ff

assets	rake convert	8 days ago
lib	Bump the Ruby gem version only	5 days ago
tasks	converter: simplify replace_mixins	8 days ago
templates/project	rake convert	8 days ago
test	tests: fix rails app config deprecation	8 days ago
.gitignore	Merge branch 'next'	5 months ago
.travis.yml	travis: no longer test alt rubies	3 months ago
CHANGELOG.md	v3.3.4	8 days ago
CONTRIBUTING.md	Update CONTRIBUTING.md #822	2 months ago
Gemfile	converter: recursive tree fetch	8 days ago
LICENSE	Update license to match upstream	a year ago
README.md	v3.3.4	8 days ago
Rakefile	tests: dummy rails app server task & fixes	8 days ago
bootstrap-sass.gemspec	Relax runtime dependencies and set min versions	2 months ago
bower.json	bump bower.json to v3.3.4	8 days ago
composer.json	bump package.json, bower.json, and composer.json	5 months ago
package.json	rake convert	8 days ago
sache.json	add sache.json #657	9 months ago

Code Issues 11 Pull requests 3 Pulse Graphs

HTTPS clone URL https://github.com/twbs/b

You can clone with HTTPS, SSH, or Subversion.

Clone in Desktop Download ZIP

README.md

Bootstrap for Sass

gem version 3.3.4.1 npm v3.3.4 bower package 3.3.4 build passing

`bootstrap-sass` is a Sass-powered version of Bootstrap, ready to drop right into your Sass powered applications.

_s (underscores)

underscores.me

- Ultra-minimal starter theme
- Based on best practices
- From Automattic, the company behind WordPress.com

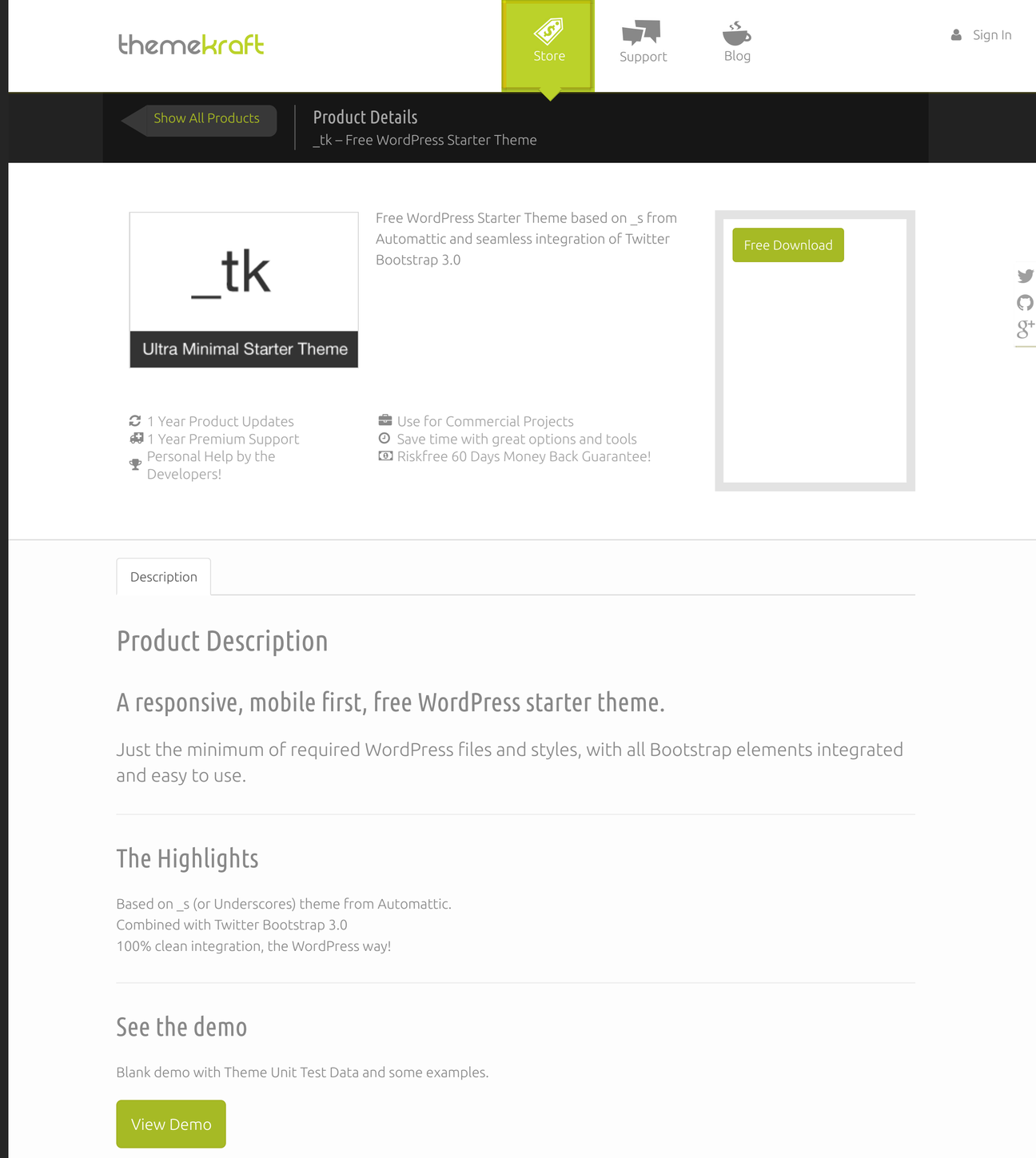
<jbs> @jeffbrockstudio

_tk (themekraft)

github.com/Themekraft/_tk

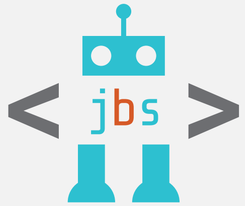
themekraft

- Starter theme by Sven Lehnert
- Combines underscores and Bootstrap Less

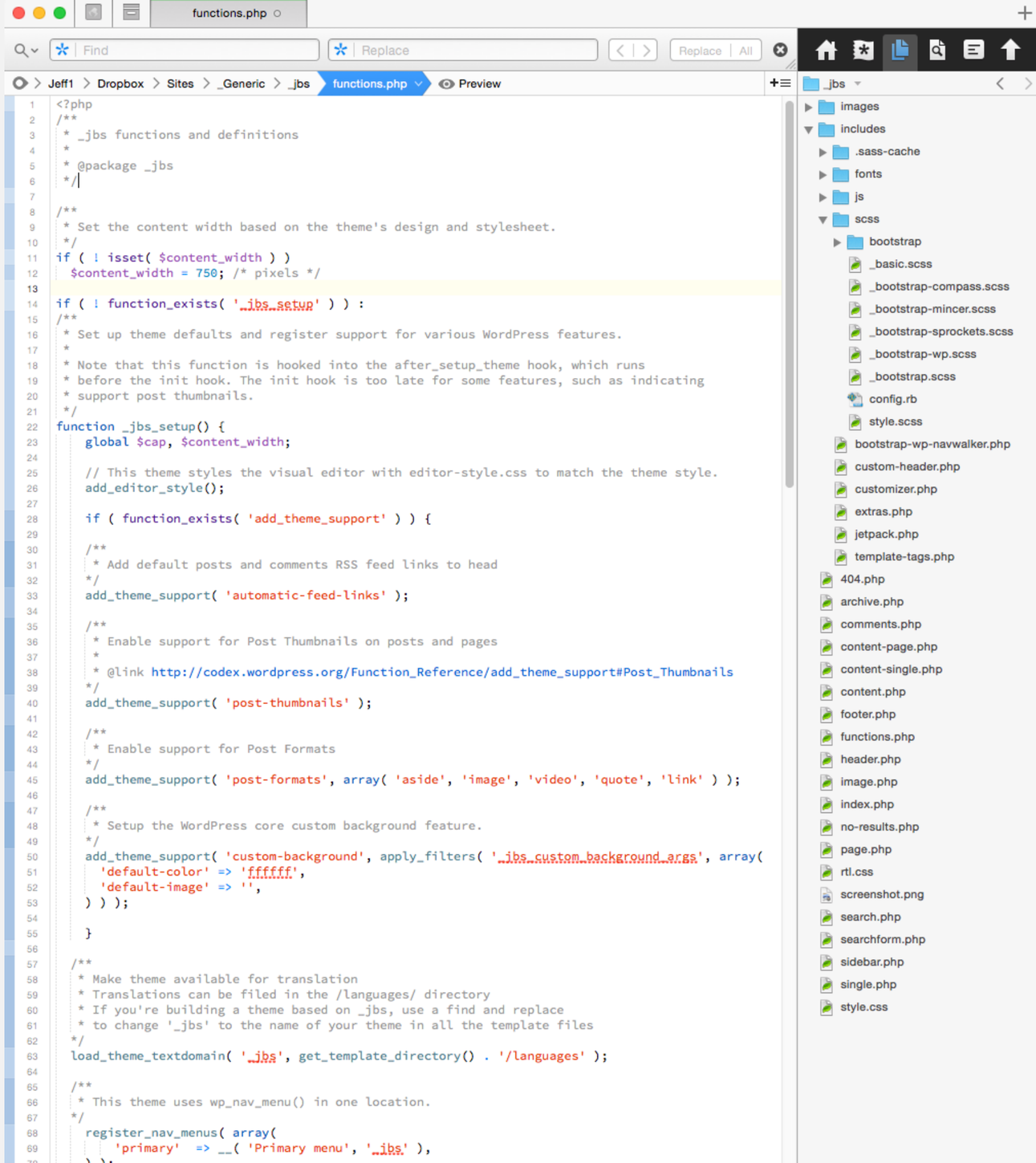


_ jbs

github.com/jeffbrockstudio/_ jbs



- Starter theme combining:
  1. _s (underscores)
  2. _tk (Themekraft Starter Theme)
  3. Official Sass port of Bootstrap 3.2




```php
<?php
/**
 * _jbs functions and definitions
 *
 * @package _jbs
 */

/**
 * Set the content width based on the theme's design and stylesheet.
 */
if ( ! isset( $content_width ) )
  $content_width = 750; /* pixels */

if ( ! function_exists( '_jbs_setup' ) ) :
/**
 * Set up theme defaults and register support for various WordPress features.
 *
 * Note that this function is hooked into the after_setup_theme hook, which runs
 * before the init hook. The init hook is too late for some features, such as indicating
 * support post thumbnails.
 */
function _jbs_setup() {
    global $cap, $content_width;

    // This theme styles the visual editor with editor-style.css to match the theme style.
    add_editor_style();

    if ( function_exists( 'add_theme_support' ) ) {

    /**
     * Add default posts and comments RSS feed links to head
     */
    add_theme_support( 'automatic-feed-links' );

    /**
     * Enable support for Post Thumbnails on posts and pages
     *
     * @link http://codex.wordpress.org/Function_Reference/add_theme_support#Post_Thumbnails
     */
    add_theme_support( 'post-thumbnails' );

    /**
     * Enable support for Post Formats
     */
    add_theme_support( 'post-formats', array( 'aside', 'image', 'video', 'quote', 'link' ) );

    /**
     * Setup the WordPress core custom background feature.
     */
    add_theme_support( 'custom-background', apply_filters( '_jbs_custom_background_args', array(
      'default-color' => 'ffffff',
      'default-image' => '',
    ) ) );

    }

  /**
   * Make theme available for translation
   * Translations can be filed in the /languages/ directory
   * If you're building a theme based on _jbs, use a find and replace
   * to change '_jbs' to the name of your theme in all the template files
   */
  load_theme_textdomain( '_jbs', get_template_directory() . '/languages' );

  /**
   * This theme uses wp_nav_menu() in one location.
   */
    register_nav_menus( array(
        'primary'  => __( 'Primary menu', '_jbs' ),
    ) );
```

workflow tools

tsheets

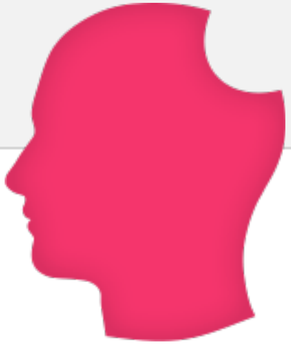
desktopserver

virtualbox

github

codekit

coda



wp migrate db

backupbuddy

tsheets

tsheets.com

- Single or multiple employees
- Unlimited job codes and project codes
- Review your hours after completing each project to spot bottlenecks in your workflow
- $10/month for single freelancer

@jeffbrockstudio

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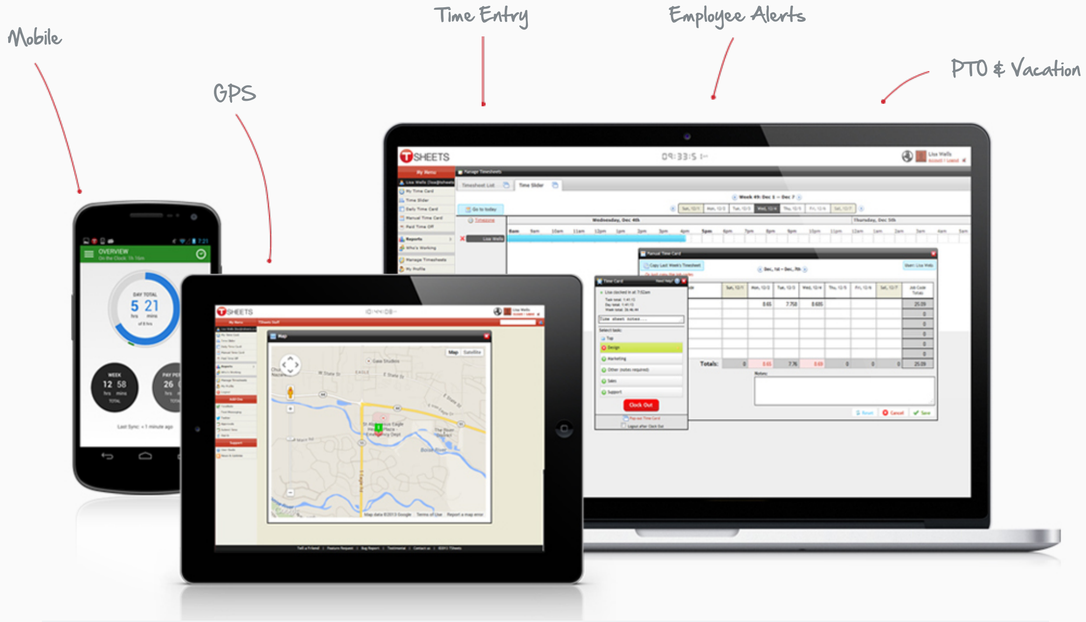
Time Tracking Made Easy



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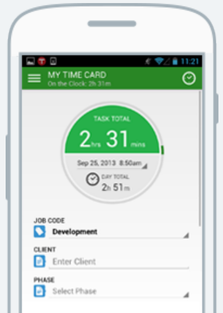
Mobile Time Tracking

Track time from any location, using any device, in real time.

For employees who work remotely or switch jobs or locations regularly, there's TSheets' mobile time tracking. Using the devices they already have and are familiar with, your employees can track time quickly and easily. Employees clock in and out on their desktop, laptop, or mobile phone—using iPhone or Android apps, text messaging and dial in. Even offline or out of service, TSheets accurately tracks time and automatically syncs when back in service. 7 Mobile Ways to Track Time



the server trilogy

development

On your local computer.
Blazingly fast.
Well worth the effort
to set up.

staging

For client review.
Use your own server to
ensure client pays you
before site goes live.

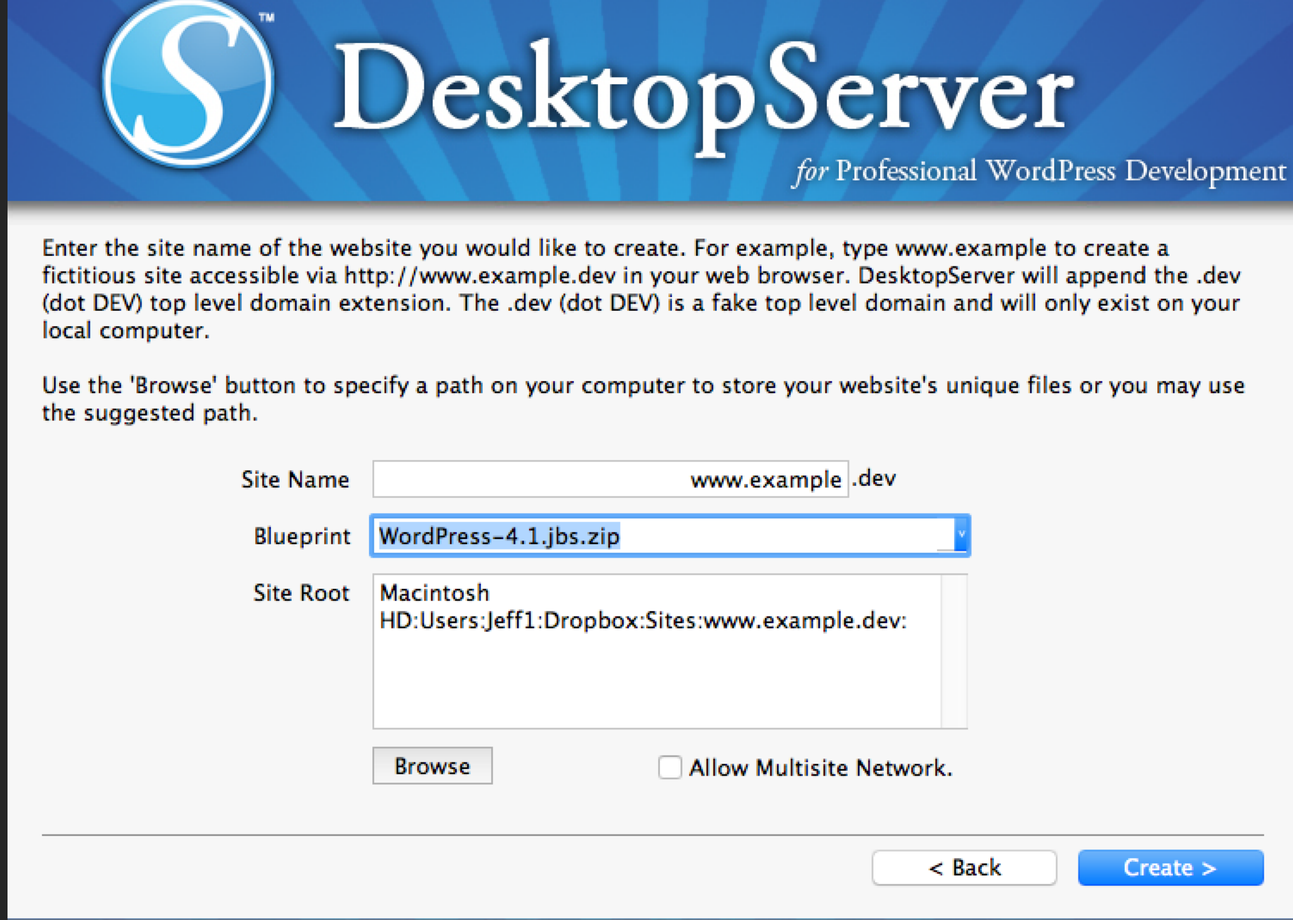
production

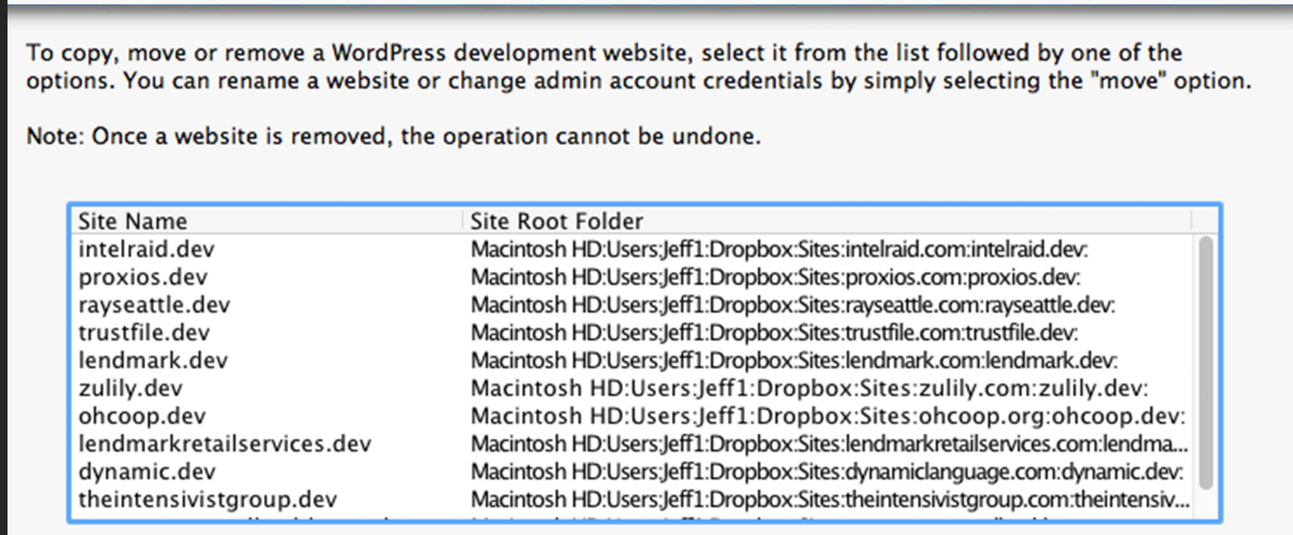
Push to production
with confidence.
No more cowboy coding
on live sites!

desktopserver

serverpress.com

- Create reusable blueprints of plugins, themes, and settings
- Work locally without an Internet connection
- $99.95 annual fee

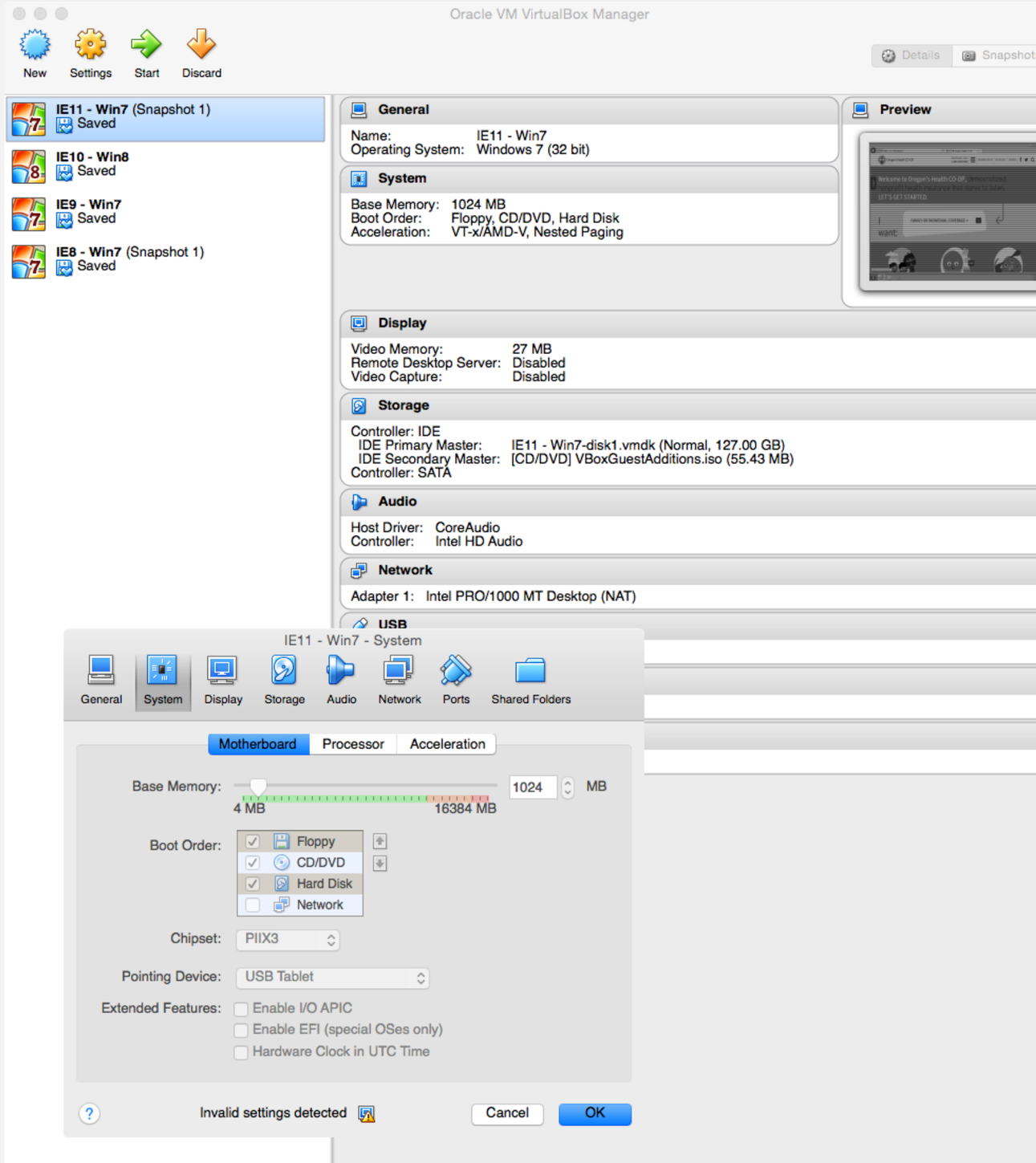




virtualbox

virtualbox.org

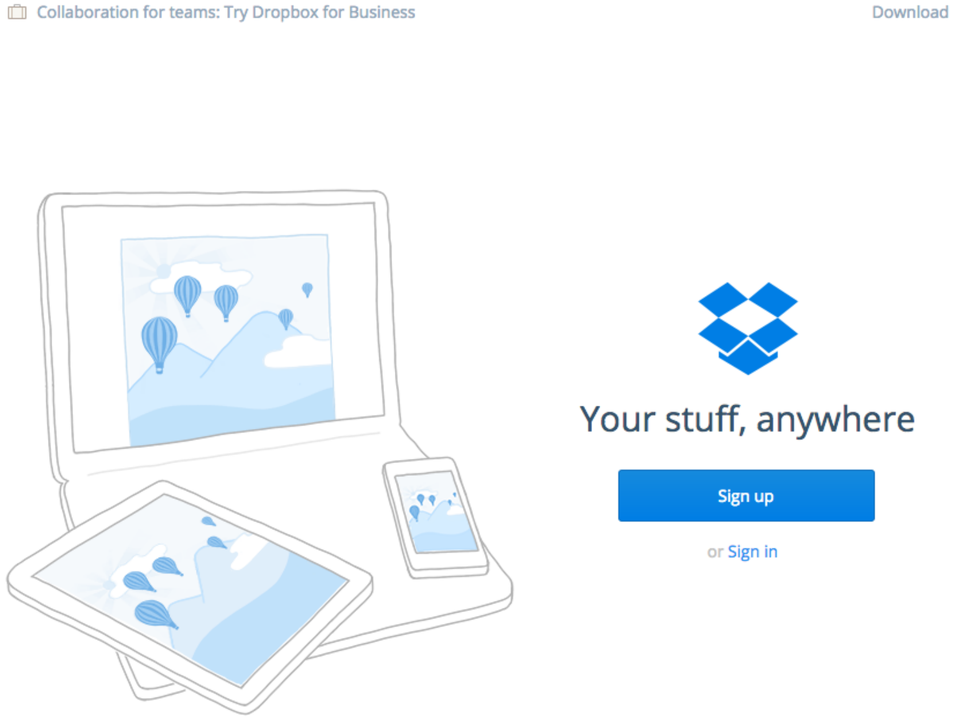
- IE11, IE10, IE9, IE8 Virtual Machines
- modern.ie/en-us/virtualization-tools
- Free

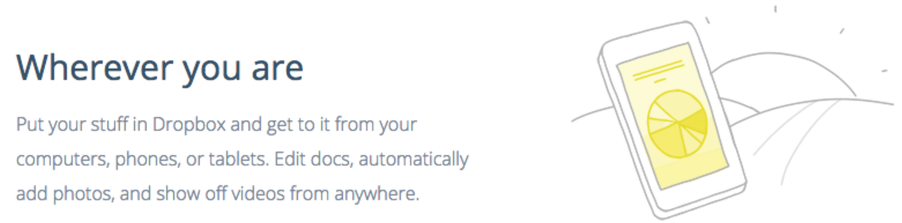


dropbox

dropbox.com

- Location for development files
- Keep revision history
- Send automatic backups here
- $9.99/month for DropBox Pro

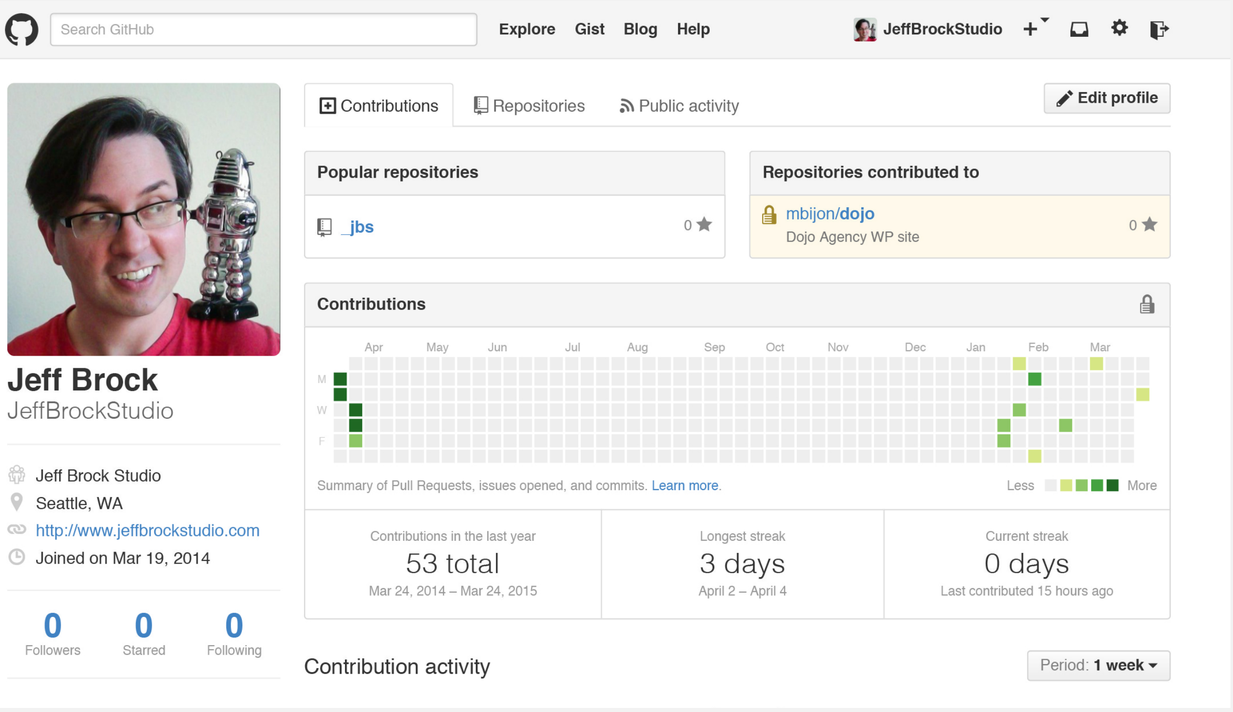


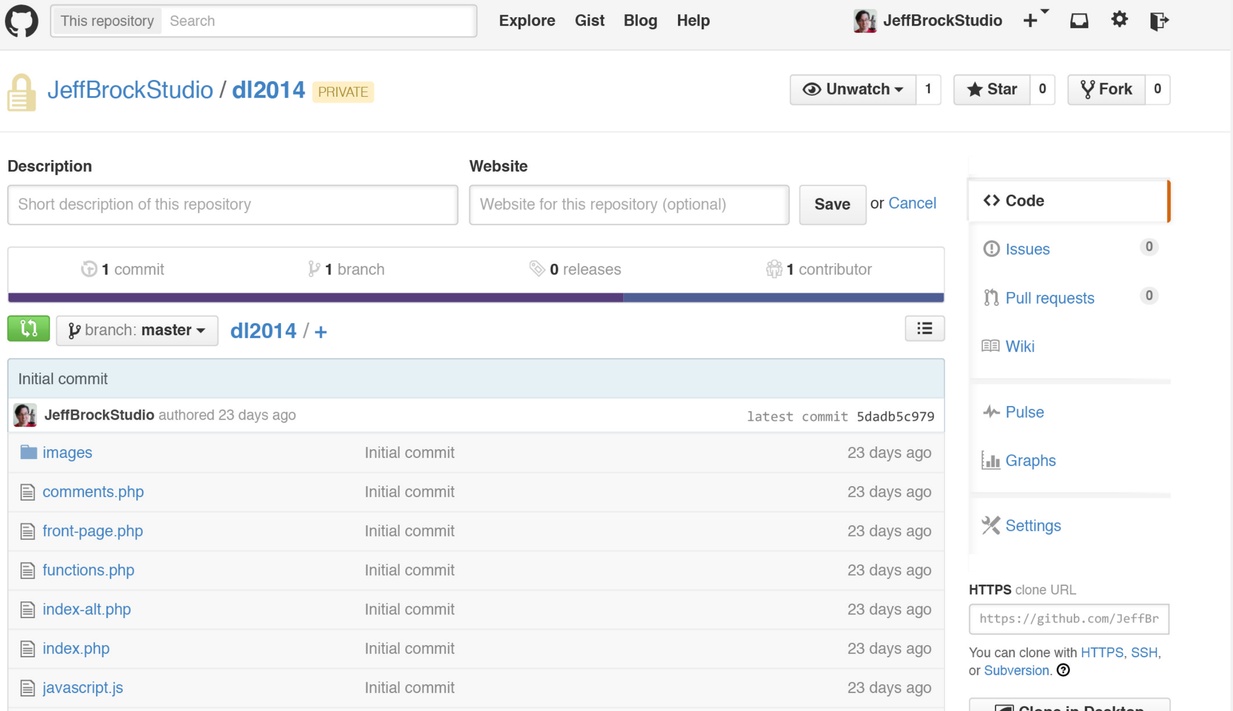


github

github.com

- Experiment freely with your code without worrying
- Share with others on the team
- Create private repositories with an account, $7/month





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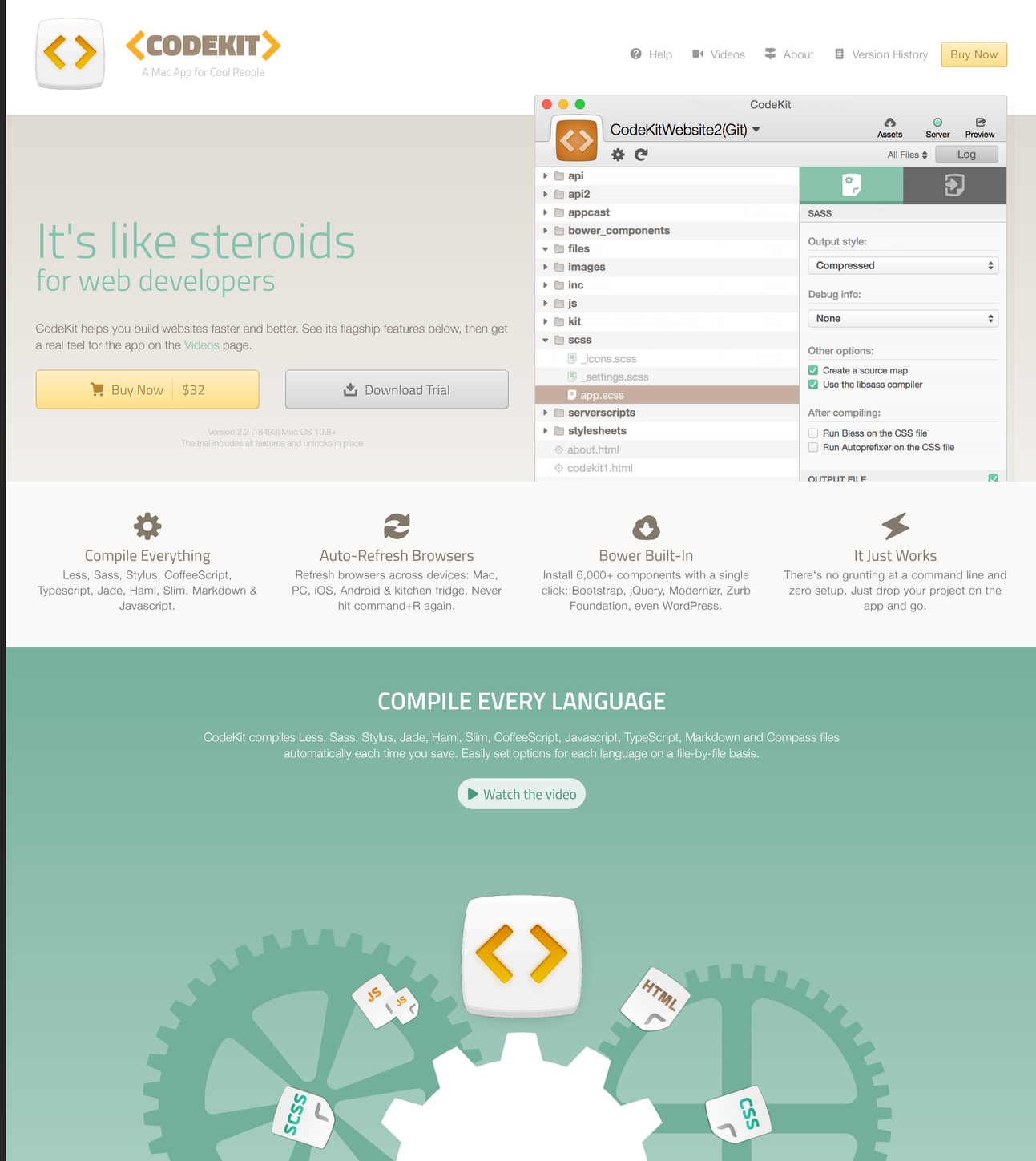
codekit

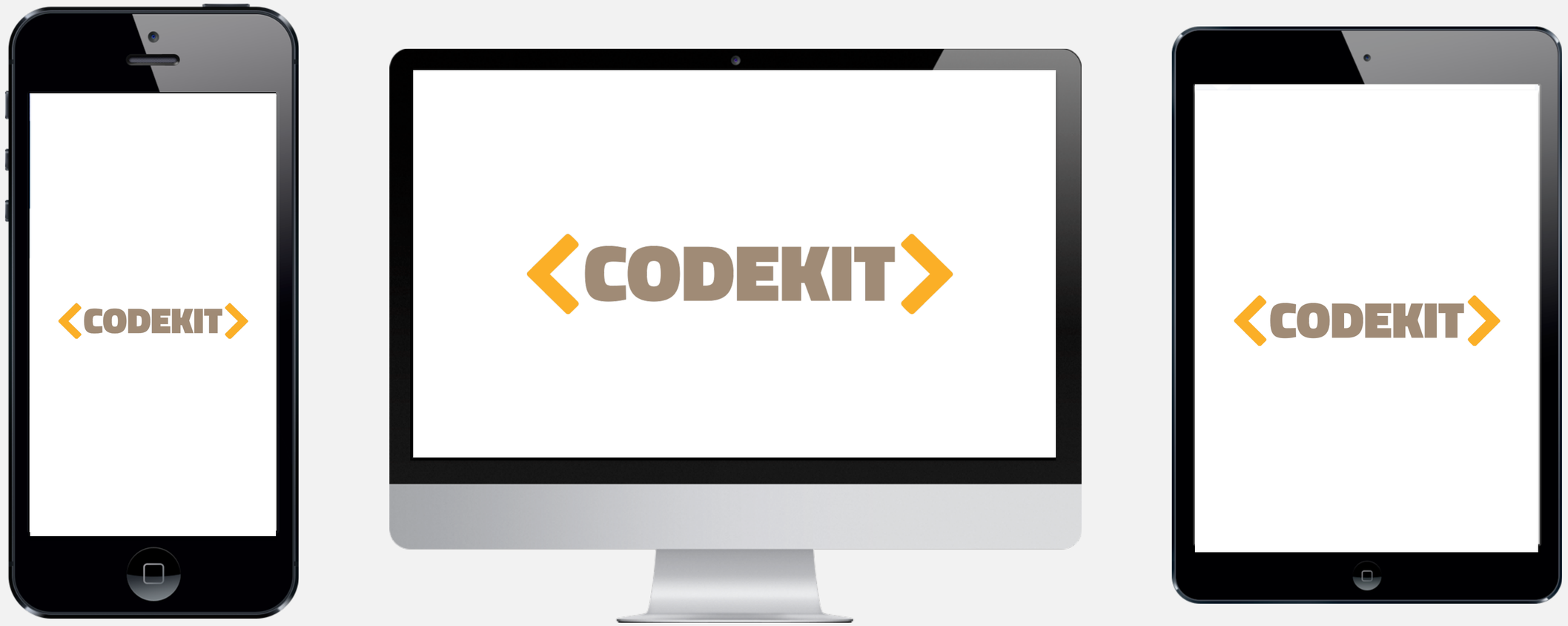
incident57.com/codekit/

- Generate CSS files quickly from Sass or Less source code
- Check for CSS and JavaScript errors
- $32 one-time fee



@jeffbrockstudio

codekit's automagical browser refresh



coda

panic.com/coda/

- Color-code Sass files
- Sync site credentials and code snippets across devices
- WordPress autocomplete plugin
- $99 one-time fee

Panic Inc.

Coda 2

You code for the web. You demand a fast, clean, and powerful ***text editor***. Pixel-perfect ***preview***. A built-in way to open and manage your ***local and remote files***. And maybe a dash of ***SSH***. Say hello, ***Coda***.

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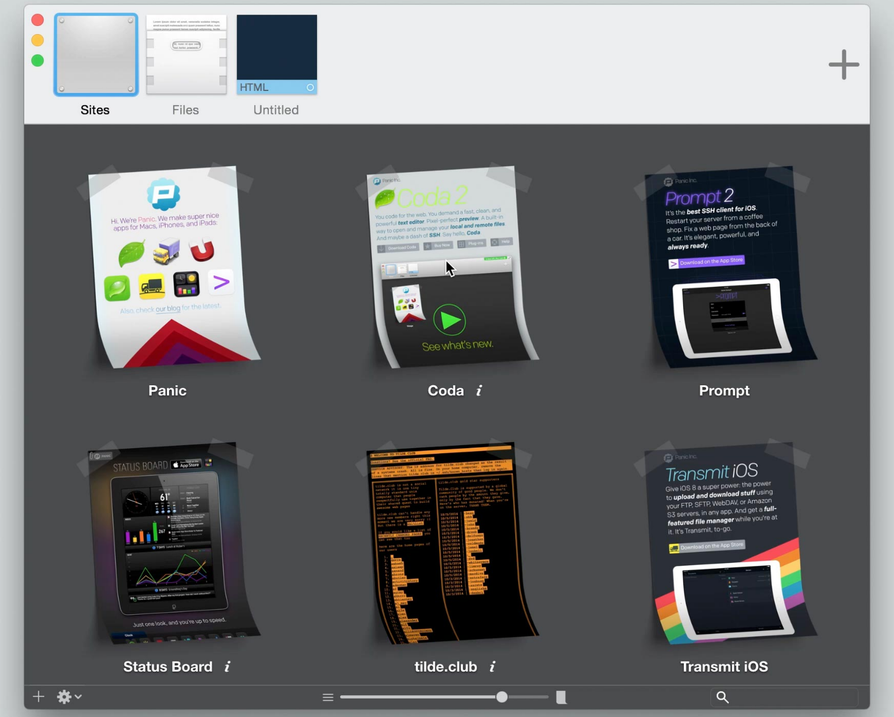


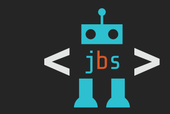
Loading

New! in Coda 2.5

wp migrate db pro

deliciousbrains.com

- Much faster and more reliable than WordPress Importer tool
- Update URLs among servers
- Sync media library with the Media Files add-on
- $199 annual fee for Developer Package



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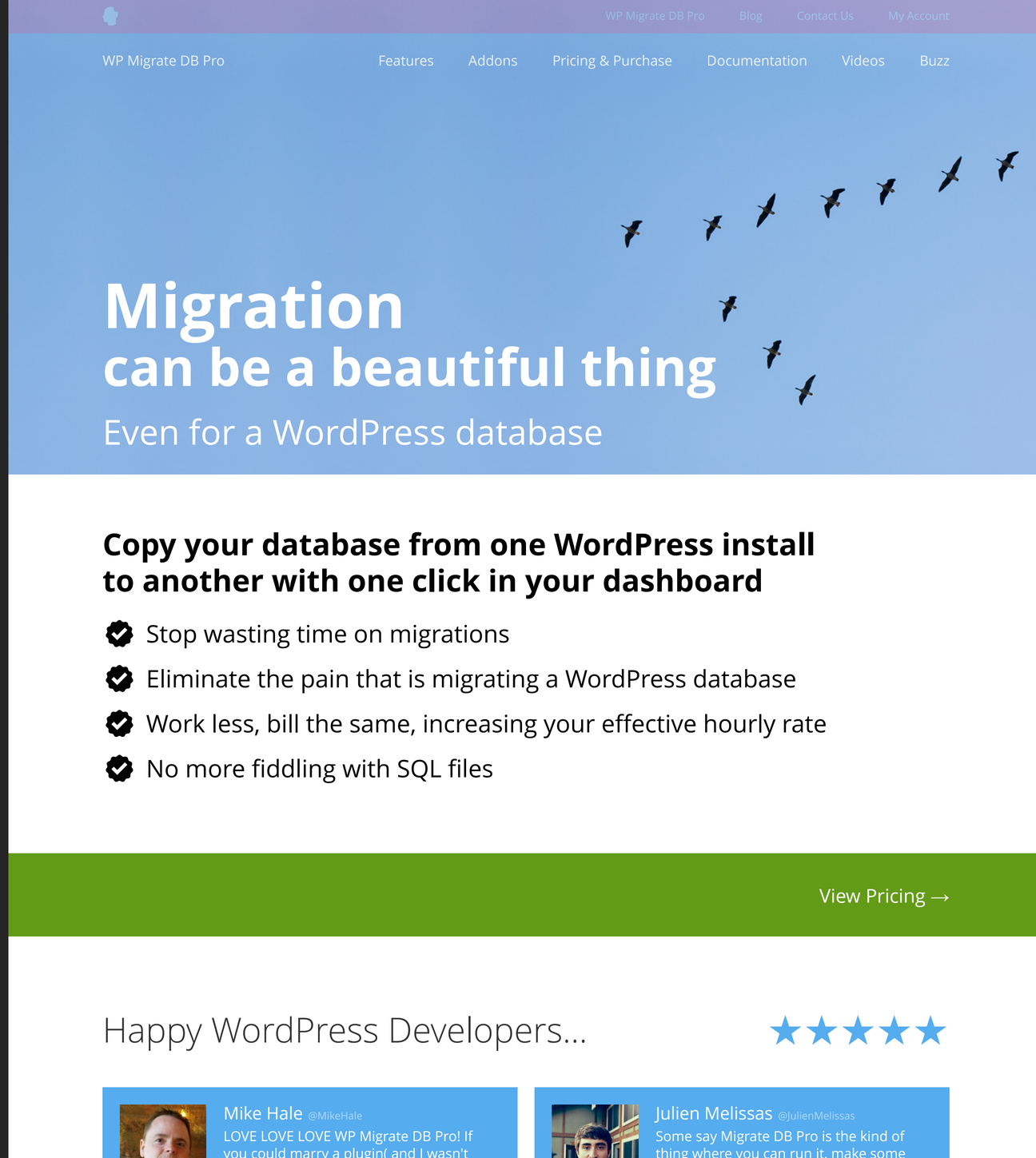

backupbuddy

ithemes.com

- Automated backups of database, WordPress core, themes, plugins, and media library
- Send backups offsite to Dropbox for extra protection
- $150 annual fee for development shops (back up unlimited sites)

BackupBuddy

The best way to back up (and move) a WordPress site.

Backup | Restore | Move | FAQs | Pricing

"I recommend BackupBuddy to every single person I talk to who runs a WordPress powered website. There is no comparable plugin that includes the amazing feature set of BackupBuddy. Knowing all of my sites are fully backed up on a schedule helps me sleep at night, and that peace of mind is priceless."

Brad Williams, *WebDev Studios*

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EVERYONE WITH A WEBSITE HAS THE SAME QUESTION

Is my site and my content safe and secure?

workflow: 13 steps to create a staging site

1. Clock in to TSheets

2. Add a folder for site & dev files in DropBox

3. Create dev site in Desktop Server from blueprint

4. Set up automatic backups in BackupBuddy

5. Create private repository for theme in GitHub

6. Add new Sass project in CodeKit

7. Add new site in Coda

8. Modify _jbs theme as needed

9. Test locally in browsers and VirtualBox IE's

10. Commit changes in GitHub

11. Create staging site on your own web host

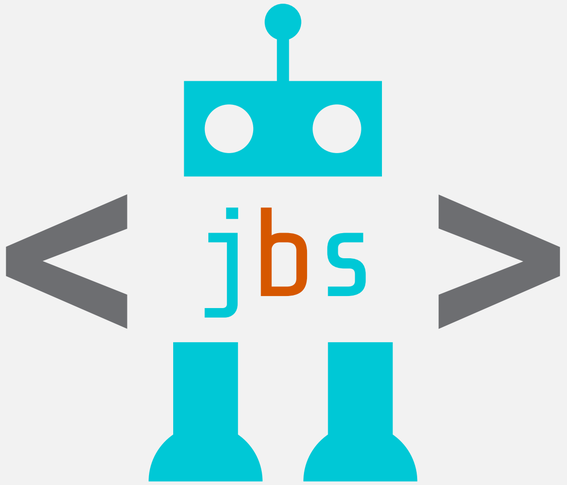
12. Sync database & media with WP Migrate DB Pro

workflow: 13 steps to create a staging site

13. Clock out and
watch cat videos

questions? ideas?

slides at jeffbrockstudio.com/seattle2015



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