

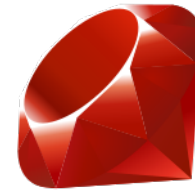
# How to Deploy Wordpress with Capistrano



WORDPRESS



Capistrano



Ruby

# Introduction (Biography)

## Education

### **Bachelor Engineering (S1)**

*Electrical Engineering*

Institute Teknologi Nasional (ITENAS)

Bandung, 2009



**Status Married** (single wife with two children)

## Activities / Hobbies

1. Software Engineer (Full Stack), **PT. Domikado** (<http://www.domikado.com>)
2. Ambassador, **GitScrum** (<https://www.GitScrum.com>)
3. Founder & Core Developer, **ZeroC0D3Lab** (<https://github.com/zeroc0d3lab>)
4. Core Developer, **Laradock** (<https://github.com/laradock>)
5. System Analyst, **NFN D+P** (<http://nfndp.com>)
5. Archery Coach, **INASP** (Indonesia Archery School Program / INASP)

# Prequest

## 1. SSH Key

<https://help.github.com/articles/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent/>

## 2. Wordpress Sources

<https://wordpress.org/download/>

## 3. Ruby Installation (Auto Installer)

<https://github.com/zeroc0d3/ruby-installation>

## 4. Capistrano Gems

<https://github.com/capistrano/capistrano>

# Terminology Deployment

1. Fast
2. Secure
3. Multi Server
4. Multi Task
5. Auto Migration
6. Zero Downtime
7. Rollback

## Ruby Package Manager (Rbenv / RVM)

### Rbenv

<https://github.com/rbenv/rbenv>

### Ruby Version Manager (RVM)

<https://rvm.io/>

### Auto installer Ruby (Rbenv / RVM)

<https://github.com/zeroc0d3/ruby-installation>

# Capistrano

Website: <http://capistranorb.com/>

1. Capistrano is Ruby Gems
2. Deployment Tools for Ruby & Other Languages
3. Run Task Multi Server
4. Installation :

```
gem install capistrano
```

# How to Configure (1)

1. Create Gemfile
2. Add this line (in Gemfile)

```
source 'https://rubygems.org'

group :development, :test do
  gem 'capistrano'
  gem 'sshkit-sudo'
end
```

3. Install Bundler

**gem install bundler**

4. Running Bundle Install

**bundle install**

# How to Configure (2)

## 5. Install Capistrano

```
cap install
```

## 6. Configure Deploy (deploy.rb)

```
lock "~> 3.10.1"
set :application, "wordpress-deploy"
set :repo_url, "git@github.com:zeroc0d3/wordpress-deploy.git"
set :branch, "master"
set :deploy_to, "/home/deploy/wordpress-deploy"
set :tmp_dir, "/home/deploy/tmp"
append :linked_files, "wp-config.php"
set :pty, true
set :keep_releases, 5
```



# How to Configure (3)

## 7. Configure Production (production.rb)

<https://github.com/zeroc0d3/wordpress-deploy/blob/master/config/deploy/production.rb>

## 8. Configure Staging (staging.rb)

<https://github.com/zeroc0d3/wordpress-deploy/blob/master/config/deploy/staging.rb>

## 9. Running Deploy

```
cap [production / staging] deploy
```