

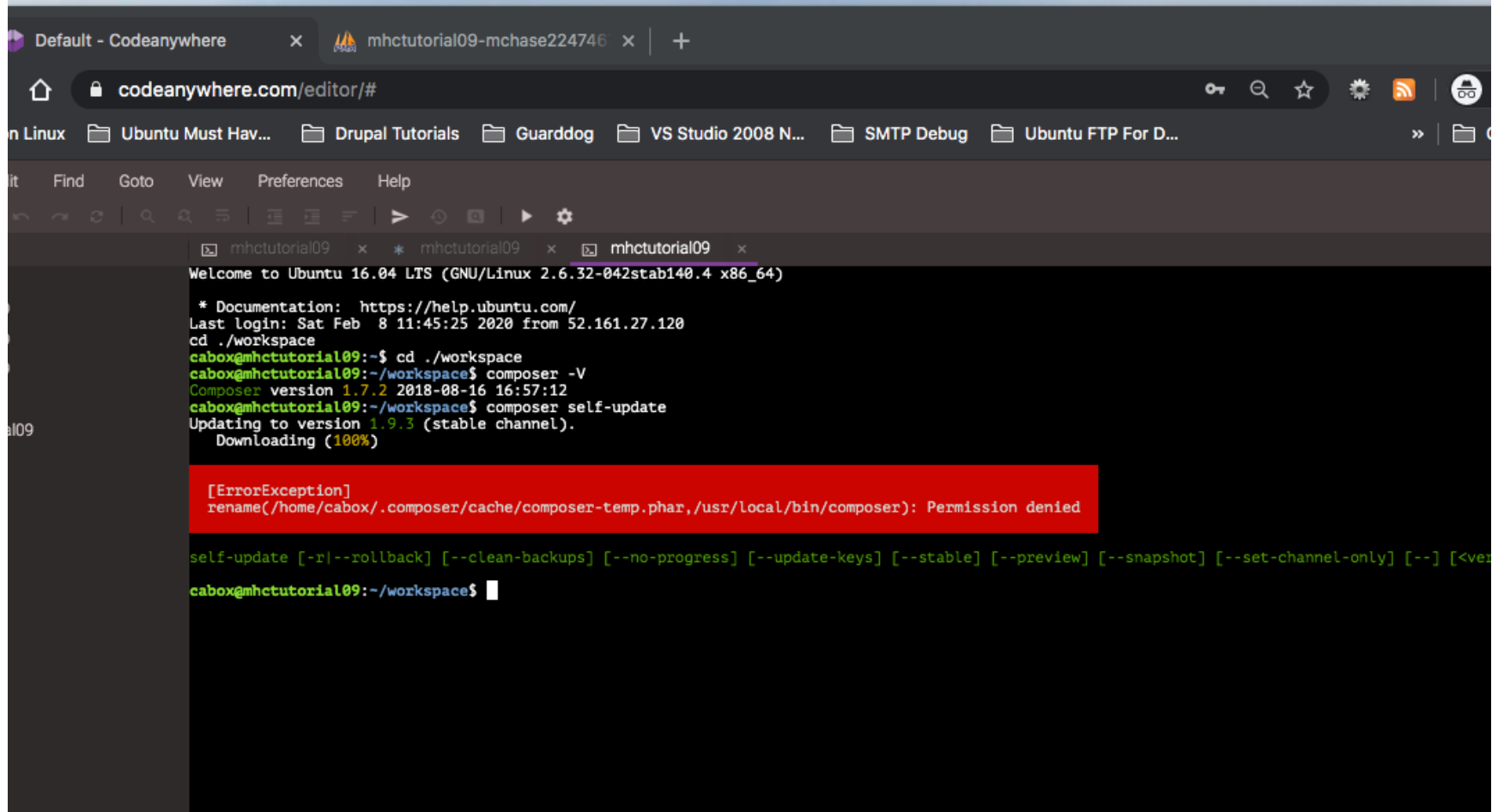
Drupal 8 core update with Composer and Drush on Codeanywhere

<https://www.drupal.org/docs/8/update/update-core-via-composer>

Until we fix the composer error we won't be able to use composer

- Starting Feb 2nd 2020, my Codeanywhere Ubuntu container started throwing errors when I executed basic composer commands
- To test my fix, I would first check the composer version (-V) and then attempt to run a composer self-update command
- If I got the permission error, I executed a chown command to set the /usr/local/bin folder to cabox:cabox ownership
- This seems to have fixed the issue (for now)

We must fix the Permission denied error for composer



The screenshot shows a web browser window with the Codeanywhere editor. The terminal output is as follows:

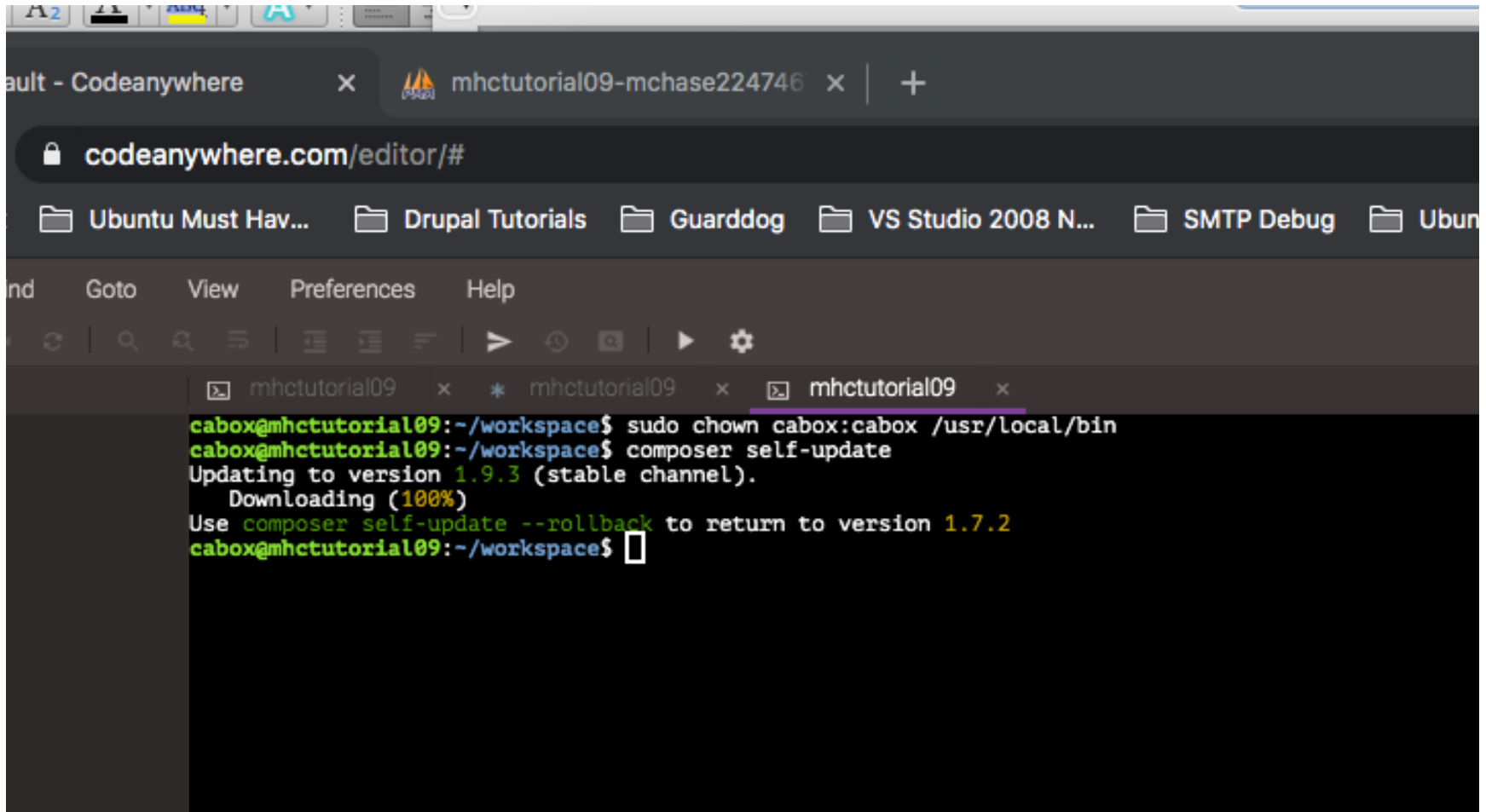
```
Welcome to Ubuntu 16.04 LTS (GNU/Linux 2.6.32-042stab140.4 x86_64)

* Documentation: https://help.ubuntu.com/
Last login: Sat Feb  8 11:45:25 2020 from 52.161.27.120
cd ./workspace
cabox@mhctutorial09:~$ cd ./workspace
cabox@mhctutorial09:~/workspace$ composer -V
Composer version 1.7.2 2018-08-16 16:57:12
cabox@mhctutorial09:~/workspace$ composer self-update
Updating to version 1.9.3 (stable channel).
  Downloading (100%)

[ErrorException]
rename(/home/cabox/.composer/cache/composer-temp.phar,/usr/local/bin/composer): Permission denied

self-update [-r|--rollback] [--clean-backups] [--no-progress] [--update-keys] [--stable] [--preview] [--snapshot] [--set-channel-only] [--] [<version>]
cabox@mhctutorial09:~/workspace$
```

Fix composer permissions error on the `/usr/local/bin` folder ownership



The screenshot shows a web browser window with the Codeanywhere editor. The terminal output is as follows:

```
cabox@mhctutorial09:~/workspace$ sudo chown cabox:cabox /usr/local/bin
cabox@mhctutorial09:~/workspace$ composer self-update
Updating to version 1.9.3 (stable channel).
  Downloading (100%)
Use composer self-update --rollback to return to version 1.7.2
cabox@mhctutorial09:~/workspace$
```

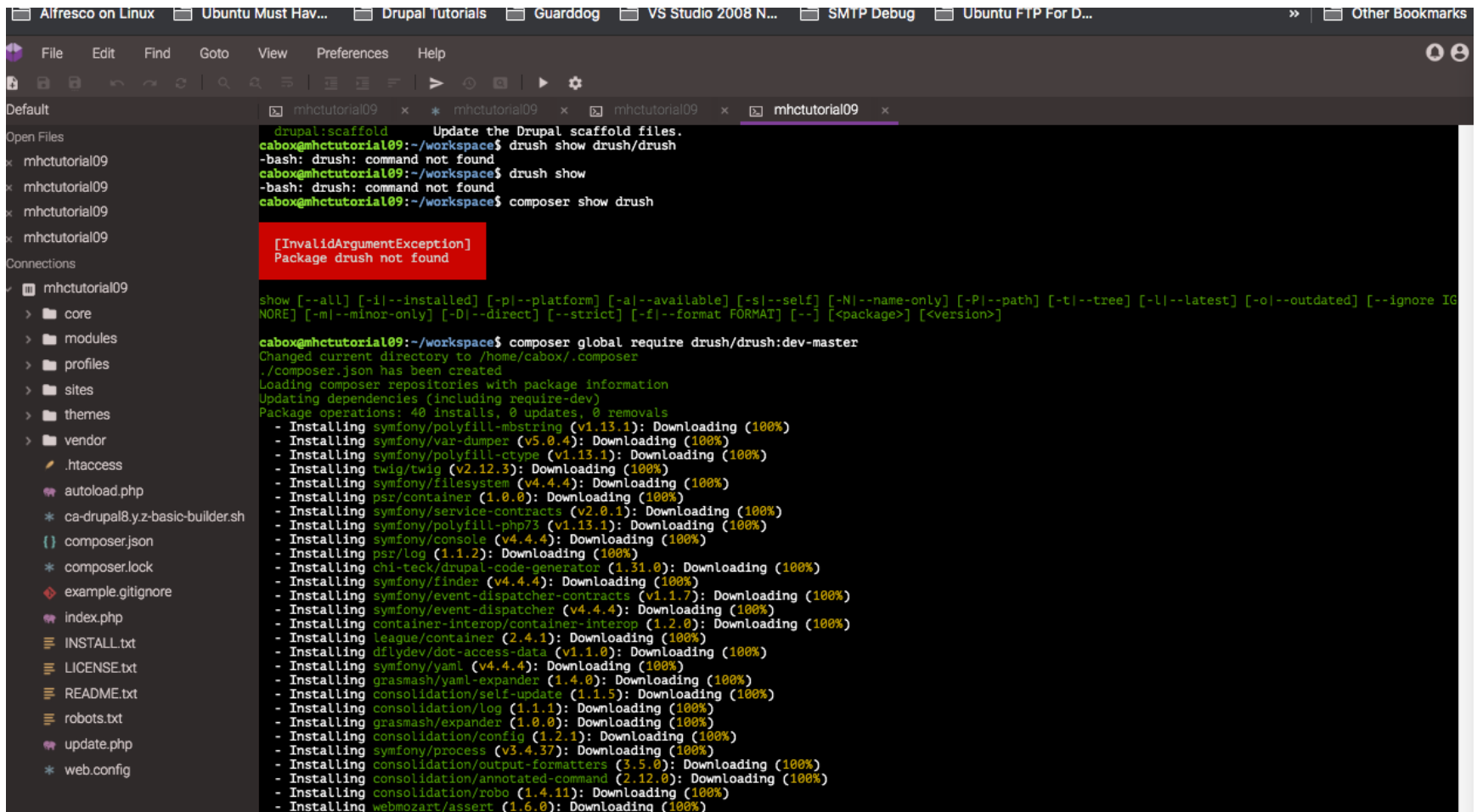
Install Drush using composer

After verifying Composer issue is resolved

1. Open an SSH terminal
2. At the workspace enter the following composer package manager command:

```
composer global require drush/drush:dev-master
```

Install drush using composer



The screenshot shows a terminal window with a file explorer on the left and a terminal output on the right. The file explorer shows the contents of the 'mhctutorial09' directory, including 'core', 'modules', 'profiles', 'sites', 'themes', 'vendor', '.htaccess', 'autoload.php', 'ca-drupal8.y.z-basic-builder.sh', 'composer.json', 'composer.lock', 'example.gitignore', 'index.php', 'INSTALL.txt', 'LICENSE.txt', 'README.txt', 'robots.txt', 'update.php', and 'web.config'.

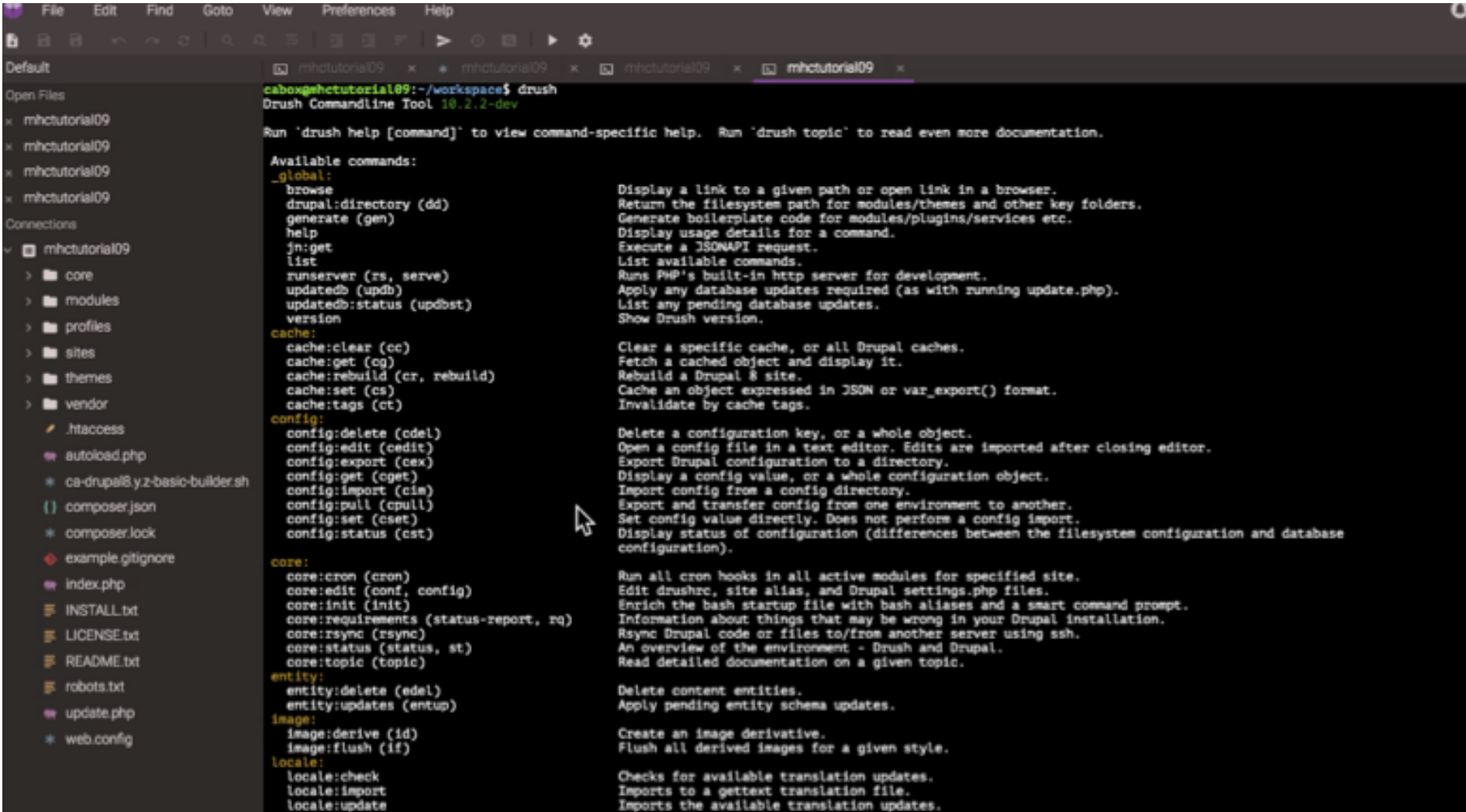
```
drupal:scaffold Update the Drupal scaffold files.
cabox@mhctutorial09:~/workspace$ drush show drush/drush
-bash: drush: command not found
cabox@mhctutorial09:~/workspace$ drush show
-bash: drush: command not found
cabox@mhctutorial09:~/workspace$ composer show drush

[InvalidArgumentException]
Package drush not found

show [--all] [-i|--installed] [-p|--platform] [-a|--available] [-s|--self] [-N|--name-only] [-P|--path] [-t|--tree] [-l|--latest] [-o|--outdated] [--ignore IG
NORE] [--minor-only] [-D|--direct] [--strict] [-f|--format FORMAT] [--] [<package>] [<version>]

cabox@mhctutorial09:~/workspace$ composer global require drush/drush:dev-master
Changed current directory to /home/cabox/.composer
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 40 installs, 0 updates, 0 removals
- Installing symfony/polyfill-mbstring (v1.13.1): Downloading (100%)
- Installing symfony/var-dumper (v5.0.4): Downloading (100%)
- Installing symfony/polyfill-ctype (v1.13.1): Downloading (100%)
- Installing twig/twig (v2.12.3): Downloading (100%)
- Installing symfony/filesystem (v4.4.4): Downloading (100%)
- Installing psr/container (1.0.0): Downloading (100%)
- Installing symfony/service-contracts (v2.0.1): Downloading (100%)
- Installing symfony/polyfill-php73 (v1.13.1): Downloading (100%)
- Installing symfony/console (v4.4.4): Downloading (100%)
- Installing psr/log (1.1.2): Downloading (100%)
- Installing chi-teck/drupal-code-generator (1.31.0): Downloading (100%)
- Installing symfony/finder (v4.4.4): Downloading (100%)
- Installing symfony/event-dispatcher-contracts (v1.1.7): Downloading (100%)
- Installing symfony/event-dispatcher (v4.4.4): Downloading (100%)
- Installing container-interop/container-interop (1.2.0): Downloading (100%)
- Installing league/container (2.4.1): Downloading (100%)
- Installing dflydev/dot-access-data (v1.1.0): Downloading (100%)
- Installing symfony/yaml (v4.4.4): Downloading (100%)
- Installing grassmash/yaml-expander (1.4.0): Downloading (100%)
- Installing consolidation/self-update (1.1.5): Downloading (100%)
- Installing consolidation/log (1.1.1): Downloading (100%)
- Installing grassmash/expander (1.0.0): Downloading (100%)
- Installing consolidation/config (1.2.1): Downloading (100%)
- Installing symfony/process (v3.4.37): Downloading (100%)
- Installing consolidation/output-formatters (3.5.0): Downloading (100%)
- Installing consolidation/annotated-command (2.12.0): Downloading (100%)
- Installing consolidation/robo (1.4.11): Downloading (100%)
- Installing webmozart/assert (1.6.0): Downloading (100%)
```

Run drush command to verify drush is working



```
File Edit Find Goto View Preferences Help
mhctutorial09 x mhctutorial09 x mhctutorial09 x mhctutorial09 x
Open Files
x mhctutorial09
x mhctutorial09
x mhctutorial09
x mhctutorial09
Connections
v mhctutorial09
  > core
  > modules
  > profiles
  > sites
  > themes
  > vendor
  .htaccess
  autoload.php
  * ca-drupal8.y.z-basic-builder.sh
  {} composer.json
  * composer.lock
  example.gitignore
  index.php
  INSTALL.txt
  LICENSE.txt
  README.txt
  robots.txt
  update.php
  * web.config

cabox@mhctutorial09:~/workspace$ drush
Drush Commandline Tool 10.2.2-dev

Run 'drush help [command]' to view command-specific help. Run 'drush topic' to read even more documentation.

Available commands:
_global:
  browse
  drupal:directory (dd)
  generate (gen)
  help
  jn:get
  list
  runserver (rs, serve)
  updatedb (updb)
  updatedb:status (updbst)
  version
cache:
  cache:clear (cc)
  cache:get (cg)
  cache:rebuild (cr, rebuild)
  cache:set (cs)
  cache:tags (ct)
config:
  config:delete (cdel)
  config:edit (cedit)
  config:export (cex)
  config:get (cget)
  config:import (cim)
  config:pull (cpull)
  config:set (cset)
  config:status (cst)
core:
  core:cron (cron)
  core:edit (conf, config)
  core:init (init)
  core:requirements (status-report, rq)
  core:rsync (rsync)
  core:status (status, st)
  core:topic (topic)
entity:
  entity:delete (edel)
  entity:updates (entup)
image:
  image:derive (id)
  image:flush (if)
locale:
  locale:check
  locale:import
  locale:update

Display a link to a given path or open link in a browser.
Return the filesystem path for modules/themes and other key folders.
Generate boilerplate code for modules/plugins/services etc.
Display usage details for a command.
Execute a JSONAPI request.
List available commands.
Runs PHP's built-in http server for development.
Apply any database updates required (as with running update.php).
List any pending database updates.
Show Drush version.

Clear a specific cache, or all Drupal caches.
Fetch a cached object and display it.
Rebuild a Drupal 8 site.
Cache an object expressed in JSON or var_export() format.
Invalidate by cache tags.

Delete a configuration key, or a whole object.
Open a config file in a text editor. Edits are imported after closing editor.
Export Drupal configuration to a directory.
Display a config value, or a whole configuration object.
Import config from a config directory.
Export and transfer config from one environment to another.
Set config value directly. Does not perform a config import.
Display status of configuration (differences between the filesystem configuration and database configuration).

Run all cron hooks in all active modules for specified site.
Edit drushrc, site alias, and Drupal settings.php files.
Enrich the bash startup file with bash aliases and a smart command prompt.
Information about things that may be wrong in your Drupal installation.
Rsync Drupal code or files to/from another server using ssh.
An overview of the environment - Drush and Drupal.
Read detailed documentation on a given topic.

Delete content entities.
Apply pending entity schema updates.

Create an image derivative.
Flush all derived images for a given style.

Checks for available translation updates.
Imports to a gettext translation file.
Imports the available translation updates.
```

<https://www.drupal.org/docs/8/update/update-core-via-composer>

The screenshot shows the Drupal 8 documentation page for updating core via Composer. The page has a blue header with navigation links: Why Drupal?, Build, Solutions, Services, Community, Resources, Give, and a green 'Try Drupal' button. Below the header is a 'Documentation' section with a search bar. The main content area has a breadcrumb trail: Drupal 8 > Updating Drupal 8. The title is 'Update core via Composer' with a subtitle 'Last updated on 7 February 2020'. A yellow warning box states: 'This documentation is **incomplete**. [Add more information.](#)'. Below this is a blue box with the heading '# Having trouble updating to Drupal 8.8.0 or later?'. The main content area shows the start of an article with the text 'Key changes were made to Drupal 8.8.0 as part of the Composer'. On the right side, there is a 'On this page' sidebar with a list of links: 'Having trouble updating to Drupal 8.8.0 or later?', 'First steps', 'Update Drupal 8 core' (with sub-links for 'One step update instruction' and 'Stepwise update instructions'), 'On your production environment', and 'Special considerations for upgrading to Drupal 8.8.0 and later'.

Why Drupal? Build Solutions Services Community Resources Give Try Drupal

Documentation

Search documentation...

Drupal 8 Updating Drupal 8

Update core via Composer

Last updated on 7 February 2020

This documentation is **incomplete**. [Add more information.](#)

Having trouble updating to Drupal 8.8.0 or later?

Key changes were made to Drupal 8.8.0 as part of the Composer

On this page

- Having trouble updating to Drupal 8.8.0 or later?
- First steps
- Update Drupal 8 core
 - One step update instruction
 - If you did not install Drupal 8 using Composer
 - Stepwise update instructions
 - On your production environment
- Special considerations for upgrading to Drupal 8.8.0 and later

Drush 9 no longer supports updating Drupal core. So we have to use Composer and Drush

Before you begin

It is recommended to use Composer to manage Drupal dependencies; read [Using Composer with Drupal](#) for more information. Drush 9 no longer supports updating Drupal and leaves the work to Composer. Hence it is recommended to use [Composer to update Drupal](#). However, if you are a long-time Drush user, you may still use Drush 8 (8.14 or newer) to update Drupal 8.

P.S.: The [introduction](#) to these instructions summarizes all your update options to choose from.

Always revert to a backup when you get a fatal error in the update process.

#1

drush archive-dump

Update Drupal 8 core

Steps to update Drupal 8 core using [Drush](#) 8.x. Drush is the Drupal Shell.

1. Backup both your files and database. Using Drush, type in and execute this command.

```
drush archive-dump
```

- Notes
 - It is **important** to create backups before updating. So that if something unexpected shows up during or after the update you will be able to quickly and easily revert the update.
 - This "*drush archive-dump*" command above creates a *.tar.gz* of files and the database. This is a legacy Drush command. Which is slated for removal in Drush. This command only covers files located under */web* directory.

Check for available update, set maintenance mode, clear cache

2. Check for available updates

```
drush ups
```

- Note: This command above is short for `drush pm-updatestatus`
- Note: This command is deprecated for composer based installation, please use `composer-show`

3. Activate maintenance mode

```
drush sset system.maintenance_mode 1
```

- Note: `sset` is short for `state-set`

4. Clear the cache

```
drush cr
```

- Notes
 - `cr` is short for `cache-rebuild`
 - This command clears the `cache_*` bins in the Drupal database, and then rebuild the site's container

Update Drupal

then rebuild the site's container

5. Choose one or more options below to execute the updates. Which option(s) you choose depends on what type of update(s) are needed.

- **Option:** Update Drupal 8 core

```
drush up drupal
```

- **Option:** Update Drupal 8 core to a development branch, *for testing and patch creation only (not Production)*

```
drush up drupal-8.5.x-dev
```

- **Option:** Update a single module

```
drush up module_name
```

- **Option:** Update only security updates

```
drush up --security-only
```

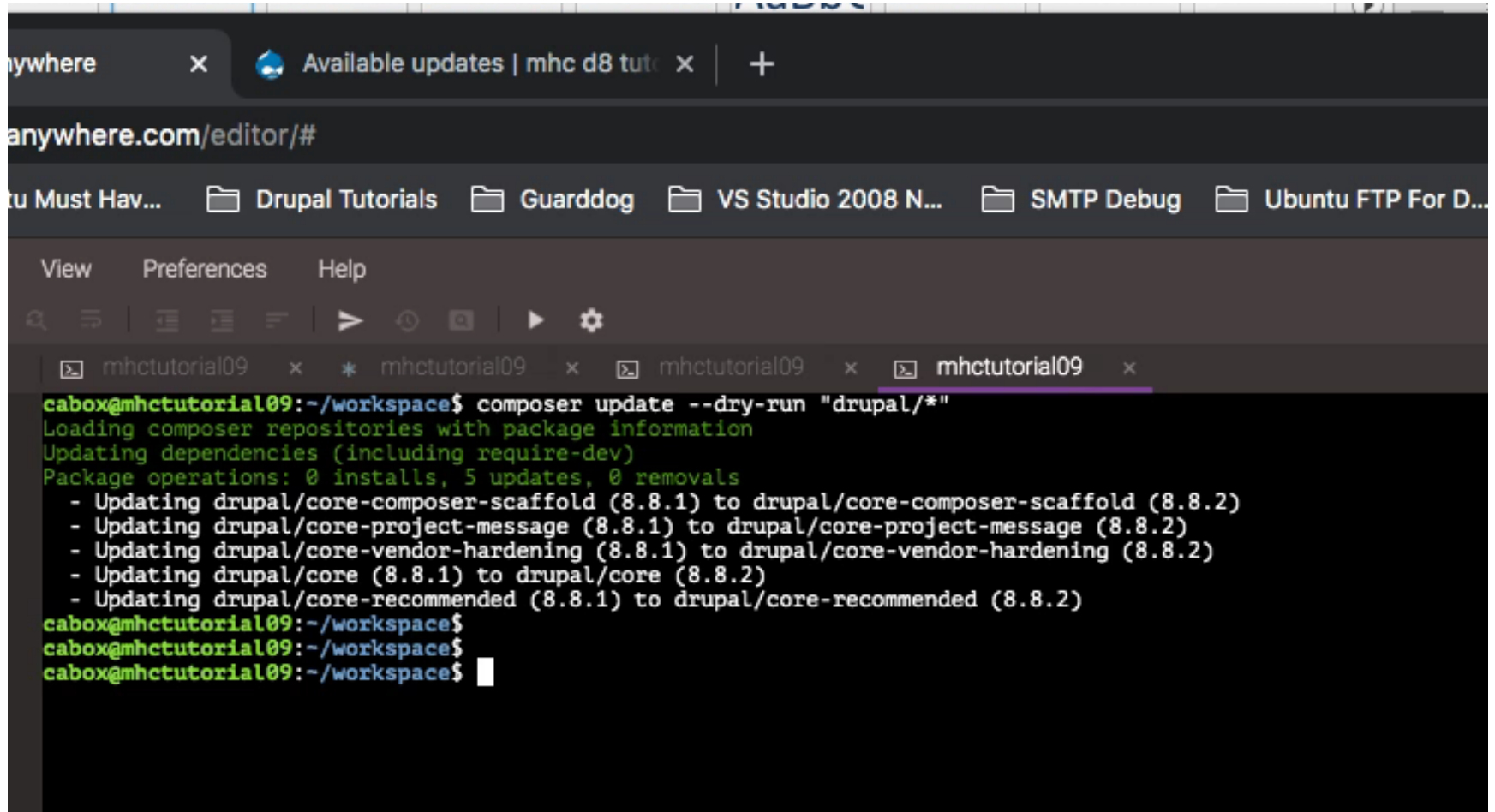
Update core via Composer

COMMANDS

1. `composer update --dry-run "drupal/*"`
2. SET the folder ownership back to cabox:cabox
`sudo chown cabox:cabox sites/default`
`sudo chown -R cabox:cabox modules`
`sudo chown -R cabox:cabox themes`
3. `composer update drupal/core --with-dependencies`
4. `drush updatedb`
5. `drush cache:rebuild`

#1

composer update --dry-run "drupal/*"



The screenshot shows a web browser window at the top with the address bar displaying 'anywhere.com/editor/#'. Below the browser, there is a file explorer showing folders like 'Drupal Tutorials', 'Guarddog', 'VS Studio 2008 N...', 'SMTP Debug', and 'Ubuntu FTP For D...'. At the bottom, a terminal window is open with the command 'composer update --dry-run "drupal/*"' being executed. The terminal output shows the following steps: 'Loading composer repositories with package information', 'Updating dependencies (including require-dev)', 'Package operations: 0 installs, 5 updates, 0 removals', and a list of updates for drupal/core-composer-scaffold, drupal/core-project-message, drupal/core-vendor-hardening, drupal/core, and drupal/core-recommended, all from version 8.8.1 to 8.8.2.

```
anywhere.com/editor/#
tu Must Hav...  Drupal Tutorials  Guarddog  VS Studio 2008 N...  SMTP Debug  Ubuntu FTP For D...
View  Preferences  Help
mhctutorial09  x  * mhctutorial09  x  mhctutorial09  x  mhctutorial09  x
cabox@mhctutorial09:~/workspace$ composer update --dry-run "drupal/*"
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 0 installs, 5 updates, 0 removals
- Updating drupal/core-composer-scaffold (8.8.1) to drupal/core-composer-scaffold (8.8.2)
- Updating drupal/core-project-message (8.8.1) to drupal/core-project-message (8.8.2)
- Updating drupal/core-vendor-hardening (8.8.1) to drupal/core-vendor-hardening (8.8.2)
- Updating drupal/core (8.8.1) to drupal/core (8.8.2)
- Updating drupal/core-recommended (8.8.1) to drupal/core-recommended (8.8.2)
cabox@mhctutorial09:~/workspace$
cabox@mhctutorial09:~/workspace$
cabox@mhctutorial09:~/workspace$
```

Folder ownership issues explained

- At the end of my codeanywhere BASH build script, I have 3 lines that set folder ownership from cabox:cabox to to www-data:www-data
- I added these lines, so that Drupal moduel updates would work from the Druapl admin backend
- The problem is, running on the SSH-Terminal, we need these folder to go back to being owned by cabox:cabox
- So we ill set the ownership to cabox and then when we are done with the Drupal core upgrade, set ownership back to www-data

My build script chown cammands

```
95 cp default.settings.php settings.php
96 chmod a+w settings.php
97 mkdir files
98 chmod a+w files/
99
100 cd $HOME/workspace/sites
101 cp example.settings.local.php ../default/settings.local.php
102
103 sleep 3s
104
105 # set the ownership to drupal folders to www-data
106 cd $HOME
107 cd $HOME/workspace
108
109 sleep 3s
110
111 sudo chown www-data:www-data sites/default
112 sudo chown -R www-data:www-data modules
113 sudo chown -R www-data:www-data themes
114
115 echo " DONE Building Drupal 8 Basic CMS site"
116
```



#2 Fix the folder ownership issues

```
Exception]
```

```
ot delete /home/cabox/workspace/sites/default/default.services.yml:
```

```
-prefer-source] [--prefer-dist] [--dry-run] [--dev] [--no-dev] [--lock] [--  
t] [--with-dependencies] [--with-all-dependencies] [-v|vv|vvv|--verbose] [-  
e-platform-reqs] [--prefer-stable] [--prefer-lowest] [-i|--interactive] [--
```

```
tutorial09:~/workspace$ sudo chown cabox:cabox sites/default
```

```
tutorial09:~/workspace$ sudo chown -R cabox:cabox modules
```

```
tutorial09:~/workspace$ sudo chown -R cabox:caboxthemes
```

```
ssing operand after 'cabox:caboxthemes'
```

```
n --help' for more information.
```

```
tutorial09:~/workspace$ sudo chown -R cabox:cabox themes
```

```
tutorial09:~/workspace$ composer update drupal/core --with-dependencies
```

```
omposer repositories with package information
```

```
dependencies (including require-dev)
```

#3

composer update drupal/core --with-dependencies

```
cabox@mhctutorial09:~/workspace$ sudo chown -R cabox:cabox themes
cabox@mhctutorial09:~/workspace$ composer update drupal/core --with-dependencies
Loading composer repositories with package information
Updating dependencies (including require-dev)
Nothing to install or update
Package zendframework/zend-diactoros is abandoned, you should avoid using it. Use laminas/laminas-diactoros instead.
Package zendframework/zend-escaper is abandoned, you should avoid using it. Use laminas/laminas-escaper instead.
Package zendframework/zend-feed is abandoned, you should avoid using it. Use laminas/laminas-feed instead.
Package zendframework/zend-stdlib is abandoned, you should avoid using it. Use laminas/laminas-stdlib instead.
Generating autoload files
Hardening vendor directory with .htaccess and web.config files.
Cleaning vendor directory.
Scaffolding files for drupal/core:
- Copy [project-root]/.editorconfig from assets/scaffold/files/editorconfig
- Copy [project-root]/.gitattributes from assets/scaffold/files/gitattributes
- Copy [web-root]/.csslintrc from assets/scaffold/files/csslintrc
- Copy [web-root]/.eslintignore from assets/scaffold/files/eslintignore
- Copy [web-root]/.eslintrc.json from assets/scaffold/files/eslintrc.json
- Copy [web-root]/.ht.router.php from assets/scaffold/files/ht.router.php
- Copy [web-root]/.htaccess from assets/scaffold/files/htaccess
- Copy [web-root]/example.gitignore from assets/scaffold/files/example.gitignore
- Copy [web-root]/index.php from assets/scaffold/files/index.php
- Copy [web-root]/INSTALL.txt from assets/scaffold/files/drupal.INSTALL.txt
- Copy [web-root]/README.txt from assets/scaffold/files/drupal.README.txt
- Copy [web-root]/robots.txt from assets/scaffold/files/robots.txt
- Copy [web-root]/update.php from assets/scaffold/files/update.php
- Copy [web-root]/web.config from assets/scaffold/files/web.config
- Copy [web-root]/sites/README.txt from assets/scaffold/files/sites.README.txt
- Copy [web-root]/sites/development.services.yml from assets/scaffold/files/development.services.yml
- Copy [web-root]/sites/example.settings.local.php from assets/scaffold/files/example.settings.local.php
- Copy [web-root]/sites/example.sites.php from assets/scaffold/files/example.sites.php
- Copy [web-root]/sites/default/default.services.yml from assets/scaffold/files/default.services.yml
- Copy [web-root]/sites/default/default.settings.php from assets/scaffold/files/default.settings.php
- Copy [web-root]/modules/README.txt from assets/scaffold/files/modules.README.txt
- Copy [web-root]/profiles/README.txt from assets/scaffold/files/profiles.README.txt
- Copy [web-root]/themes/README.txt from assets/scaffold/files/themes.README.txt
cabox@mhctutorial09:~/workspace$
cabox@mhctutorial09:~/workspace$
cabox@mhctutorial09:~/workspace$
cabox@mhctutorial09:~/workspace$ drush updatedb
[success] No pending updates.
```

#4 drush updatedb

#5 drush cache:rebuild

```
cabox@mhctutorial09:~/workspace$  
cabox@mhctutorial09:~/workspace$  
cabox@mhctutorial09:~/workspace$  
cabox@mhctutorial09:~/workspace$ drush updatedb  
[success] No pending updates.
```

We have successfully updated this Drupal 8 site

The screenshot shows the Drupal 8 administration interface. At the top, there's a navigation bar with links like 'Back to site', 'Manage', 'Shortcuts', and a user profile 'mxchase'. Below this is a secondary navigation bar with icons and labels for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The main content area is titled 'Available updates' with a star icon. Below the title are three tabs: 'List', 'Update', and 'Settings'. The 'Update' tab is selected. The breadcrumb trail shows 'Home » Administration » Reports'. A paragraph explains that this page provides information about available updates for installed modules and themes, noting that each is part of a 'project' which may or may not have a name and might include multiple modules or themes. A blue button labeled '+ Install new module or theme' is present. Below this, it says 'Last checked: 17 minutes 40 seconds ago (Check manually)'. The section 'Drupal core' is highlighted, showing 'Drupal core 8.8.1' as the current version and '8.8.2 (2020-Feb-01)' as the recommended version. A list of included modules is provided at the bottom of the section.

Available updates ☆

List Update Settings

Home » Administration » Reports

Here you can find information about available updates for your installed modules and themes. Note that each module or theme is part of a "project", which may or may not have name, and might include multiple modules or themes within it.

+ Install new module or theme

Last checked: 17 minutes 40 seconds ago (Check manually)

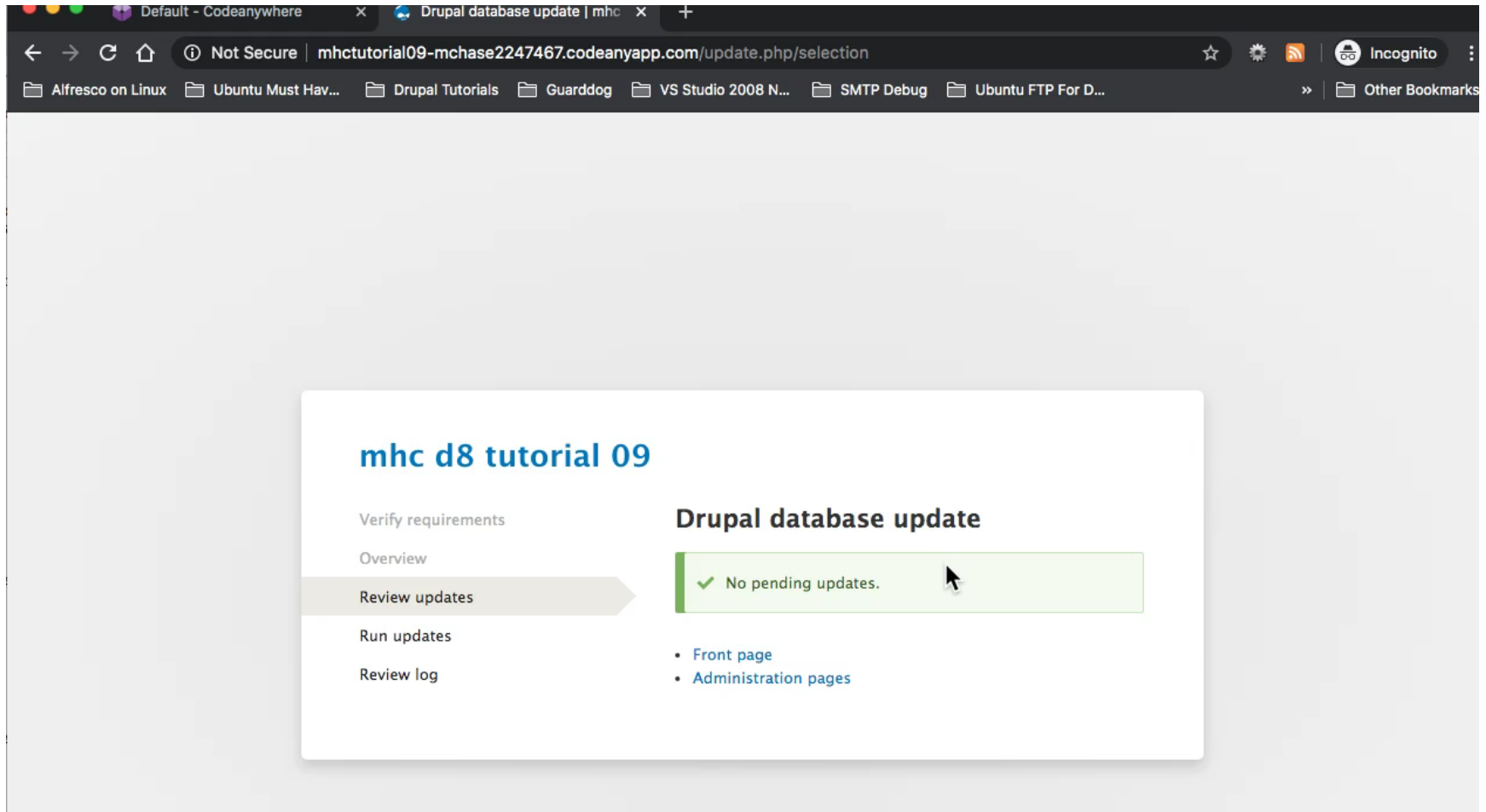
Drupal core

Drupal core 8.8.1 Update av

Recommended version: 8.8.2 (2020-Feb-01) Rele

Includes: Automated Cron, BigPipe, Block, Breakpoint, CKEditor, Color, Comment, Configuration Manager, Contact, Contextual Links, Custom Block, Custom Menu Links, Data Logging, Datetime, Field, Field UI, File, Filter, Help, History, Image, Internal Dynamic Page Cache, Internal Page Cache, Link, Menu UI, Node, Options, Path, Path alias, Quick Edit Search, Shortcut, System, Taxonomy, Text, Text Editor, Toolbar, Tour, Update Manager, User, Views, Views UI

And there are no pending database updates



Set ownership back to www-data

```
sudo chown www-data:www-data sites/default
```

```
sudo chown -R www-data:www-data modules
```

```
sudo chown -R www-data:www-data themes
```

Execute the chown commands

```
cabox@mhctutorial09:~/workspace$ sudo chown www-data:www-data sites/default
cabox@mhctutorial09:~/workspace$ sudo chown -R www-data:www-data modules
cabox@mhctutorial09:~/workspace$
cabox@mhctutorial09:~/workspace$ sudo chown -R www-data:www-data themes
cabox@mhctutorial09:~/workspace$ ll
total 260
drwxrwsr-x  8 cabox    www-data  4096 Feb  8 11:36 ./
drwxr-xr-x 13 cabox    cabox      4096 Feb  8 11:36 ../
-rw-r--r--  1 cabox    www-data    313 Feb  8 11:36 autoload.php
-rw-r--r--  1 cabox    www-data   2796 Feb  8 11:36 composer.json
-rw-r--r--  1 cabox    www-data 134184 Feb  8 11:36 composer.lock
drwxr-sr-x 12 cabox    www-data  4096 Feb  8 11:36 core/
-rw-r--r--  1 cabox    www-data   1025 Feb  8 11:36 .csslintrc
-rw-r--r--  1 cabox    www-data    357 Feb  8 11:36 .editorconfig
-rw-r--r--  1 cabox    www-data    151 Feb  8 11:36 .eslintignore
-rw-r--r--  1 cabox    www-data    41 Feb  8 11:36 .eslinttrc.json
-rw-r--r--  1 cabox    www-data   1507 Feb  8 11:36 example.gitignore
-rw-r--r--  1 cabox    www-data   3858 Feb  8 11:36 .gitattributes
-rw-r--r--  1 cabox    www-data   7878 Feb  8 11:36 .htaccess
-rw-r--r--  1 cabox    www-data   2314 Feb  8 11:36 .ht.router.php
-rw-r--r--  1 cabox    www-data    549 Feb  8 11:36 index.php
-rw-r--r--  1 cabox    www-data    95 Feb  8 11:36 INSTALL.txt
-rw-r--r--  1 cabox    www-data  18092 Feb  8 11:36 LICENSE.txt
drwxr-xr-x  2 www-data www-data  4096 Dec 18 16:02 modules/
drwxr-xr-x  2 cabox    cabox      4096 Dec 18 16:02 profiles/
-rw-r--r--  1 cabox    www-data   5889 Feb  8 11:36 README.txt
-rw-r--r--  1 cabox    www-data   1594 Feb  8 11:36 robots.txt
drwxr-xr-x  3 cabox    cabox      4096 Dec 18 16:02 sites/
drwxr-xr-x  2 www-data www-data  4096 Dec 18 16:02 themes/
-rw-r--r--  1 cabox    www-data    848 Feb  8 11:36 update.php
drwxr-sr-x 20 cabox    www-data  4096 Feb  8 11:36 vendor/
-rw-r--r--  1 cabox    www-data   4566 Feb  8 11:36 web.config
cabox@mhctutorial09:~/workspace$
```


The End.

Thanks for watching

