



# Dev Toolkit

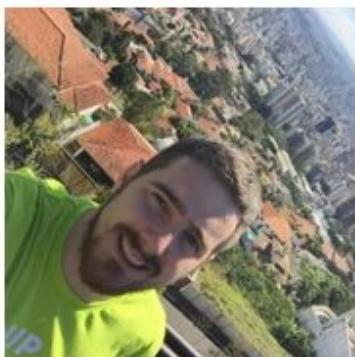
Ferramentas para melhorar a  
qualidade do seu projeto





WORDCAMP2018  
PORTO ALEGRE



# Olá, me chamo **Eduardo Pittol**.



 Member Since: July 21st, 2009

 Lajeado, RS, Brazil

 <https://aztecweb.net>

 Tech Director at Aztec

 @edpittol on WordPress.org and [Slack](#)



**startupweekend™**

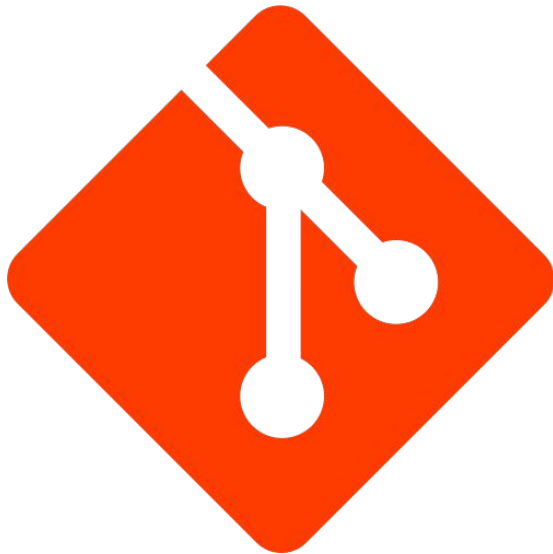
Powered by Google for Entrepreneurs





# THE TWELVE-FACTOR APP

[12factor.net](https://12factor.net)



**git**

[git-scm.com](https://git-scm.com)



[wp-cli.org](https://wp-cli.org)



[getcomposer.org](http://getcomposer.org)  
[wpackagist.org](http://wpackagist.org)

```
{
  "name" : "aztecweb/wp-composer-example",
  "description" : "A WordPress packages installation by Composer example.",
  "repositories" : [{
    "type" : "composer",
    "url" : "https://wpackagist.org"
  }],
  "require" : {
    "johnpbloch/wordpress" : "^4.9",
    "wpackagist-plugin/woocommerce" : "^3.3",
    "wpackagist-theme/storefront" : "^2.2"
  },
  "extra" : {
    "wordpress-install-dir" : "web",
    "installer-paths" : {
      "web/wp-content/plugins/{$name}/" : [
        "type:wordpress-plugin"
      ],
      "web/wp-content/themes/{$name}/" : [
        "type:wordpress-theme"
      ]
    }
  }
}
```

composer.json



**GRUNT**

[gruntjs.com](http://gruntjs.com)



```
module.exports = function (grunt) {
  // load all grunt tasks defined in package.json
  require('load-grunt-tasks')(grunt);
  // load tasks defined in the `./tasks` folder
  grunt.loadTasks('app/tasks');

  // Function to load the options for each grunt module
  var loadConfig = function (path) {
    var glob = require('glob');
    var object = {};
    var key;

    glob.sync('*', {cwd: path}).forEach(function(option) {
      key = option.replace(/\.js$/, '');
      object[key] = require(path + option);
    });

    return object;
  };

  var config = {
    pkg: grunt.file.readJSON( 'package.json' ),
    config: {
      // ...
    }
  };

  grunt.util._.extend(config, loadConfig('./app/tasks/options/'));

  grunt.initConfig(config);
};
```

Gruntfile.js

```
module.exports = function ( grunt ) {  
    grunt.task.registerTask( 'default', [  
        'mkdir',  
        'imagemin',  
        'symlink'  
    ] );  
};
```

app/tasks/default.js

```
/**
 * Watch for changes for files and execute an execute a task
 */
module.exports = {
  config: {
    files: ['<%= config.config.dir %>/**/*'],
    tasks: ['symlink']
  },
  images: {
    files: ['<%= config.assets.src %>/images/**/*.{png,jpg,gif,svg}'],
    tasks: ['imagemin']
  },
  livereload: {
    files: ['<%= config.template.src %>/**/*'],
    options: {
      livereload: true
    }
  },
};
```

app/tasks/options/watch.js



[docker.com](https://docker.com)

[hub.docker.com/\\_/wordpress](https://hub.docker.com/_/wordpress)

- Apache / Debian
- FPM / Debian
- FPM / Alpine
- CLI / Alpine

[hub.docker.com/\\_/wordpress](https://hub.docker.com/_/wordpress)

- Apache / Debian
- FPM / Debian
- FPM / Alpine
- CLI / Alpine

```
version: "3.4"
```

```
services:
```

```
# Database image to run the mysql
```

```
db:
```

```
  image: mariadb
```

```
  volumes:
```

- ./database:/var/lib/mysql
- ./app/initdb:/docker-entrypoint-initdb.d
- ./app

```
  env_file:
```

- ./app/env/mysql.env

```
# Nginx
```

```
server:
```

```
  build:
```

```
    context: ./app/docker/nginx
```

```
    target: development
```

```
  links:
```

- wordpress

```
  ports:
```

- "80:80"

```
  volumes:
```

- ./var/www/html

```
# PHP-FPM with WP dependencies
```

```
wordpress:
```

```
  build:
```

```
    context: ./app/docker/wp-fpm
```

```
    target: development
```

```
  volumes:
```

- ./var/www/html

```
  env_file:
```

- ./app/env/app.env

```
  depends_on:
```

- db

docker-compose.yml

*stylus*

[stylus-lang.com](https://stylus-lang.com)



```
.dropdown
  @media screen and ( min-width $screen-md )
    position relative

  // Menu list
  &__menu
    background $white
    box-shadow $default-box-shadow
    display none
    padding 1.25rem 1rem
    position absolute
    right 0
    transform translate3d( 0, 38px, 0 )
    width 100%
    z-index 1

  @media screen and ( min-width $screen-md )
    top 1rem
    width auto

  &--active
    display block
```

app/assets/widgets/dropdown.styl



**webpack**

[webpack.js.org](https://webpack.js.org)

```

const path = require('path');
const webpack = require('webpack');
const ExtractTextPlugin = require('extract-text-webpack-plugin');

module.exports = {
  entry: {
    app: './app/assets/main.js'
  },
  output: {
    path: path.resolve(__dirname, '.assets'),
    filename: '[name].js'
  },
  module: {
    rules: [
      {
        test: /\.js$/,
        use: 'babel-loader'
      },
      {
        test: /\.?(styl|css)$/,
        use: ExtractTextPlugin.extract({
          fallback: 'style-loader',
          use: [
            'css-loader?url=false',
            'stylus-loader?url=false'
          ]
        })
      }
    ]
  },
  externals: {
    jquery: 'jQuery'
  },
  plugins: [
    new ExtractTextPlugin('styles.css'),
    new webpack.optimize.CommonsChunkPlugin({
      name: 'vendor'
    })
  ]
};

```

webpack.config.js

# PHP Code Sniffer

[github.com/squizlabs/PHP\\_CodeSniffer](https://github.com/squizlabs/PHP_CodeSniffer)  
[github.com/WordPress-Coding-Standards/WordPress-Coding-Standards](https://github.com/WordPress-Coding-Standards/WordPress-Coding-Standards)

```
<?xml version="1.0"?>
<ruleset>
  <description>The PHP and JS coding standards</description>

  <!--
  Use WordPress coding standard
  https://github.com/WordPress-Coding-Standards/WordPress-Coding-Standards
  -->
  <config name="installed_paths" value="../../wp-coding-standards/wpcs" />

  <!-- Use WordPress Documentation standard to document the code -->
  <rule ref="WordPress">
    <exclude name="WordPress.VIP.RestrictedFunctions" />
    <exclude name="WordPress.VIP.RestrictedVariables" />
    <exclude name="WordPress.VIP.SuperGlobalInputUsage" />
  </rule>

  <!--
  Lint the project PHP and JS code
  https://make.wordpress.org/core/handbook/best-practices/coding-standards/php/
  https://make.wordpress.org/core/handbook/best-practices/coding-standards/javascript/
  -->
  <file>./src</file>
  <file>./app/assets/js</file>
  <exclude-pattern>*/src/assets/*</exclude-pattern>
</ruleset>
```



**Mailcatcher**

[mailcatcher.me](https://mailcatcher.me)



[xdebug.org](http://xdebug.org)

# Obrigado

@edpittol  
pittol@aztecweb.net

