



# A Composer Workflow for DrupalVM

Nikunj Kotecha, Mohit Aghera

# About Us

## Mohit Aghera

- Drupal developer @Axelerant
- Drupal.Org : mohit\_aghera
- Twitter: mohit\_rocks

## Nikunj Kotecha

- Drupal Developer @Axelerant
- Drupal.Org : nikunjkotecha
- Twitter: nikunjhk

**NOT POSSIBLE..**

**THAT WORKS ON MY MACHINE**

imgflip.com

# Various tools to help you out !!



**DRUPAL VM**



# Why Composer and DrupalVM ?

- Nicely Supported
- Used widely
- Supports common tools in Drupal ecosystem
- Easy to setup
- Promotes contribution culture

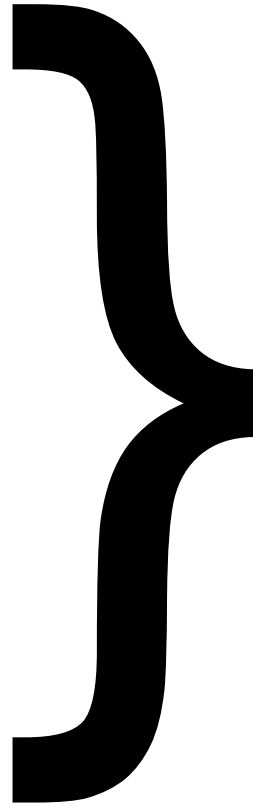
# Approaches to include DrupalVM

Include DrupalVM and related files in project repository itself

OR

Include DrupalVM via composer

- demo
  - docroot
  - env
    - docs
    - examples
    - provisioning
    - tests
    - \* .gitignore
    - </> .travis.yml
    - </> composer.json
    - </> config.yaml
    - </> default.config.yml
    - </> example.drupal.composer.json
    - </> example.drupal.make.yml
    - \* LICENSE
    - </> mkdocs.yml
    - README.md
    - </> Vagrantfile
  - hooks
  - library
  - patches



# Drupal VM related files

# Include in Project Repository

## Drawbacks:

- Lots of redundant files which are actually not required
- Increases size of repository
- Those files are not required on production at all



# Include using Composer

## Step 1 : Create Drupal Project

```
$ composer create-project  
drupal-composer/drupal-project:8.x-dev myproject  
--stability dev --no-interaction
```

## Step 2 : Include Drupal VM

```
$ composer require --dev geerlingguy/drupal-vm
```

# Preparing the VM

vm/config.yml

```
# Local Vagrant options.
vagrant_hostname: local.drupalcamp pune.dev
vagrant_machine_name: drupalcamp pune
vagrant_ip: 192.168.88.22

# Drupal install settings.
drupal_site_name: "DrupalCamp Pune Website"
drupal_core_path: "/var/www/drupal/web"
drupal_install_site: true

drupalvm_cron_jobs:
  - name: "Drupal Cron"
    minute: "*/15"
    job: "{{ drush_path }} -r {{ drupal_core_path }} core-cron --quiet"

# Other overrides.
php_version: "7.1"
installed_extras:
  - drush
  - varnish
```

<https://github.com/mohit-rocks/drupalcamp-pune/blob/master/vm/config.yml>

# Preparing the VM

## Vagrantfile

```
# The absolute path to the root directory of the project.
ENV['DRUPALVM_PROJECT_ROOT'] = "#{__dir__}"

# The relative path from the project root to the VM config directory.
ENV['DRUPALVM_CONFIG_DIR'] = "vm"

# The relative path from the project root to the Drupal VM directory.
ENV['DRUPALVM_DIR'] = "vendor/geerlingguy/drupal-vm"

# Load the real Vagrantfile
load "#{__dir__}/#{ENV['DRUPALVM_DIR']}/Vagrantfile"
```

# Start the VM !!

```
$ composer install
```

```
$ vagrant up
```

# Try yourself !!

<https://github.com/mohit-rocks/drupalcamp-pune>

# That's all to get started !!



## References !!

- Prerequisites:
  - Vagrant 1.9.x (latest)
  - Virtualbox 5.x (latest)
  - Ansible 2.2.x (as per our tests it is best to stick to 2.2)
  - PHP on host machine - Doesn't require full AMP stack
  - Composer
  - Good hardware (at-least 8GB of RAM and i5 processor, we are developers)
- Links
  - <https://www.drupalvm.com/> (<http://docs.drupalvm.com/en/latest/>)
  - <https://github.com/geerlingguy/drupal-vm>
  - <https://events.drupal.org/baltimore2017/sessions/compose-your-drupal-web-site>
  - <https://lakshminp.com/drinking-drupal-composer-kool-aid> and <https://lakshminp.com/drupal-composer-workflow-part-2>