

# Drupal 8 Installing Composer for Acquia Dev Desktop (Mac)

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# Why are we installing composer?

- Some Drupal Modules must be installed using composer
- Example: Drupal 8 Address module: <https://www.drupal.org/project/address>

## Installation

Address **must** be installed via Composer, in order to get the required libraries. The tarballs are provided for informative purposes only.

### 1. Add the Drupal.org repository

```
composer config repositories.drupal composer https://packages.drupal.org/8
```

This allows Composer to find Address and the other Drupal modules.

### 2. Download Address

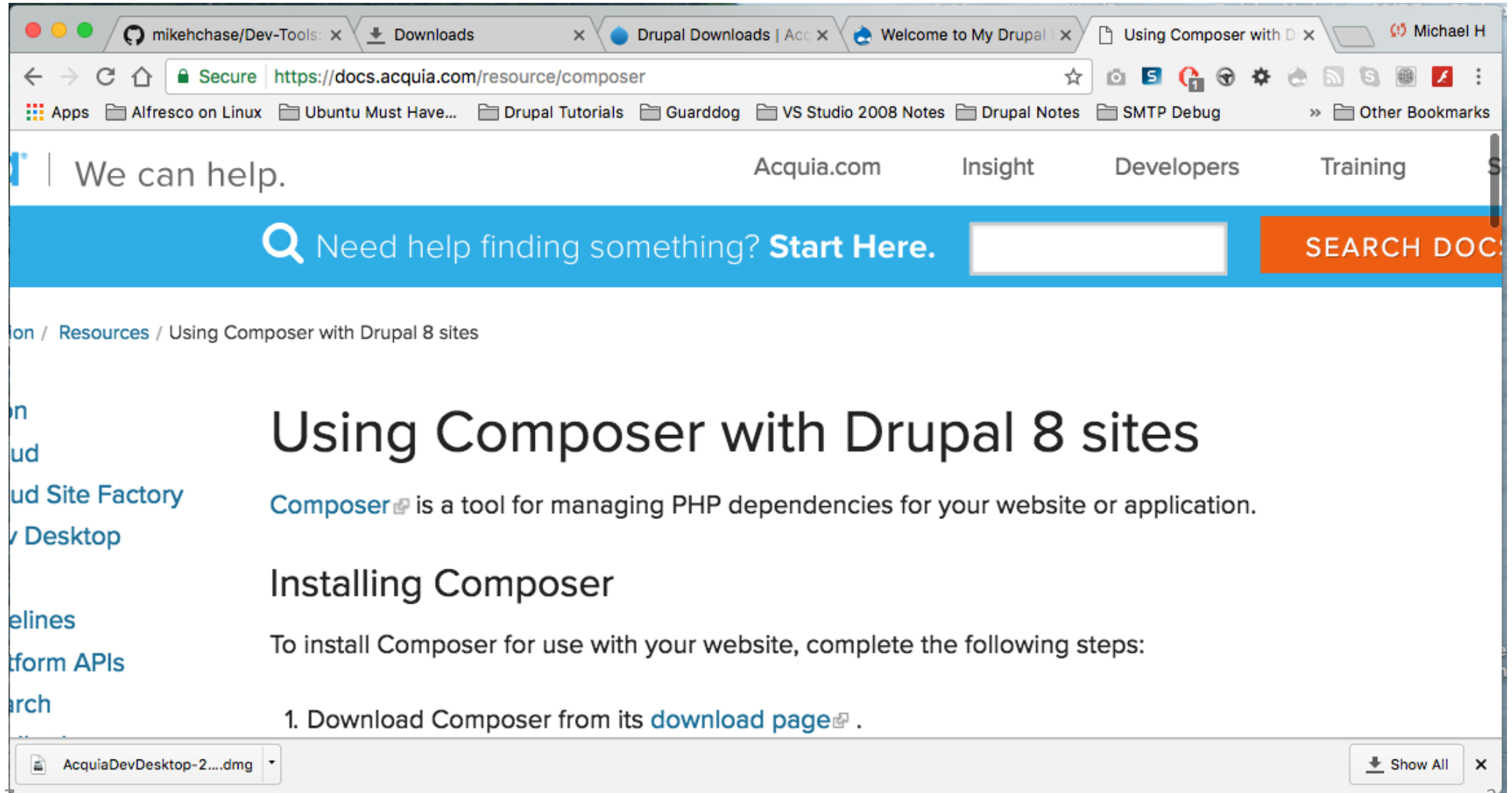
```
composer require "drupal/address ~1.0"
```

This will download the latest release of Address.

Use 1.x-dev instead of ~1.0 to get the -dev release instead.

Use `composer update drupal/address --with-dependencies` to update Address to a new release.

We used the information we found in this web article to install composer:  
<https://docs.acquia.com/resource/composer>








# (1) Go to the Composer download page

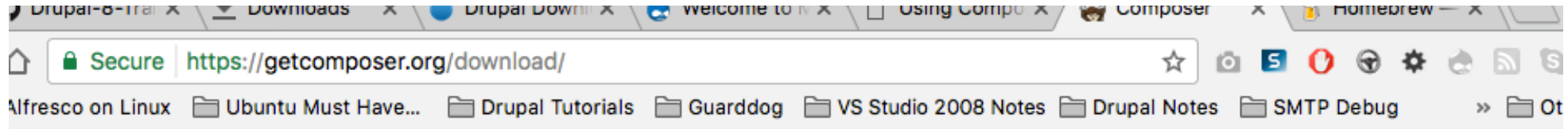
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## Installing Composer

To install Composer for use with your website, complete the following steps:

1. Download Composer from its [download page](#)  . 
2. To allow you to install Composer, depending on your operating system, download and install the appropriate package manager using the instructions on its download page:
  - *Mac/Unix* - [Brew](#)  
  - *Windows* - [Scoop](#) 
3. Open a command prompt window.
4. Install Composer using the appropriate command, based on your operating system:
  - *Mac/Unix*

# (A) Run this PHP command in the Acquia Terminal window



A

Run this in your terminal to get the latest Composer version:

```
php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
php -r "if (hash_file('SHA384', 'composer-setup.php') === '669656bab3166a7aff8a7506
php composer-setup.php
php -r "unlink('composer-setup.php');"
```

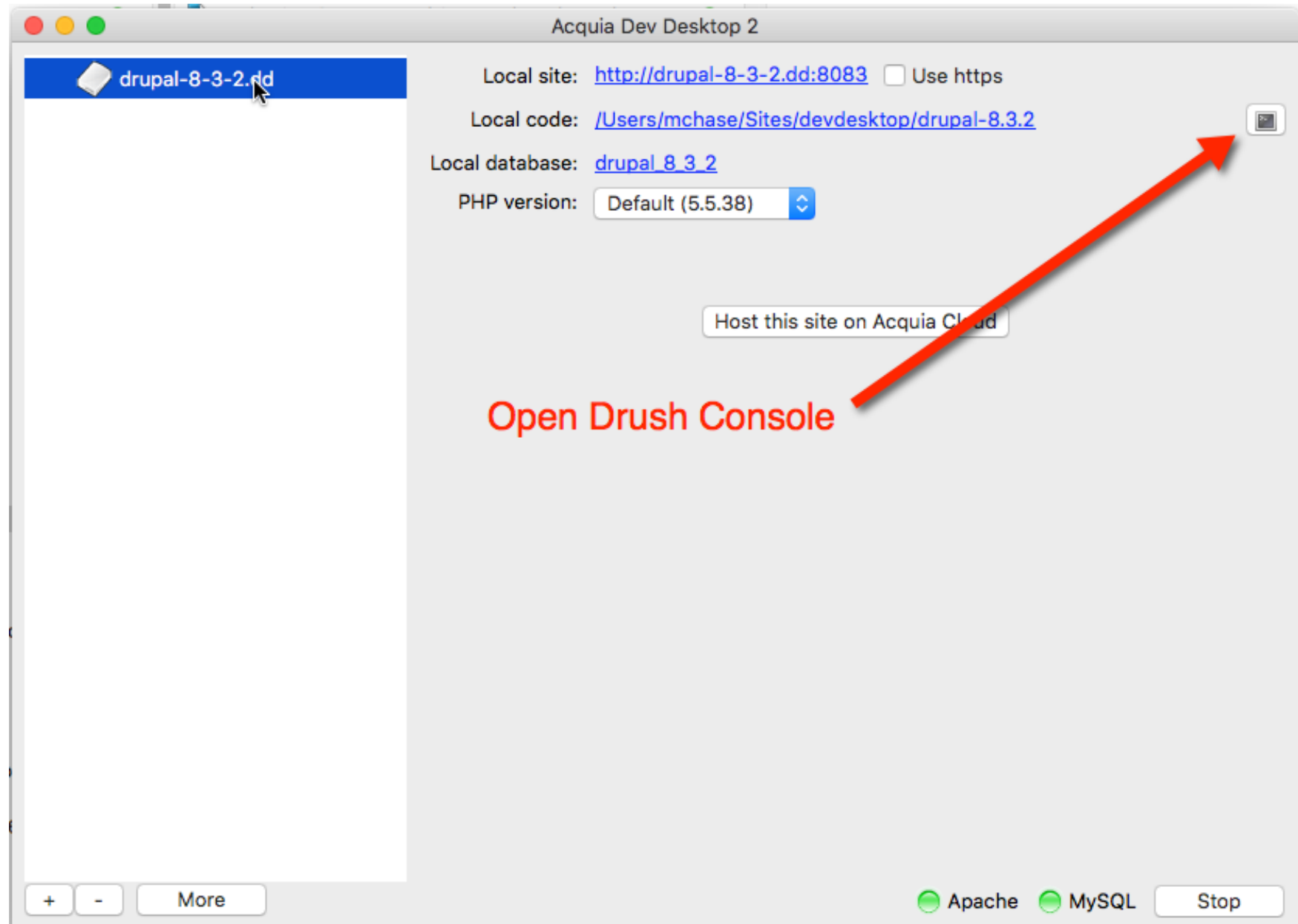
This installer script will simply check some php.ini settings, warn you if they are set incorrectly, and then download the latest composer.phar in the current directory. The 4 lines above will, in order:

- Download the installer to the current directory
- Verify the installer SHA-384 which you can also [cross-check here](#)
- Run the installer
- Remove the installer

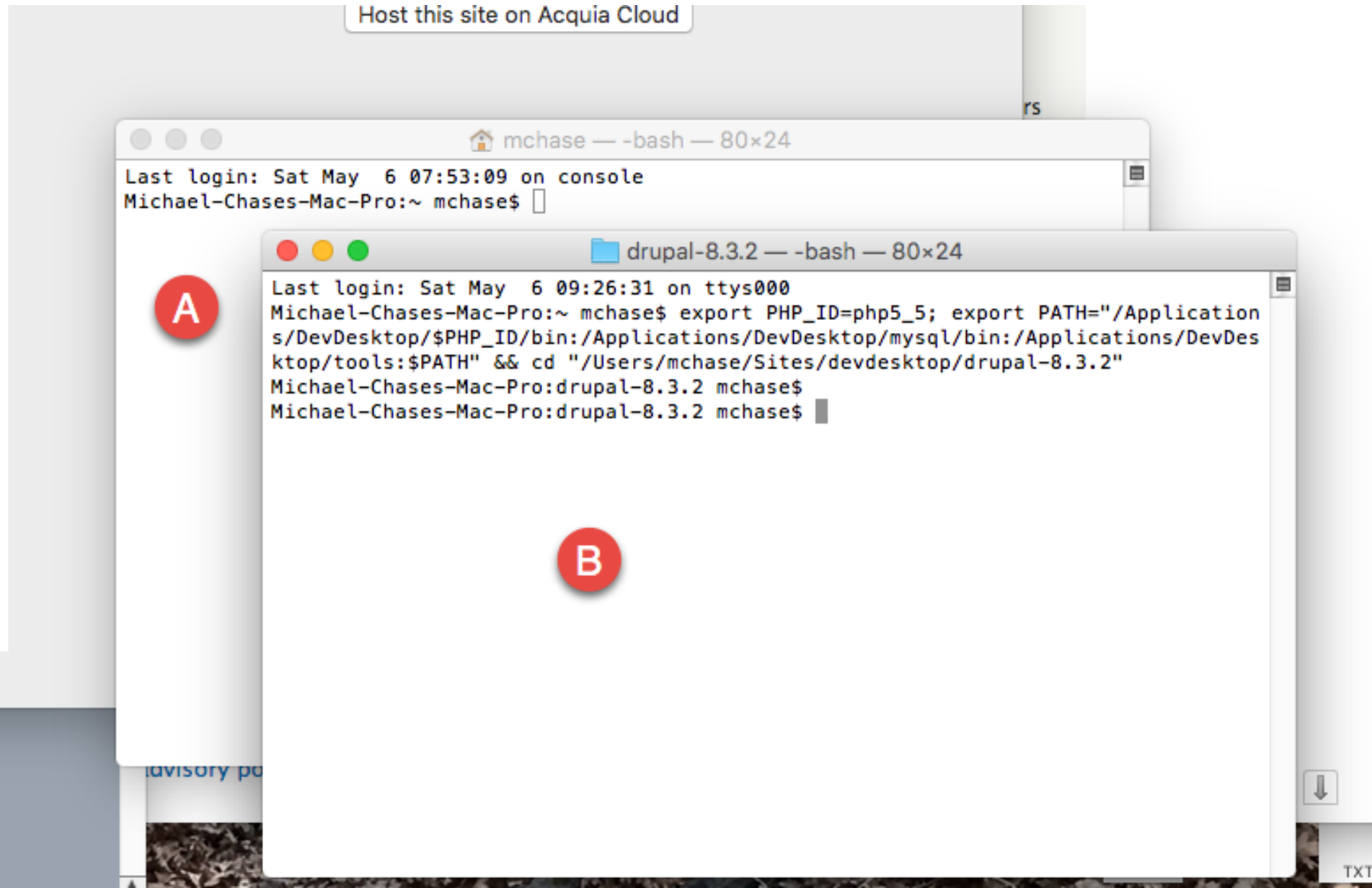
# Steps to Install Composer on Acquia Dev Desktop

1. On Acquia dev desktop, select Drush Console icon (see next page)
2. On a web browser, access the article and follow it's instructions  
<https://docs.acquia.com/resource/composer>
3. Copy and run the download composer PHP command in Terminal
4. Access the Brew page <https://brew.sh>
5. Copy the run Brew command, paste and execute it in Drush console
6. Run a second set of commands to update Brew and install composer via Brew
7. Run two composer commands to install the Address module and all required libraries

# First: Select Open Drush Console icon



Selecting the Drush Console opens up 2 Bash Terminal Windows on my Mac. Use the one that has the Drupal 8 path in the command prompt (See B below)



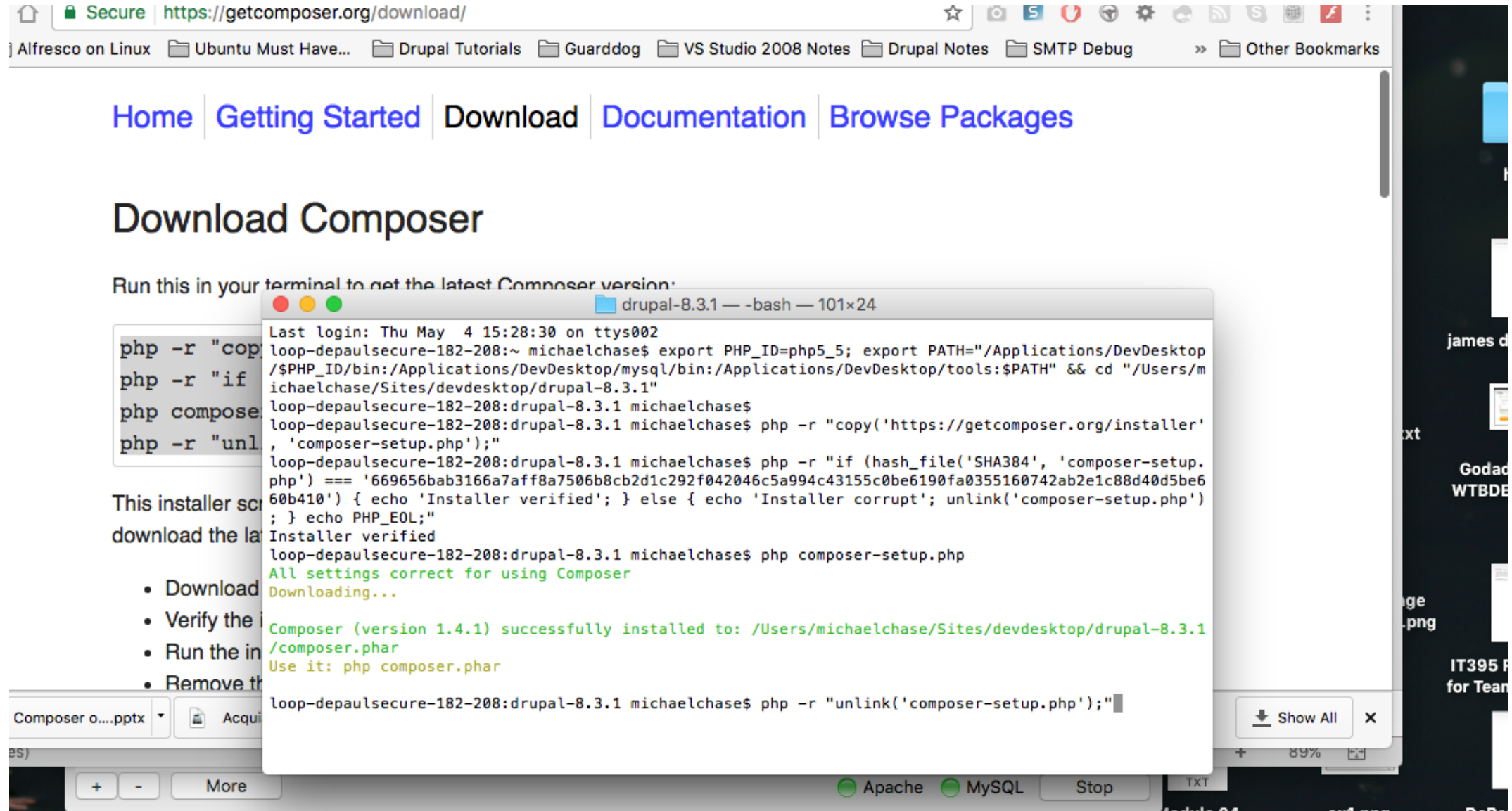


# PHP Composer Download command

Don't copy and paste the command from here.  
Copy it from the Web page at  
<https://getcomposer.org/download/>

```
php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');" php  
-r "if (hash_file('SHA384', 'composer-setup.php') ===  
'669656bab3166a7aff8a7506b8cb2d1c292f042046c5a994c43155c0be6190fa0  
355160742ab2e1c88d40d5be660b410') { echo 'Installer verified'; } else { echo  
'Installer corrupt'; unlink('composer-setup.php'); } echo PHP_EOL;" php  
composer-setup.php php -r "unlink('composer-setup.php');"
```

# (A) Running the Composer download PHP command



The screenshot shows a web browser window at <https://getcomposer.org/download/>. The navigation bar includes links for Home, Getting Started, Download, Documentation, and Browse Packages. The main heading is "Download Composer". Below it, the text says "Run this in your terminal to get the latest Composer version:". A terminal window is open, showing the execution of the following commands:

```
php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
php -r "if (hash_file('SHA384', 'composer-setup.php') === '669656bab3166a7aff8a7506b8cb2d1c292f042046c5a994c43155c0be6190fa0355160742ab2e1c88d40d5be660b410') { echo 'Installer verified'; } else { echo 'Installer corrupt'; unlink('composer-setup.php'); } echo PHP_EOL;"
php composer-setup.php
All settings correct for using Composer
Downloading...

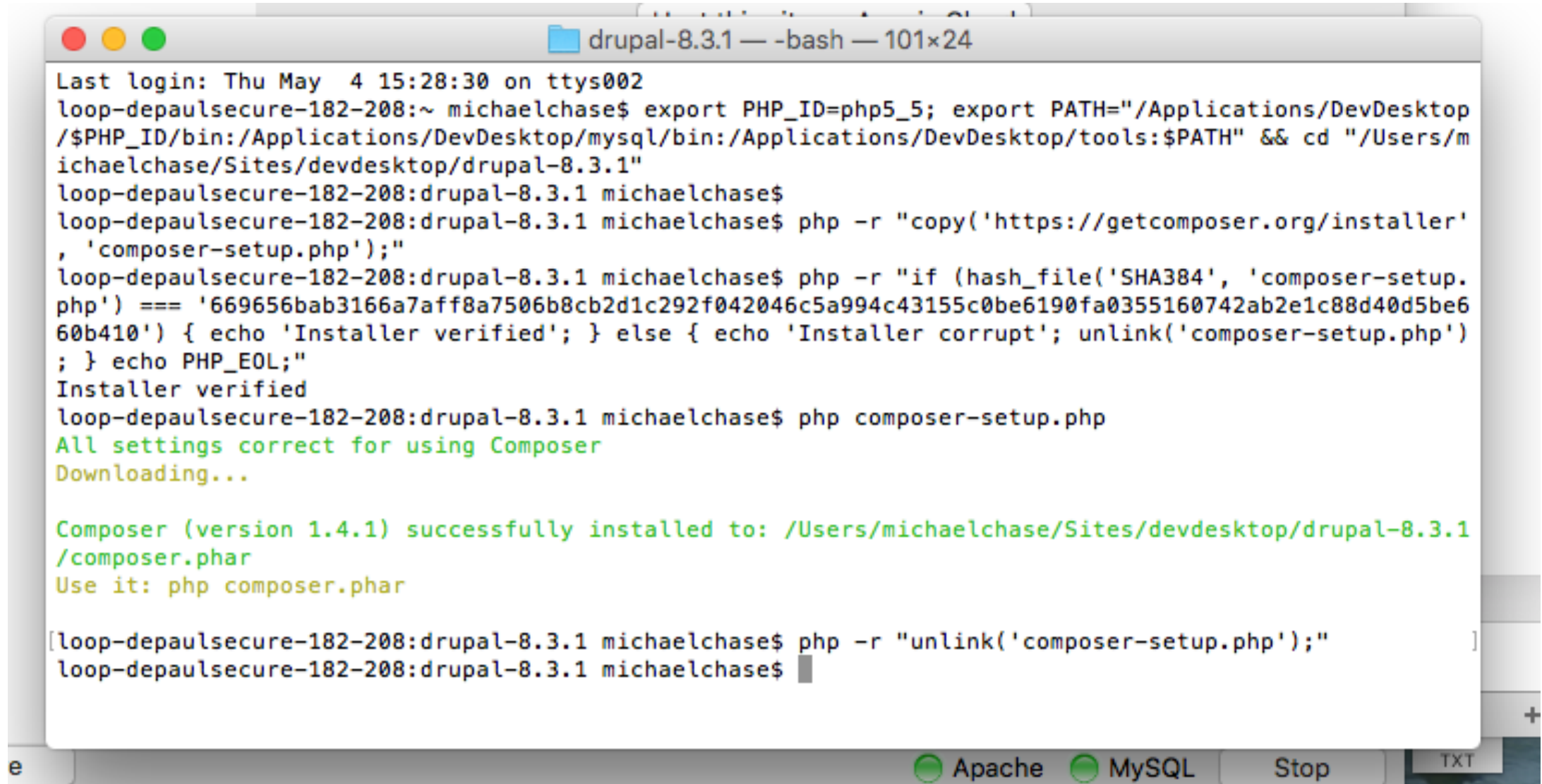
Composer (version 1.4.1) successfully installed to: /Users/michaelchase/Sites/devdesktop/drupal-8.3.1/composer.phar
Use it: php composer.phar
php -r "unlink('composer-setup.php');"
```

Below the terminal window, the text "This installer script will download the latest version of Composer" is visible, followed by a list of steps:

- Download
- Verify the
- Run the in
- Remove th

The terminal window also shows the output of the commands, including the SHA384 hash verification and the successful installation of Composer to the specified directory.

# There are actually two commands



```
drupal-8.3.1 — -bash — 101x24

Last login: Thu May  4 15:28:30 on ttys002
loop-depaulsecure-182-208:~ michaelchase$ export PHP_ID=php5_5; export PATH="/Applications/DevDesktop
/$PHP_ID/bin:/Applications/DevDesktop/mysql/bin:/Applications/DevDesktop/tools:$PATH" && cd "/Users/m
ichaelchase/Sites/devdesktop/drupal-8.3.1"
loop-depaulsecure-182-208:drupal-8.3.1 michaelchase$
loop-depaulsecure-182-208:drupal-8.3.1 michaelchase$ php -r "copy('https://getcomposer.org/installer'
, 'composer-setup.php');"
loop-depaulsecure-182-208:drupal-8.3.1 michaelchase$ php -r "if (hash_file('SHA384', 'composer-setup.
php') === '669656bab3166a7aff8a7506b8cb2d1c292f042046c5a994c43155c0be6190fa0355160742ab2e1c88d40d5be6
60b410') { echo 'Installer verified'; } else { echo 'Installer corrupt'; unlink('composer-setup.php')
; } echo PHP_EOL;"
Installer verified
loop-depaulsecure-182-208:drupal-8.3.1 michaelchase$ php composer-setup.php
All settings correct for using Composer
Downloading...

Composer (version 1.4.1) successfully installed to: /Users/michaelchase/Sites/devdesktop/drupal-8.3.1
/composer.phar
Use it: php composer.phar

[loop-depaulsecure-182-208:drupal-8.3.1 michaelchase$ php -r "unlink('composer-setup.php');"
loop-depaulsecure-182-208:drupal-8.3.1 michaelchase$
```






At the bottom of the terminal window, there are three status buttons: **Apache** (with a green circle icon), **MySQL** (with a green circle icon), and **Stop** (with a grey square icon). To the right of these buttons is a **TXT** button.

# I'm on a Mac, so I access the Mac/Unix Brew information

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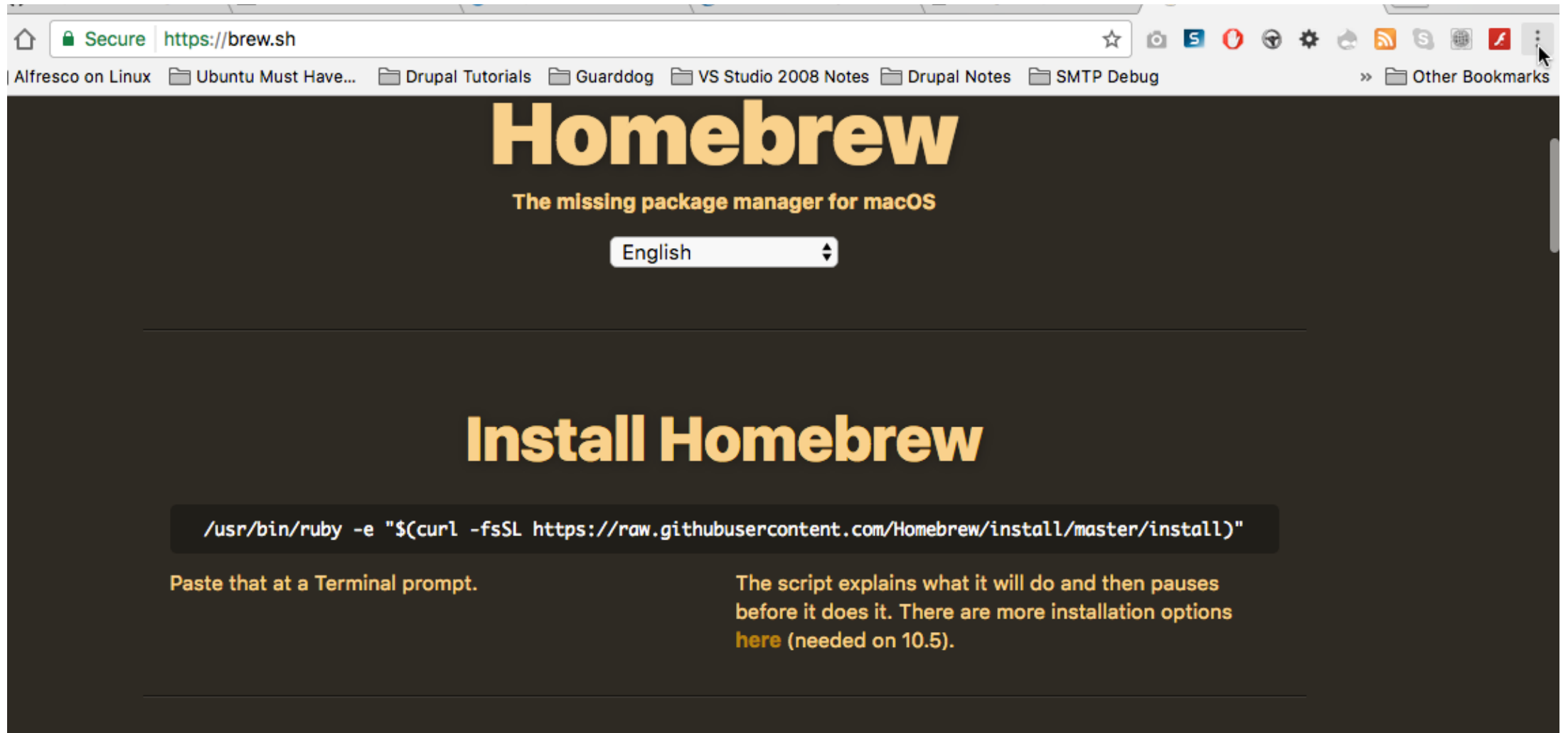
## Installing Composer

To install Composer for use with your website, complete the following steps:

1. Download Composer from its [download page](#) .
2. To allow you to install Composer, depending on your operating system, download and install the appropriate package manager using the instructions on its download page:
  - *Mac/Unix* - [Brew](#)   
  - *Windows* - [Scoop](#) 
3. Open a command prompt window.
4. Install Composer using the appropriate command, based on your operating system:
  - *Mac/Unix*

# Copy and Run the Brew install on the Terminal

## <https://brew.sh>



# The Brew Command

Do not copy the command from here, copy it from the Brew/Unix web page

```
/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```



# Running the Brew install command

```
[Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$ /usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"  
==> This script will install:  
/usr/local/bin/brew  
/usr/local/share/doc/homebrew  
/usr/local/share/man/man1/brew.1  
/usr/local/share/zsh/site-functions/_brew  
/usr/local/etc/bash_completion.d/brew  
/usr/local/Homebrew  
==> The following existing directories will be made group writable:  
/usr/local/bin  
/usr/local/lib  
/usr/local/share  
/usr/local/share/man  
/usr/local/share/man/man1  
==> The following existing directories will have their owner set to mchase:  
/usr/local/bin  
/usr/local/lib  
/usr/local/share  
/usr/local/share/man  
/usr/local/share/man/man1  
==> The following existing directories will have their group set to admin:
```

# Running the ruby command, first it requires you to hit ENTER to continue, then asks for the Mac Admin password

```
Press RETURN to continue or any other key to abort
==> /usr/bin/sudo /bin/chmod u+rwx /usr/local/bin /usr/local/lib /usr/local/share
e /usr/local/share/man /usr/local/share/man/man1
[Password:
==> /usr/bin/sudo /bin/chmod g+rwx /usr/local/bin /usr/local/lib /usr/local/share
e /usr/local/share/man /usr/local/share/man/man1
==> /usr/bin/sudo /usr/sbin/chown mchase /usr/local/bin /usr/local/lib /usr/local/share
/usr/local/share/man /usr/local/share/man/man1
==> /usr/bin/sudo /usr/bin/chgrp admin /usr/local/bin /usr/local/share /usr/local/share/man
/usr/local/share/man/man1
==> /usr/bin/sudo /bin/mkdir -p /usr/local/Cellar /usr/local/Homebrew /usr/local/Frameworks
/usr/local/etc /usr/local/include /usr/local/opt /usr/local/sbin /usr/local/share/zsh
/usr/local/share/zsh/site-functions /usr/local/var
==> /usr/bin/sudo /bin/chmod g+rwx /usr/local/Cellar /usr/local/Homebrew /usr/local/Frameworks
/usr/local/etc /usr/local/include /usr/local/opt /usr/local/sbin /usr/local/share/zsh
/usr/local/share/zsh/site-functions /usr/local/var
==> /usr/bin/sudo /bin/chmod 755 /usr/local/share/zsh /usr/local/share/zsh/site-
```



# BREW INSTALL PROBLEM

- When I tried to continue with the process by entering the “brew update” command, it would not run
- I reproduced this problem on a different Mac
- My solution is to run the ruby BREW install command a second time.
- The command appears to behave differently with a better outcome
- After running the command again, I am able to continue with the next set of brew commands

# 2<sup>nd</sup> Run of the Ruby command completed

```
drupal-8.3.1 — -bash — 80x24

==> Tapping homebrew/core
Cloning into '/usr/local/Homebrew/Library/Taps/homebrew/homebrew-core'...
remote: Counting objects: 4406, done.
remote: Compressing objects: 100% (4211/4211), done.
remote: Total 4406 (delta 39), reused 458 (delta 15), pack-reused 0
Receiving objects: 100% (4406/4406), 3.52 MiB | 0 bytes/s, done.
Resolving deltas: 100% (39/39), done.
Checking connectivity... done.
Tapped 4211 formulae (4,447 files, 11MB)
==> Cleaning up /Library/Caches/Homebrew...
==> Migrating /Library/Caches/Homebrew to /Users/michaelchase/Library/Caches/Hom
==> Deleting /Library/Caches/Homebrew...
Already up-to-date.
==> Installation successful!

==> Homebrew has enabled anonymous aggregate user behaviour analytics.
Read the analytics documentation (and how to opt-out) here:
  http://docs.brew.sh/Analytics.html

==> Next steps:
- Run `brew help` to get started
- Further documentation:
  http://docs.brew.sh
loop-depaulsecure-182-208:drupal-8.3.1 michaelchase$
```

## 2<sup>nd</sup> set of Brew commands:

<https://gist.github.com/tomysmile/3b37ab4a1ddd604093fe724d0a882166>

- Run a set of commands to update Brew and install Composer via Brew
  - `brew update`
  - `brew tap homebrew/dupe`
  - `brew tap homebrew/php`
  - `brew install php56`
  - `brew install composer`
- To test composer installation run the command below (that's a capital V):
  - `composer -V`

# Run the next set of Brew commands to update Brew and install composer

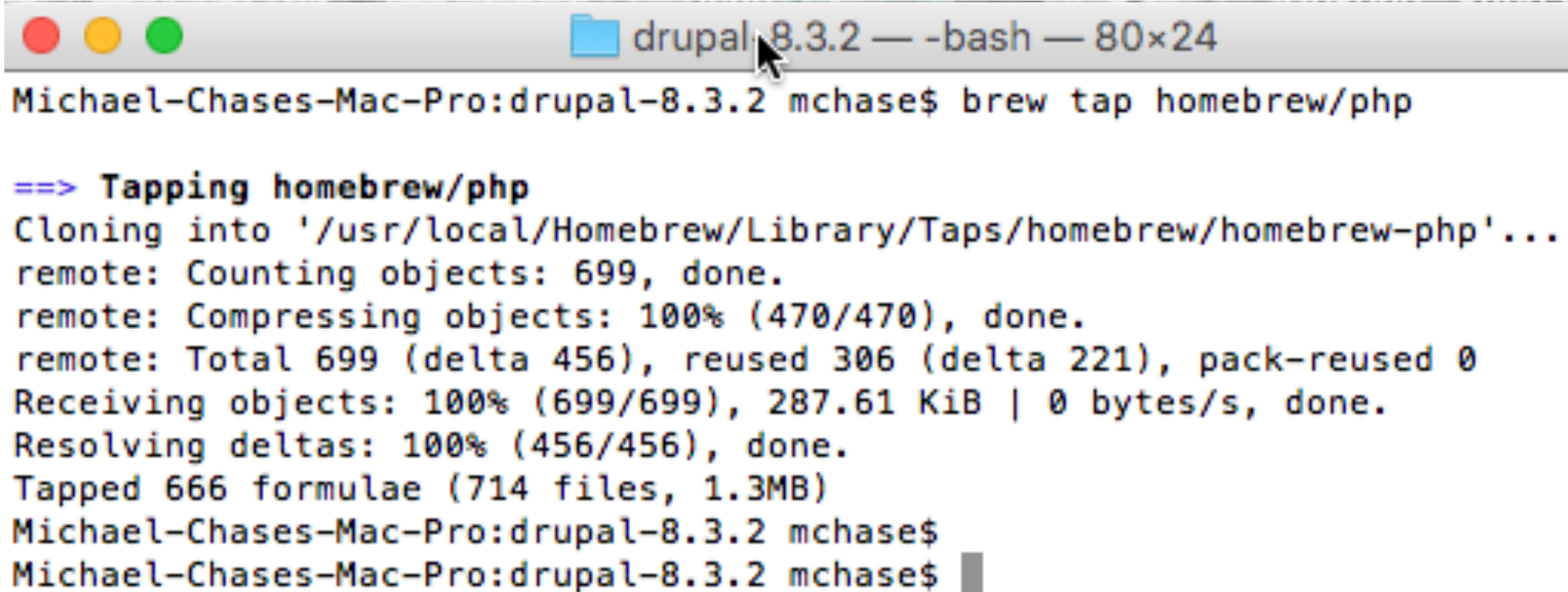
- `brew update`
- `brew tap homebrew/dures`
- `brew tap homebrew/php`
- `brew install php56`
- `brew install composer`

# brew update

# brew tap homebrew/dupes

```
==> Next steps:
- Run `brew help` to get started
- Further documentation:
  http://docs.brew.sh
[Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$ brew update
Already up-to-date.
Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$ brew tap homebrew/dupes
Warning: homebrew/dupes was deprecated. This tap is now empty as all its formulae were migrated.
==> Tapping homebrew/dupes
Cloning into '/usr/local/Homebrew/Library/Taps/homebrew/homebrew-dupes'...
remote: Counting objects: 5, done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 5 (delta 0), reused 3 (delta 0), pack-reused 0
Unpacking objects: 100% (5/5), done.
Tapped 0 formulae (30 files, 23.7KB)
Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$
```

# brew tap homebrew/php



A screenshot of a macOS terminal window. The title bar shows three colored window control buttons (red, yellow, green) on the left, a blue folder icon followed by the text 'drupal-8.3.2' in the center, and '-bash — 80x24' on the right. The terminal content shows the command 'brew tap homebrew/php' being executed. The output includes a header '==> Tapping homebrew/php', followed by cloning progress, object counting (699), compression (100%), total object counts (699 total, 456 delta, 306 reused), receiving progress (100%, 287.61 KiB), and resolving deltas (100%). It concludes with 'Tapped 666 formulae (714 files, 1.3MB)' and shows the prompt returning to the user.

```
Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$ brew tap homebrew/php

==> Tapping homebrew/php
Cloning into '/usr/local/Homebrew/Library/Taps/homebrew/homebrew-php'...
remote: Counting objects: 699, done.
remote: Compressing objects: 100% (470/470), done.
remote: Total 699 (delta 456), reused 306 (delta 221), pack-reused 0
Receiving objects: 100% (699/699), 287.61 KiB | 0 bytes/s, done.
Resolving deltas: 100% (456/456), done.
Tapped 666 formulae (714 files, 1.3MB)
Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$
Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$
```



# brew install php56

```
Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$ brew tap homebrew/php

==> Tapping homebrew/php
Cloning into '/usr/local/Homebrew/Library/Taps/homebrew/homebrew-php'...
remote: Counting objects: 699, done.
remote: Compressing objects: 100% (470/470), done.
remote: Total 699 (delta 456), reused 0, total 699
Receiving objects: 100% (699/699), 1.1 MB, done.
Resolving deltas: 100% (456/456), The control script is located at /usr/local/opt/php56/sbin/php56-fpm
Tapped 666 formulae (714 files, 1.1 MB)
Michael-Chases-Mac-Pro:drupal-8.3.0S X 10.8 and newer come with php-fpm pre-installed, to ensure you are using the
[Michael-Chases-Mac-Pro:drupal-8.3. brew version you need to make sure /usr/local/sbin is before /usr/sbin in your
==> Installing php56 from homebrewPATH:
==> Installing dependencies for homebrew/php/php56
cu4c, jpeg, libxml2, unixodbc, readline PATH="/usr/local/sbin:$PATH"
==> Installing homebrew/php/php56
==> Downloading https://homebrew.bYou may also need to edit the plist to use the correct "UserName".
#####
==> Pouring libpng-1.6.29.el_capitPlease note that the plist was called 'homebrew-php.josegonzalez.php56.plist' in
📦 /usr/local/Cellar/libpng/1.6.29 old versions of this formula.
==> Installing homebrew/php/php56
==> Downloading https://homebrew.bWith the release of macOS Sierra the Apache module is now not built by default.
If you want to build it on your system you have to install php with the --with-httpd24 option. See brew options php56 for more details.

To have launchd start homebrew/php/php56 now and restart at login:
brew services start homebrew/php/php56
==> Summary
📦 /usr/local/Cellar/php56/5.6.30_6: 331 files, 37.9MB
Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$
```

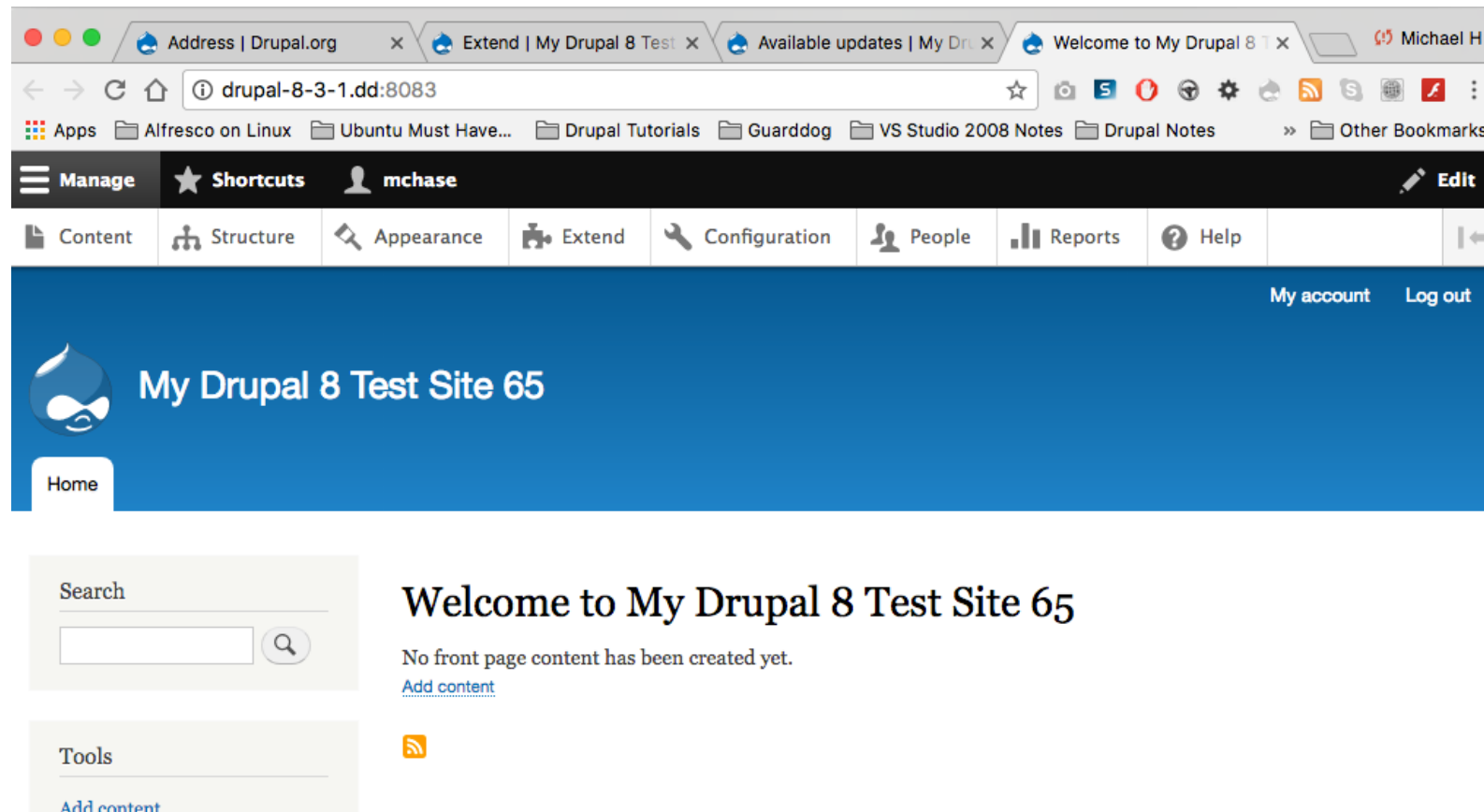
# brew install composer

```
drupal-8.3.2 — -bash — 80x24

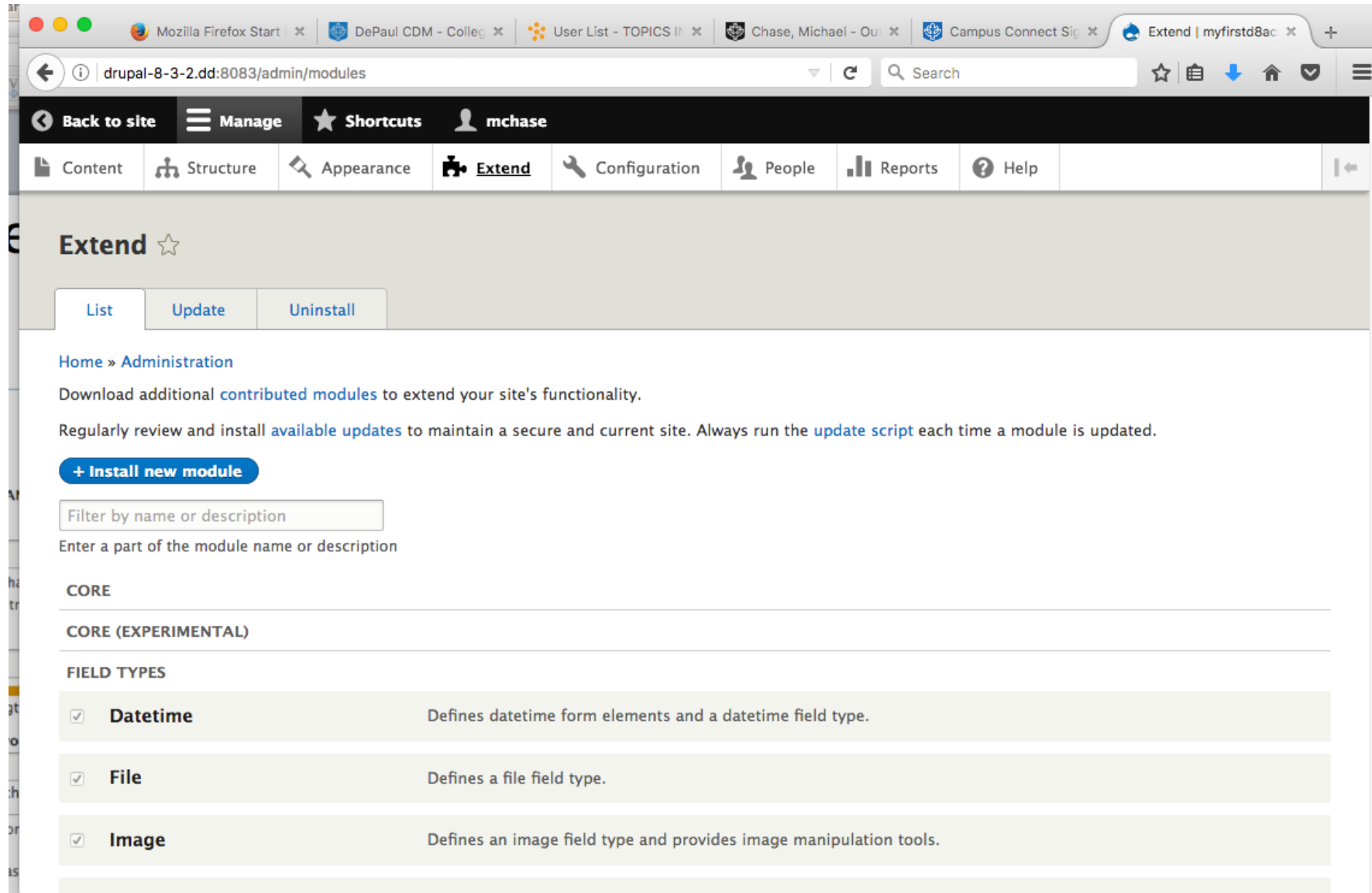
[Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$ brew install composer
==> Installing composer from homebrew/php
==> Downloading https://homebrew.bintray.com/bottles-php/composer-1.4.1.el_capitan
##### 100.0%
==> Pouring composer-1.4.1.el_capitan.bottle.1.tar.gz
==> Caveats
    composer no longer depends on the homebrew php Formulas since the last couple of macOS releases
    contains a php version compatible with composer. If this has been part of your workflow
    previously then please make the appropriate changes and `brew install php71` or other appropriate
    Homebrew PHP version.
==> Summary
📦 /usr/local/Cellar/composer/1.4.1: 5 files, 1.8MB
Michael-Chases-Mac-Pro:drupal-8.3.2 mchase$
```



Before you continue,  
make sure you have **Installed and Configured**  
your Acquia Drupal 8 site



# Drupal 8 Site Filed Types – Before Composer Address Module installation



# Command Line Install Drupal 8 Address Module to an existing Drupal 8 CMS site on Acquia Dev Desktop

In the Terminal application run the 2 commands:

- Add the Drupal.org Repository  
`composer config repositories.drupal composer https://packages.drupal.org/8`
- Download Address module  
`composer require "drupal/address ~1.0"`

# Composer commands to install the Address Module

```
drupal-8.3.1 — -bash — 80x24

composer.json, and updates the composer.lock file.
  validate      Validates a composer.json and composer.lock.
  why           Shows which packages cause the given package to be installed.
  why-not       Shows which packages prevent the given package from being installed.

[Michael-Chases-MacBook-Pro:drupal-8.3.1 michaelchase$ composer -V ]
Composer version 1.4.1 2017-03-10 09:29:45
[Michael-Chases-MacBook-Pro:drupal-8.3.1 michaelchase$ composer config repositories.drupal composer https://packages.drupal.org/8
[Michael-Chases-MacBook-Pro:drupal-8.3.1 michaelchase$ composer require "drupal/address ~1.0"
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 34 installs, 0 updates, 0 removals
  - Installing commerceguys/enum (v1.0): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing commerceguys/addressing (v1.0.0-beta3): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing commerceguys/zone (dev-master 9bd0b36): Cloning 9bd0b361a9 from cache
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing commerceguys/intl (v0.7.4): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
```

# Composer commands – Address failed Downloading?

```
drupal-8.3.1 — -bash — 80x24
- Installing commerceguys/zone (dev-master 9bd0b36): Cloning 9bd0b361a9 from c
ache
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing commerceguys/intl (v0.7.4): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing symfony/dom-crawler (v2.8.18): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing drupal/address (1.0.0-rc4): Downloading (failed)Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing symfony/css-selector (v2.8.18): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing behat/mink (dev-master 9ea1ceb): Cloning 9ea1cebe3d from cache
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing symfony/browser-kit (v2.8.18): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing fabpot/goutte (v3.2.1): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing behat/mink-browserkit-driver (v1.3.2): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing behat/mink-goutte-driver (v1.2.1): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing squizlabs/php_codesniffer (2.8.1): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing drupal/coder (8.2.12): Downloading (100%)
```



# Composer commands completed

```
drupal-8.3.1 — -bash — 80x24
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing phpdocumentor/reflection-docblock (2.0.4): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing phpspec/prophecy (v1.7.0): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing phpunit/phpunit (4.8.35): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
commerceguys/addressing suggests installing symfony/intl (to use it as the source of country data)
behat/mink suggests installing behat/mink-selenium2-driver (slow, but JS-enabled driver for any app (requires Selenium2))
behat/mink suggests installing behat/mink-zombie-driver (fast and JS-enabled headless driver for any app (requires node.js))
sebastian/global-state suggests installing ext-uopz (*)
phpunit/php-code-coverage suggests installing ext-xdebug (>=2.2.1)
phpdocumentor/reflection-docblock suggests installing dflydev/markdown (~1.0)
phpdocumentor/reflection-docblock suggests installing erusev/parsedown (~1.0)
phpunit/phpunit suggests installing phpunit/php-invoker (~1.1)
Writing lock file
Generating autoload files
> Drupal\Core\Composer\Composer::preAutoloadDump
> Drupal\Core\Composer\Composer::ensureHtaccess
> Drupal\Core\Composer\Composer::configurePhpcs
Michael-Chases-MacBook-Pro:drupal-8.3.1 michaelchase$
```

# FIELD TYPES after Composer install of Address module

The screenshot shows the Drupal 8.3.2 admin/modules page. The browser address bar displays 'drupal-8-3-2.dd:8083/admin/modules'. The top navigation bar includes 'Back to site', 'Manage', 'Shortcuts', and the user 'mchase'. Below this is a secondary navigation bar with icons for Content, Structure, Appearance, Extend (active), Configuration, People, Reports, and Help. The main content area is titled 'Extend' with a star icon. It features three tabs: 'List' (selected), 'Update', and 'Uninstall'. Below the tabs, there is a breadcrumb 'Home » Administration' and a description: 'Download additional contributed modules to extend your site's functionality. Regularly review and install available updates to maintain a secure and current site. Always run the update script each time a module is updated.' A blue button '+ Install new module' is present. A search box labeled 'Filter by name or description' is also shown. The list of modules is categorized by 'CORE', 'CORE (EXPERIMENTAL)', and 'FIELD TYPES'. Under 'FIELD TYPES', three modules are listed: 'Address' (unchecked checkbox, description: 'Provides functionality for handling postal addresses.'), 'Datetime' (checked checkbox, description: 'Defines datetime form elements and a datetime field type.'), and 'File' (checked checkbox, description: 'Defines a file field type.'). The 'Address' module row is highlighted with a yellow border.

drupal-8-3-2.dd:8083/admin/modules

Back to site Manage Shortcuts mchase

Content Structure Appearance **Extend** Configuration People Reports Help

**Extend** ☆

List Update Uninstall

Home » Administration

Download additional [contributed modules](#) to extend your site's functionality.

Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.

[+ Install new module](#)

Filter by name or description

Enter a part of the module name or description

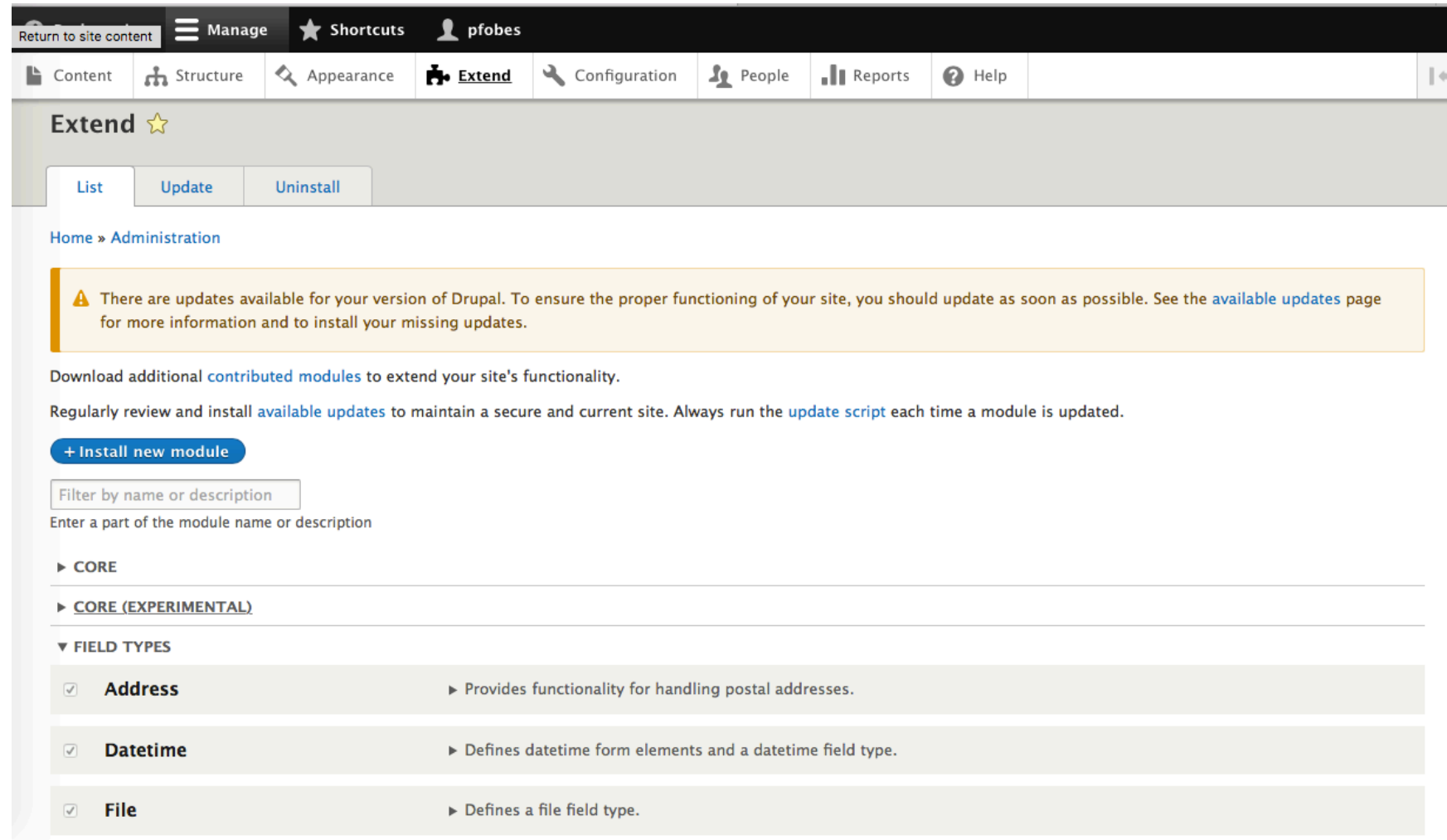
CORE

CORE (EXPERIMENTAL)

FIELD TYPES

<input type="checkbox"/>	<b>Address</b>	Provides functionality for handling postal addresses.
<input checked="" type="checkbox"/>	<b>Datetime</b>	Defines datetime form elements and a datetime field type.
<input checked="" type="checkbox"/>	<b>File</b>	Defines a file field type.

# Address Module Enabled on Acquia Drupal site



The screenshot shows the Drupal administration interface. At the top, there's a navigation bar with links like 'Return to site content', 'Manage', 'Shortcuts', and a user profile 'pfobes'. Below this is a secondary navigation bar with icons for 'Content', 'Structure', 'Appearance', 'Extend' (active), 'Configuration', 'People', 'Reports', and 'Help'. The main content area is titled 'Extend' with a star icon. It has three tabs: 'List' (active), 'Update', and 'Uninstall'. Below the tabs, there's a breadcrumb 'Home » Administration'. A yellow warning box states: 'There are updates available for your version of Drupal. To ensure the proper functioning of your site, you should update as soon as possible. See the [available updates](#) page for more information and to install your missing updates.' Below the warning, there's text about downloading contributed modules and a button '+ Install new module'. A search box 'Filter by name or description' is present. The list of modules is shown, with 'CORE' and 'CORE (EXPERIMENTAL)' collapsed. Under 'FIELD TYPES', three modules are listed: 'Address' (checked), 'Datetime' (checked), and 'File' (checked). Each module has a description: 'Address' provides functionality for handling postal addresses, 'Datetime' defines datetime form elements and a datetime field type, and 'File' defines a file field type.

Return to site content Manage Shortcuts pfobes

Content Structure Appearance **Extend** Configuration People Reports Help

**Extend** ★

List Update Uninstall

Home » Administration

⚠ There are updates available for your version of Drupal. To ensure the proper functioning of your site, you should update as soon as possible. See the [available updates](#) page for more information and to install your missing updates.

Download additional [contributed modules](#) to extend your site's functionality.

Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.

+ Install new module

Filter by name or description

Enter a part of the module name or description

► CORE

► CORE (EXPERIMENTAL)

▼ FIELD TYPES

<input checked="" type="checkbox"/>	<b>Address</b>	► Provides functionality for handling postal addresses.
<input checked="" type="checkbox"/>	<b>Datetime</b>	► Defines datetime form elements and a datetime field type.
<input checked="" type="checkbox"/>	<b>File</b>	► Defines a file field type.



# Address module successfully Installed and Enabled

The screenshot shows the Drupal 8 Admin UI. The browser tabs include 'Address | Drupal.org', 'Extend | My Drupal 8 Test Site', and 'Available updates | My Drupal'. The address bar shows 'drupal-8-3-1.dd:8083/admin/modules'. The top navigation bar includes 'Back to site', 'Manage', 'Shortcuts', and the user 'mchase'. The main navigation bar has links for 'Content', 'Structure', 'Appearance', 'Extend' (active), 'Configuration', 'People', 'Reports', and 'Help'. Below the navigation bar, a message states: 'Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.' A blue button '+ Install new module' is present. Below it is a search box 'Filter by name or description' with the placeholder text 'Enter a part of the module name or description'. The module list is categorized into 'CORE', 'CORE (EXPERIMENTAL)', and 'FIELD TYPES'. Under 'FIELD TYPES', three modules are listed: 'Address' (checked), 'Datetime' (checked), and 'File' (checked). Each module has a description: 'Address' provides functionality for handling postal addresses, 'Datetime' defines datetime form elements and a datetime field type, and 'File' defines a file field type.

Address | Drupal.org x Extend | My Drupal 8 Test Site x Available updates | My Drupal x

← → ↻ 🏠 ⓘ drupal-8-3-1.dd:8083/admin/modules ☆ 📷 S 🔴 🔄 ⚙️

📁 Apps 📁 Alfresco on Linux 📁 Ubuntu Must Have... 📁 Drupal Tutorials 📁 Guarddog 📁 VS Studio 2008 Notes 📁 Drupal Notes 📁 SMTP Debug

🏠 Back to site ☰ Manage ⭐ Shortcuts 👤 mchase

📁 Content 📁 Structure 🔍 Appearance 🧩 Extend 🔧 Configuration 👤 People 📊 Reports ? Help

Regularly review and install [available updates](#) to maintain a secure and current site. Always run the [update script](#) each time a module is updated.

+ Install new module

Filter by name or description

Enter a part of the module name or description

▶ CORE

▶ CORE (EXPERIMENTAL)

▼ FIELD TYPES

<input checked="" type="checkbox"/>	<b>Address</b>	▶ Provides functionality for handling postal addresses.
<input checked="" type="checkbox"/>	<b>Datetime</b>	▶ Defines datetime form elements and a datetime field type.
<input checked="" type="checkbox"/>	<b>File</b>	▶ Defines a file field type.

# References

- Drupal 8 Address module: <https://www.drupal.org/project/address>
- install composer: <https://docs.acquia.com/resource/composer>
- *Brew install*: <https://brew.sh>
- Brew commands:  
<https://gist.github.com/tomysmile/3b37ab4a1ddd604093fe724d0a882166>