

WPDay

Pordenone, November 13, 2015

Professional WordPress Workflow

About me

Maurizio Pelizzone

- Co-Founder @ mavida.com
- Solutions Architect
- Developer and Trainer
- ***WordPress proud user***
- *maurizio@mavida.com*
- *<http://www.mavida.com>*
- *<http://maurizio.mavida.com>*
- *<http://www.slideshare.net/miziomon>*
- *<http://www.linkedin.com/in/mauriziopelizzone>*

AUTOMATION

SCAFFOLDING DEPENDENCIES BUILD DEPLOY

SCAFFOLDING



YEOMAN

Using Yeoman

Discovering generators

Creating a generator

Blog

Contributing

THE WEB'S SCAFFOLDING TOOL FOR MODERN WEBAPPS



[Get started](#) and then [find a generator](#) for your webapp. Generators are available for [Angular](#), [Backbone](#), [React](#), [Polymer](#) and over [1500+ other projects](#). Read the [Yeoman Monthly Digest](#) for our latest picks.

One-line install using [npm](#):

```
npm install -g yo
```



GENERATORS



Your generator must have a GitHub repository description, the "yeoman-generator" keyword and a description in "package.json" to be listed. Official generators are marked with 🍌

Generator

Last Updated

Stars

Installs

[wordpress](#)by [Wes Todd](#)

Last updated: 28 days ago

954

793

WordPress

[yo-wordpress](#)by [Romain Berger](#)

Last updated: 23 months ago

238

312

Wordpress projects and plugins

[wp-make](#)by [Luke Woodward](#)

Last updated: 4 months ago

85

167

Making WordPress things

[wp-bones](#)by [Johan Nielsen](#)

Last updated: 8 months ago

51

81



YeoPress

The officially un-official [Yeoman](#) Generator for [WordPress](#). I magically take you from scratching your head wondering where to start, all the way to running the famous 5-minute install. I have configuration options that will WOW you. If you use Git, I can *git* you off the ground with WordPress as a submodule just by following a couple of prompts. Have a custom base theme you always start your projects off with? You can install that too, either straight from GitHub or by pointing me to a tarball. Other things I do:

How To Use

If you do not already have the Yeoman toolset installed do so now, and might as well install me at the same time (*NOTE: don't type the \$*):

```
$ npm install -g yo generator-wordpress
```

While running if you get errors try running as super user:

```
$ sudo npm install -g yo generator-wordpress
```

And run me:

```
$ yo wordpress
```

Follow my prompts and WA-BAM....ASCII art!!!!



Visualizza

PC > Disco locale (C:) > Web > wpday >

	.git	Ultima modifica: 13/11/2015 07:56
	application	Ultima modifica: 13/11/2015 07:56
	public	Ultima modifica: 13/11/2015 07:56
	.gitignore Tipo: Documento di testo	Ultima modifica: 13/11/2015 07:56 Dimensione: 699 byte
	.yeopress Tipo: File YEOPRESS	Ultima modifica: 13/11/2015 07:56 Dimensione: 1,20 KB
	index.php Tipo: File PHP	Ultima modifica: 13/11/2015 07:56 Dimensione: 409 byte
	wp-config.php Tipo: File PHP	Ultima modifica: 13/11/2015 07:56 Dimensione: 3,95 KB

DEPENDENCIES



Bower

A package manager for the web

[Home](#)

[Install Bower](#)

[Getting started](#)

[@bower](#)

[Creating packages](#)

[API](#)

[Configuration](#)

[Pluggable Resolvers](#)

[Tools](#)

[About](#)

[Bower on GitHub](#)

Web sites are made of lots of things — frameworks, libraries, assets, utilities, and rainbows. Bower manages all these things for you.

Bower works by fetching and installing packages from all over, taking care of hunting, finding, downloading, and saving the stuff you're looking for. Bower keeps track of these packages in a manifest file, `bower.json`. How you use packages is up to you. Bower provides hooks to facilitate using packages in your [tools and workflows](#).

Bower is optimized for the front-end. Bower uses a flat dependency tree, requiring only one version for each package, reducing page load to a minimum.

Install Bower

Getting started

Install packages

Install packages with `bower install`. Bower installs packages to `bower_components/`.

```
$ bower install <package>
```

A package can be a GitHub shorthand, a Git endpoint, a URL, and more. Read more about `bower install`.

```
# registered package
$ bower install jquery
# GitHub shorthand
$ bower install desandro/masonry
# Git endpoint
$ bower install git://github.com/user/package.git
# URL
$ bower install http://example.com/script.js
```

Search packages

[Search Bower packages](#) and find the registered package names for your favorite projects.

```
{
  "name": "WPDay",
  "version": "0.0.1",
  "authors": [
    "Mavida <info@mavida.com>"
  ],
  "license": "MIT",
  "ignore": [
    "**/*.*",
    "node_modules",
    "bower_components",
    "test",
    "tests"
  ],
  "dependencies": {
    "bootstrap": "3.3.*",
    "font-awesome": "4.4.*"
  }
}
```



Dependency Manager for PHP

[Getting Started](#)[Download](#)[Documentation](#)[Browse Packages](#)[Issues](#)[GitHub](#)

Authors: [Nils Adermann](#), [Jordi Boggiano](#) and many community contributions

Sponsored by:

Installing Dependencies

To install the defined dependencies for your project, just run the `install` command.

```
php composer.phar install
```

This will find the latest version of `monolog/monolog` that matches the supplied version constraint and download it into the `vendor` directory. It's a convention to put third party code into a directory named `vendor`. In case of Monolog it will put it into `vendor/monolog/monolog`.

Tip: If you are using git for your project, you probably want to add `vendor` in your `.gitignore`. You really don't want to add all of that code to your repository.

You will notice the `install` command also created a `composer.lock` file.

`composer.lock` - The Lock File

After installing the dependencies, Composer writes the list of the exact versions it installed into a `composer.lock` file. This locks the project to those specific versions.

Commit your application's `composer.lock` (along with `composer.json`) into version control.

This is important because the `install` command checks if a lock file is present, and if it is, it downloads the versions specified there (regardless of what `composer.json` says).

This means that anyone who sets up the project will download the exact same version of the dependencies. Your CI server, production machines, other developers in your team, everything and everyone runs on the same dependencies, which mitigates the potential for bugs affecting only some parts of the deployments. Even if you develop alone, in six months when reinstalling the project you can feel confident the dependencies installed are still working even if your dependencies released many new versions since then.

If no `composer.lock` file exists, Composer will read the dependencies and versions from `composer.json`.

```
"repositories": [  
  {  
    "type": "package",  
    "package": {  
      "name": "mylib",  
      "version": "1.0",  
      "source": {  
        "url": "https://github.com/mylib.git", //git url  
        "type": "git",  
        "reference": "master"  
      }  
    }  
  },  
],  
"require" : {  
  "mylib": "1.0"  
}
```

BUILD



GRUNT

The JavaScript Task Runner

Latest Version

- Stable: [v0.4.5](#) (npm)
- Development: [v0.4.6](#) (github)



Ads by [Bocoup](#).

Free screencasts about JavaScript, Flexbox, Node.js and more from the experts at Bocoup.

Latest News

[Grunt 0.4.5 released](#)
May 12, 2014

[Grunt 0.4.4 released](#)
March 14, 2014

[Grunt 0.4.3 released](#)

Why use a task runner?

In one word: automation. The less work you have to do when performing repetitive tasks like minification, compilation, unit testing, linting, etc., the easier your job becomes. After you've configured it through a [Gruntfile](#), a task runner can do most of that mundane work for you—and your team—with basically zero effort.

Why use Grunt?

The Grunt ecosystem is huge and it's growing every day. With literally hundreds of plugins to choose from, you can use Grunt to automate just about anything with a minimum of effort. If someone hasn't already built what you need, authoring and publishing your own Grunt plugin to npm is a breeze. See how to [get started](#).

Available Grunt plugins

Many of the tasks you need are already available as Grunt Plugins, and new plugins are published every day. While the [plugin listing](#) is more complete, here's a few you may have heard of.

[Docs](#) | [Plugins](#) | [Twitter](#)

Gulp

Automate and enhance your workflow

Try it now



What is Robo?

Robo is a task runner you always have been looking for. It allows you to write fully customizable tasks in common OOP PHP style. Robo has comprehensive list of built-in tasks for development.

Use Robo to

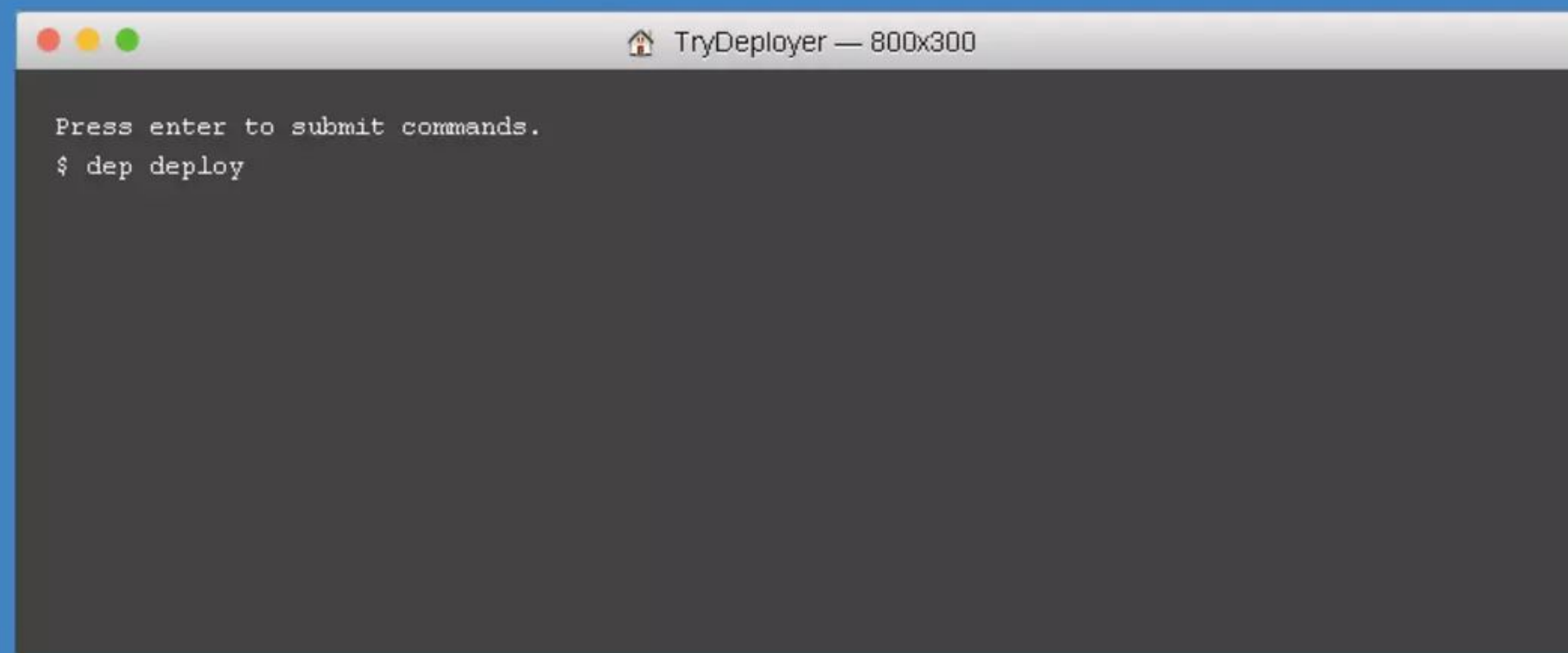
- automate your common tasks
- start workers
- run parallel tasks
- execute commands

```
<?php // all tasks are defined in RoboFile.php
class RoboFile {
    /**
     * Each public method is a command in runner
     * parameters are arguments in console
     *
     * use './robo test' to run tests on a project
     */
```

DEPLOY

Deployer

Deployment Tool for PHP



What is Deployer?

Deployer is a deployment tool written in PHP.

[Download deployer.phar \(3.0.10\)](#)

[or download a different version](#)

And run the following commands in the console:

```
mv deployer.phar /usr/local/bin/dep
```

Deployer Features



Fast Deployer is packed with time-saving features and optimisations, best for performance and development.



Modular Create your own deployment script based on our modular blocks called "recipes". You can find common recipes [here](#) and 3rd party ones [here](#).



Clean code Deployer has a very clean and well tested code. The repository is watched by many code quality tools, and every pull request is also checked by QA tools.



Deployer

Deployment Tool for PHP

Fork me on GitHub

Getting started

Installation

Tasks

Servers

Environment

Functions

Recipes

Examples

Found a typo? Is something wrong in this documentation? Just [fork](#) and [edit](#) it!

Tasks

You can define your own tasks in the `deploy.php` file. When you run the `dep` command, Deployer will scan the current directory for a `deploy.php` file and use it.

To define you own tasks, use the `task` function:

```
task('my_task', function () {  
    // Your tasks code...  
});
```

To run your tasks:

```
dep my_task
```

To list all available commands:

```
dep list
```

You can give your tasks a description with the `desc` method:

```
task('my_task', function () {  
    // Your tasks code...  
})->desc('Doing my stuff');
```

When your task will be running, you will see the description in the output:

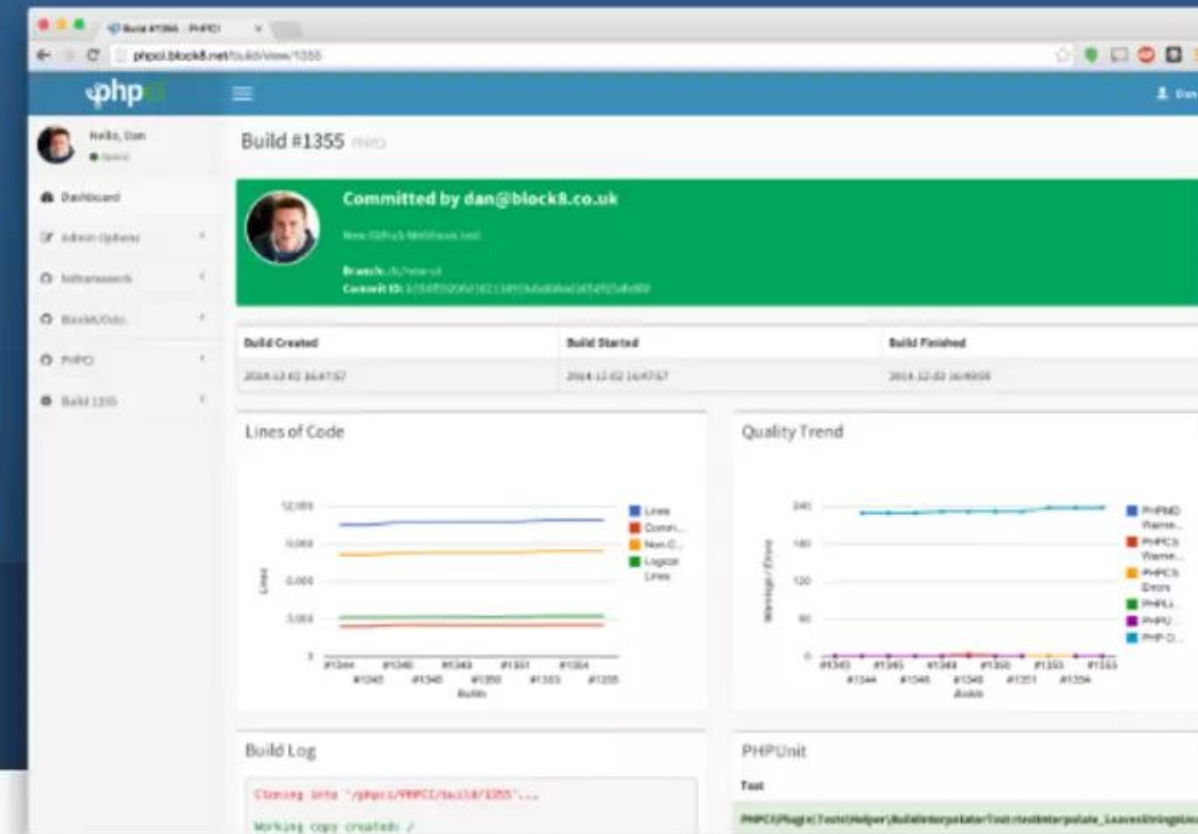
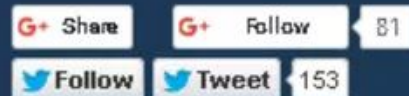
```
$ dep my_task
```



Free and open source continuous integration specifically designed for PHP.

Install PHPCI

Sign up for Hosted PHPCI



PHPCI is a free and open source continuous integration tool specifically designed for PHP. Built with simplicity in mind and featuring integrations with all of your favourite testing tools, we've created the very best platform for testing your PHP projects.

What is PHPCI?

PHPCI provides a continuous integration platform, allowing you to test that every commit your team makes passes your tests and meets your standards. We've developed a large selection of integrations, all of which are included by default within PHPCI, including:

- Atoum
- Rebat
- Camfire

REFERENCES

- <http://yeoman.io/>
- <http://bower.io/>
- <https://getcomposer.org/>
- <http://gruntjs.com/>
- <http://gulpjs.com/>
- <http://robo.li/>
- <http://deployer.org/>
- <https://www.phptesting.org/>

DEMO



[Pull requests](#)
[Issues](#)
[Gist](#)






miziomon / wpday-template

 1
  0
  0

Description

Website

 or [Cancel](#)

 4 commits
  1 branch
  0 releases
  1 contributor


Branch: **master**
wpday-template / +


 miziomon fix bower.json	Latest commit 81ce4ff 2 minutes ago	
 images	first commit	10 minutes ago
 javascripts	first commit	10 minutes ago
 nbproject	first commit	10 minutes ago
 parts	first commit	10 minutes ago
 stylesheets	first commit	10 minutes ago
 .gitignore	fix bower.json	2 minutes ago
 README.md	readme + gitignore	7 minutes ago
 bower.json	fix bower.json	2 minutes ago
 functions.php	first commit	10 minutes ago
 index.php	first commit	10 minutes ago
 screenshot.png	first commit	10 minutes ago
 style.css	first commit	10 minutes ago

<> Code

 [Issues](#) 0
  [Pull requests](#) 0
  [Wiki](#)

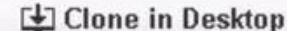
 [Pulse](#)
 [Graphs](#)

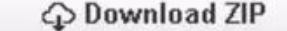
 [Settings](#)

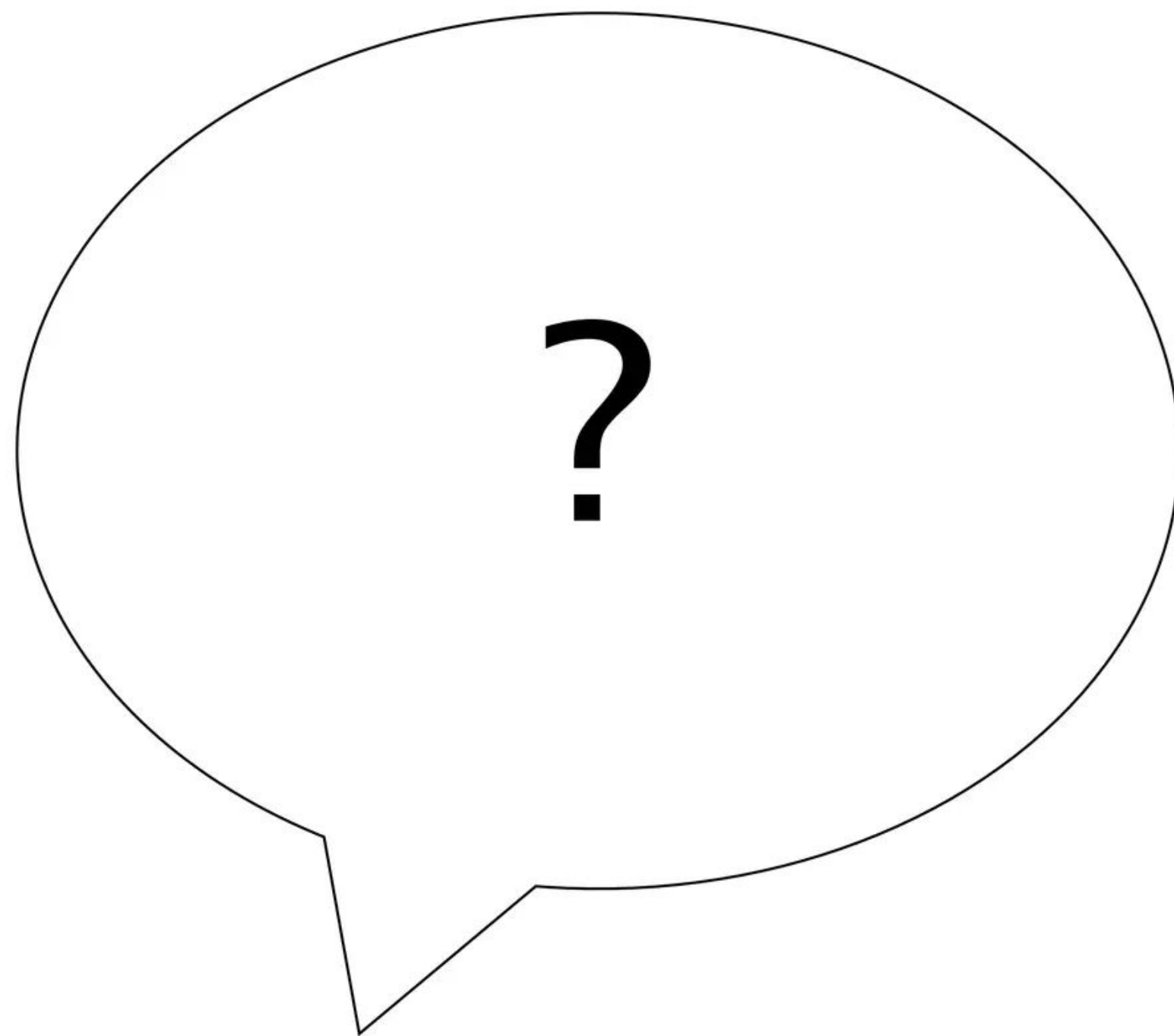
HTTPS clone URL



You can clone with [HTTPS](#), [SSH](#), or [Subversion](#).

 **Clone in Desktop**

 **Download ZIP**



Thank you



Maurizio Pelizzone

@miziomon

maurizio@mavida.com

<http://maurizio.mavida.com>

