



DRUPALCAMP
SPAIN 2015
JEREZ DE LA FRONTERA



DESPLEGANDO DRUPAL CON CAPISTRANO



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#DrupalcampSpain2015



ESTAMOS **ESPECIALIZADOS EN NEGOCIO DIGITAL**
CREAMOS RELACIONES **A LARGO PLAZO**



SOMOS 60 PERSONAS

MÁS DE 18 AÑOS DE EXPERIENCIA



PODEMOS PRESUMIR DE TRABAJAR PARA Y CON...





Preparar la visita ▾ 0 Obras ENTRADAS Horarios y tarifas Hoy en el museo ES ▾

MUSEO NACIONAL CENTRO DE ARTE REINA SOFÍA

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Colección autor/título/palabra clave Todas las categorías Buscar VER TODAS LAS OBRAS ▾ AUTORES A-Z ▾

Inicio / Colección

Guernica

Pablo Picasso (Pablo Ruiz Picasso) Málaga, España, 1881 - Mougin, Francia, 1973



MUSEO REINA SOFÍA

www.museoreinasofia.es

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The screenshot shows the Self Bank website's homepage. At the top, there is a navigation bar with the Self Bank logo, links for 'QUÉ NECESITAS', 'PRODUCTOS', 'CONÓCENOS', 'AYUDA', and buttons for '¡HAZTE CLIENTE!' and 'ÁREA CLIENTES'. A search icon is also present. The main banner features a man sitting in a chair holding a pink Self Bank mug, with a call-to-action button '▶ Ver el spot' below it. To the right, a large graphic for the 'Cuenta Self Nómina' highlights '0 €' for commissions, transfers, and cards, and mentions 'La mayor red de cajeros gratis'. Below this, a button says '¡ME CAMBIO A SELF BANK!'. The bottom section has three colored boxes: grey, blue, and white. The grey box contains icons for heart, envelope, and phone, with the text 'SI UTILIZAS INTERNET PARA ESTAR AL DÍA SOBRE LO QUE MÁS TE GUSTA...'. The blue box contains the text 'eres un #selfiter'. The white box contains the text 'Y ESTE ES TU BANCO' and a link '¡POR QUÉ SELF BANK?'. The entire page is displayed on a tablet device.

SELFBANK.ES

www.selfbank.es

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INTERNETACADEMI.COM

www.internetacademi.com

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¿Cómo desplegais ahora mismo?

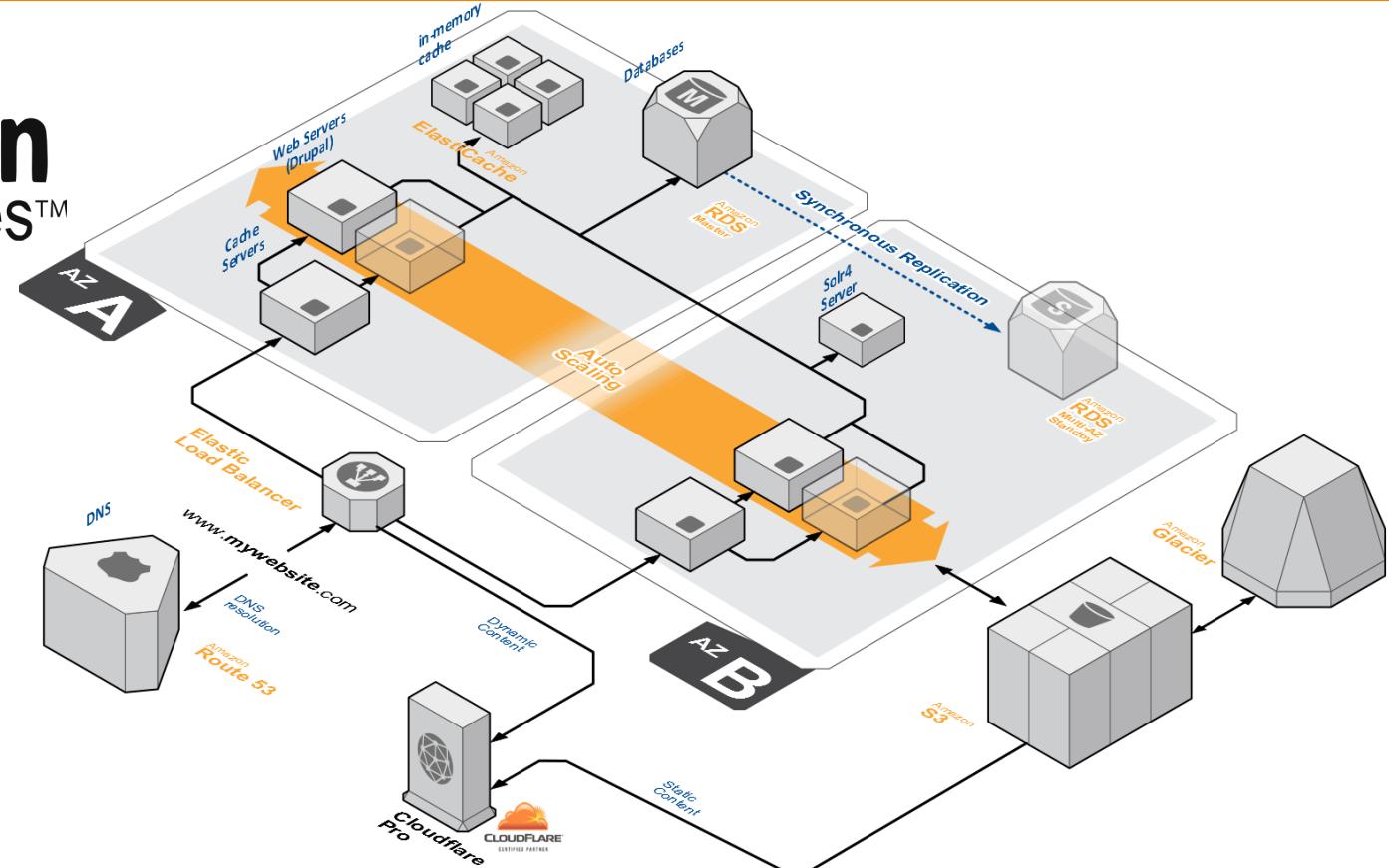
- FTP, SFTP, SCP
- SSH + GIT
- Scripts de shell
- Aegir
- Drush
- Chef, Ansible, ...

¿Problemas?

- Normalmente demasiados procesos manuales en un despliegue
 - backup db
 - Actualizamos el código
 - updatedb
 - clear caches
- ¡No te olvides nada!

¿Lo complicamos más?

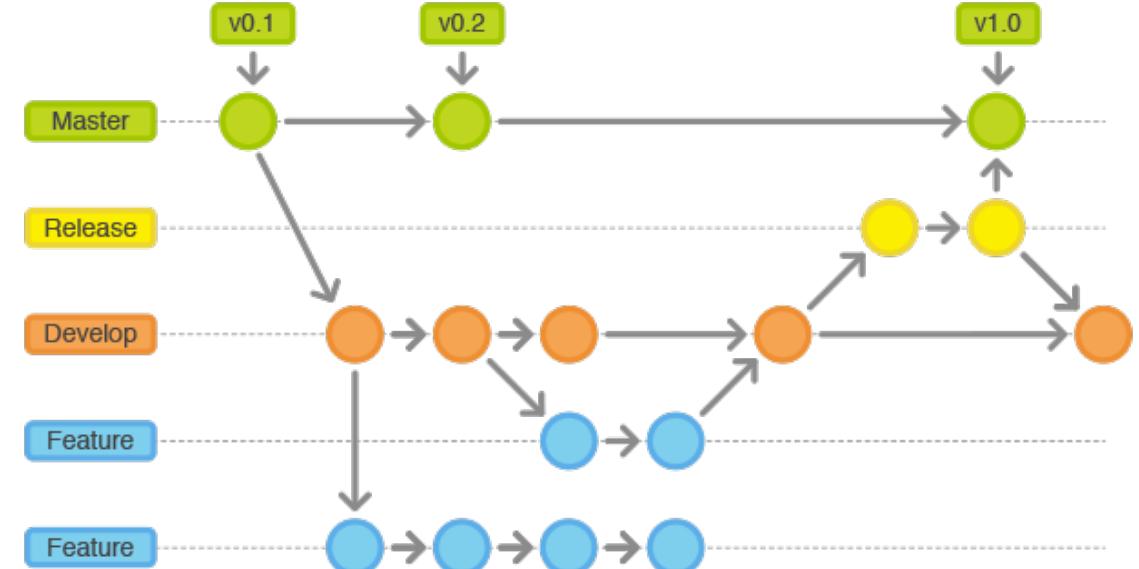
Nuestro último proyecto:



<N> FRONTALES CON AUTO-ESCALADO + SERVERS VARNISH
+ INSTANCIA DE CONTROL

biko[®]

Llamemos al equipo A



C + Capistrano
+ drush y features

biko²



Capistrano

<http://capistranorb.com>

- Capistrano es una herramienta de desarrollo para desplegar aplicaciones web.
- Normalmente se instala en el equipo de los desarrolladores.
- Despliega el código desde un control de versiones (GIT) a uno o más servidores.



Capistrano

<http://capistranorb.com>

- Ruby!
- Creada para desplegar aplicaciones RoR
- Ahora ya es Cross-platform, con recetas para multitud de frameworks
- Requiere una estructura de carpetas “especial” en los servidores

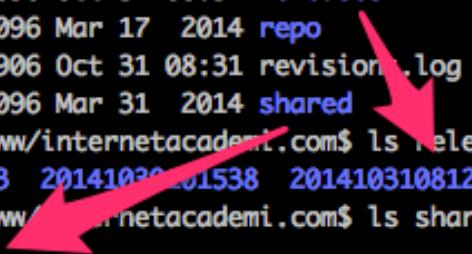


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Estructura del docroot

```
ubuntu@ip-10-106-149-9:/var/www/internetacademi.com$ ls -la
total 40
drwsr-sr-x 6 ubuntu ubuntu 4096 Nov  1 18:18 .
drwxr-xr-x 3 root  root  4096 Mar 25  2014 ..
drwxrwsr-x 3 ubuntu ubuntu 4096 Nov  1 07:50 backup
lrwxrwxrwx 1 ubuntu ubuntu   52 Oct 31 08:31 current -> /var/www/internetacademi.com/releases/20141031083012
drwxr-xr-x 7 ubuntu ubuntu 4096 Oct 31 08:31 releases
drwxrwsr-x 7 ubuntu ubuntu 4096 Mar 17 2014 repo
-rw-rw-r-- 1 ubuntu ubuntu 12906 Oct 31 08:31 revision.log
drwxr-xr-x 3 ubuntu ubuntu 4096 Mar 31 2014 shared
ubuntu@ip-10-106-149-9:/var/www/internetacademi.com$ ls releases/
20141029161613 20141029162003 20141030101538 20141031081220 20141031083012
ubuntu@ip-10-106-149-9:/var/www/internetacademi.com$ ls shared/sites/default/
files local.settings.inc
```



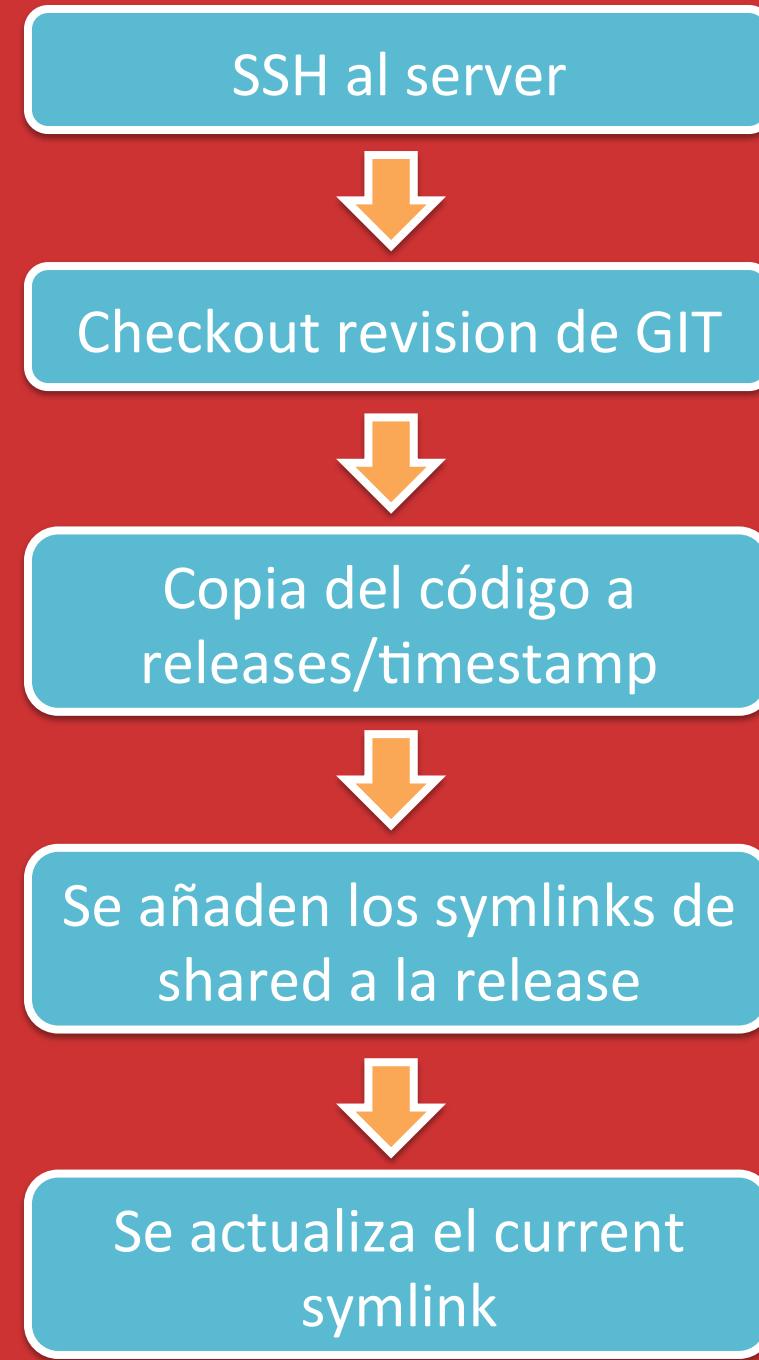
- docroot de apache apunta a current
- symlinks para ficheros compartidos entre releases (files y settings).

¿cómo funciona?

- En los servidores no hay que instalar nada
- Capistrano ejecuta comandos remotos en los servidores sobre ssh
- > cap deploy

```
mac-david:capistrano david$ cap pre deploy
INFO [00bc3c2f] Running /usr/bin/env mkdir -p /tmp// on 54.75.243.176
INFO [00bc3c2f] Finished in 2.278 seconds with exit status 0 (successful).
INFO Uploading /tmp//git-ssh.sh 100.0%
INFO [3d3d60d3] Running /usr/bin/env chmod +x /tmp//git-ssh.sh on 54.75.243.176
INFO [3d3d60d3] Finished in 0.230 seconds with exit status 0 (successful).
Please enter Escribe el nombre de la rama de la que quieras hacer deploy [develop]: (develop): hotfix-ie8
INFO [4f054328] Running /usr/bin/env mkdir -pv /var/www/pre.internetacademi.com/shared /var/www/pre.internetacademi.com/releases on 54.75.243.176
6
INFO [4f054328] Finished in 0.259 seconds with exit status 0 (successful).
INFO [7e105d96] Running /usr/bin/env mkdir -pv /var/www/pre.internetacademi.com/shared/sites/default/files on 54.75.243.176
INFO [7e105d96] Finished in 0.259 seconds with exit status 0 (successful).
INFO [329d1002] Running /usr/bin/env mkdir -pv /var/www/pre.internetacademi.com/shared/sites/default on 54.75.243.176
INFO [329d1002] Finished in 0.270 seconds with exit status 0 (successful).
INFO [ea6312fd] Running /usr/bin/env drush sql-dump --structure-tables='key=common' --gzip --result-file=/var/www/pre.internetacademi.com/backup/db/release-20141101-194557-5a6fa.sql.gz on 54.75.243.176
INFO The repository mirror is at /var/www/pre.internetacademi.com/repo
INFO [64086d1f] Running /usr/bin/env git remote update on 54.75.243.176
INFO [64086d1f] Finished in 12.359 seconds with exit status 0 (successful).
INFO [11f0cccf] Running /usr/bin/env mkdir -p /var/www/pre.internetacademi.com/releases/20141101184556 on 54.75.243.176
INFO [11f0cccf] Finished in 0.270 seconds with exit status 0 (successful).
INFO [42cc0d2f] Running /usr/bin/env git archive hotfix-ie8 | tar -x -C /var/www/pre.internetacademi.com/releases/20141101184556 on 54.75.243.176
6
INFO [42cc0d2f] Finished in 1.149 seconds with exit status 0 (successful)
```

Deploy flow



Deploy flow: hooks

- Extendemos el comportamiento por defecto de capistrano con hooks

Deploy flow

When you run `cap production deploy`, it invokes the following tasks in sequence:

```
deploy:starting    - start a deployment, make sure everything is re
deploy:started     - started hook (for custom tasks)
deploy:updating    - update server(s) with a new release
deploy:updated     - updated hook
deploy:publishing   - publish the new release
deploy:published    - published hook
deploy:finishing    - finish the deployment, clean up everything
deploy:finished     - finished hook
```

Notice there are several hook tasks e.g. `:started`, `:updated` for you to hook up custom tasks into the flow using `after()` and `before()`.

```
31  # Control del workflow de deploy
32  # http://capistranorb.com/documentation/getting-started/flow/
33  after 'deploy:check:linked_files', 'deploy:check:fix_permissions'
34  before 'deploy:updating', 'drush:backupdb'
35  after 'deploy:published', 'git:tag'
```

La cagaste Burt Lancaster

- cap deploy:rollback
- Deja el symlink “current” en la release anterior (es interactivo)
- Ojito la BD
- Para obtener listado completo de comandos:
 - cap -T

```
cap deploy                                # Deploy a new release
cap deploy:check                            # Check required files and directories exist
cap deploy:check:directories                # Check shared and release directories exist
cap deploy:check:linked_dirs               # Check directories to be linked exist in shared
cap deploy:check:linked_files              # Check files to be linked exist in shared
cap deploy:check:make_linked_dirs          # Check directories of files to be linked exist in shared
cap deploy:cleanup                          # Clean up old releases
cap deploy:cleanup_rollback                 # Remove and archive rolled-back release
cap deploy:finished                        # Finished
cap deploy:finishing                      # Finish the deployment, clean up server(s)
cap deploy:finishing_rollback              # Finish the rollback, clean up server(s)
cap deploy:log_revision                   # Log details of the deploy
cap deploy:published                     # Published
cap deploy:publishing                    # Publish the release
cap deploy:revert_release                 # Revert to previous release timestamp
cap deploy:reverted                      # Reverted
cap deploy:reverting                     # Revert server(s) to previous release
cap deploy:rollback                       # Rollback to previous release
```

Drupal deploy flow

Backup DB



Checkout revision de GIT



Se añaden los symlinks de
files y settings



drush updb
drush fra --force



Tag GIT



drush cc all

Una ejecución completa

```
mac-david:capistrano david$ cap pre deploy
INFO [00bc3c2f] Running /usr/bin/env mkdir -p /tmp// on 54.75.243.176
INFO [00bc3c2f] Finished in 2.278 seconds with exit status 0 (successful).
INFO Uploading /tmp//git-ssh.sh 100.0%
INFO [3d3d60d3] Running /usr/bin/env chmod +x /tmp//git-ssh.sh on 54.75.243.176
INFO [3d3d60d3] Finished in 0.230 seconds with exit status 0 (successful).
Please enter Escribe el nombre de la rama de la que quieras hacer deploy [develop]: (develop): hotfix-ie8
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INFO [4f054328] Finished in 0.259 seconds with exit status 0 (successful).
INFO [7e105d96] Running /usr/bin/env mkdir -pv /var/www/pre.internetacademi.com/shared/sites/default/files on 54.75.243.176
INFO [7e105d96] Finished in 0.259 seconds with exit status 0 (successful).
INFO [329d1002] Running /usr/bin/env mkdir -pv /var/www/pre.internetacademi.com/shared/sites/default on 54.75.243.176
INFO [329d1002] Finished in 0.270 seconds with exit status 0 (successful).
INFO [ea6312fd] Running /usr/bin/env drush sql-dump --structure-tables-key=common --gzip --result-file=/var/www/pre.internetacademi.com/backup/db/release-20141101-194557-5a6fa.sql.gz on 54.75.243.176
INFO The repository mirror is at /var/www/pre.internetacademi.com/repo
INFO [64086d1f] Running /usr/bin/env git remote update on 54.75.243.176
INFO [64086d1f] Finished in 12.359 seconds with exit status 0 (successful).
INFO [11f0cccf] Running /usr/bin/env mkdir -p /var/www/pre.internetacademi.com/releases/20141101184556 on 54.75.243.176
INFO [11f0cccf] Finished in 0.270 seconds with exit status 0 (successful).
INFO [42cc0d2f] Running /usr/bin/env git archive hotfix-ie8 | tar -x -C /var/www/pre.internetacademi.com/releases/20141101184556 on 54.75.243.176
INFO [42cc0d2f] Finished in 1.149 seconds with exit status 0 (successful).
INFO [7ce103aa] Running /usr/bin/env echo "89da1d0" >> REVISION on 54.75.243.176
INFO [7ce103aa] Finished in 0.260 seconds with exit status 0 (successful).
INFO [42015dae] Running /usr/bin/env mkdir -pv /var/www/pre.internetacademi.com/releases/20141101184556/sites/default on 54.75.243.176
INFO [42015dae] Finished in 0.249 seconds with exit status 0 (successful).
INFO [e00af6b7] Running /usr/bin/env ln -s /var/www/pre.internetacademi.com/shared/sites/default/local.settings.inc /var/www/pre.internetacademi.com/releases/20141101184556/sites/default/local.settings.inc on 54.75.243.176
INFO [e00af6b7] Finished in 0.259 seconds with exit status 0 (successful).
INFO [b41d252e] Running /usr/bin/env mkdir -pv /var/www/pre.internetacademi.com/releases/20141101184556/sites/default on 54.75.243.176
INFO [b41d252e] Finished in 0.269 seconds with exit status 0 (successful).
INFO [86e15a5e] Running /usr/bin/env ln -s /var/www/pre.internetacademi.com/shared/sites/default/files /var/www/pre.internetacademi.com/releases/20141101184556/sites/default/files on 54.75.243.176
INFO [86e15a5e] Finished in 0.259 seconds with exit status 0 (successful).
INFO [2c777e08] Running /usr/bin/env rm -rf /var/www/pre.internetacademi.com/current on 54.75.243.176
```



Una ejecución completa

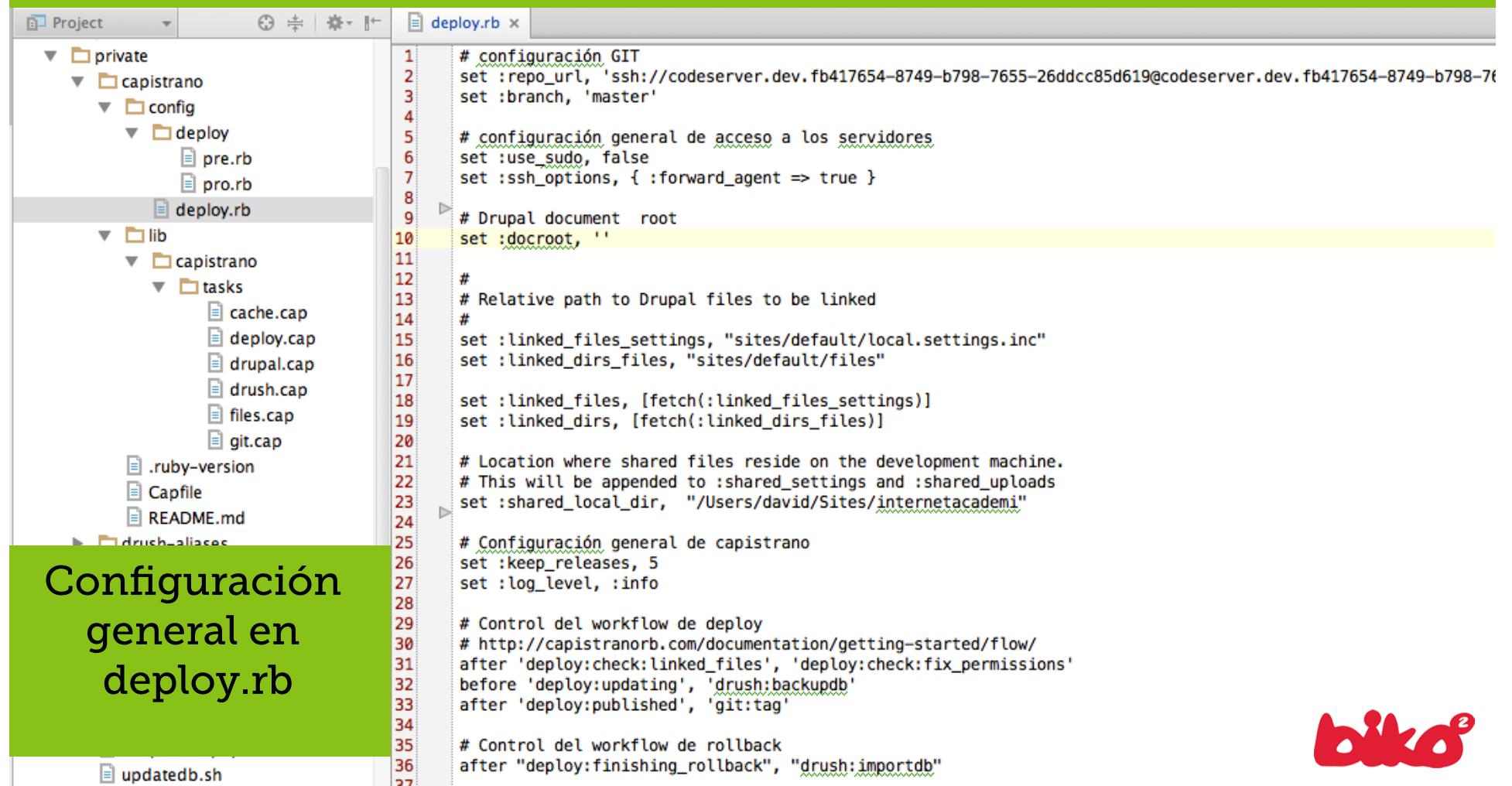
```
INFO [de1e7886] Running /usr/bin/env ln -s /var/www/pre.internetacademi.com/releases/20141101184556 /var/www/pre.internetacademi.com/current on 54.75.243.176
INFO [de1e7886] Finished in 0.239 seconds with exit status 0 (successful).
INFO [b6d4bc43] Running /usr/bin/env git tag pre-20141101-194616 89da1d0f023be2f1dcb132bba3eb24090ced724b -m "Deployed by David Gil <david.gil@biko2.com>" on
INFO [b6d4bc43] Finished in 0.015 seconds with exit status 0 (successful).
INFO [b9f688b4] Running /usr/bin/env git push origin tag pre-20141101-194616 on
INFO [b9f688b4] Finished in 7.095 seconds with exit status 0 (successful).
INFO Keeping 5 of 6 deployed releases on 54.75.243.176
INFO [227c077d] Running /usr/bin/env rm -rf /var/www/pre.internetacademi.com/releases/20141030165138 on 54.75.243.176
INFO [227c077d] Finished in 0.459 seconds with exit status 0 (successful).
INFO [03ce00db] Running /usr/bin/env echo "Branch hotfix-ie8 (at 89da1d0) deployed as release 20141101184556 by david" >> /var/www/pre.internetacademi.com/revisions.log on 54.75.243.176
INFO [03ce00db] Finished in 0.249 seconds with exit status 0 (successful).
mac-david:capistrano david$
```



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Talk is cheap show me the code!



```
1 # configuración GIT
2 set :repo_url, 'ssh://codeserver.dev.fb417654-8749-b798-7655-26ddcc85d619@codeserver.dev.fb417654-8749-b798-7655'
3 set :branch, 'master'
4
5 # configuración general de acceso a los servidores
6 set :use_sudo, false
7 set :ssh_options, { :forward_agent => true }
8
9 # Drupal document root
10 set :docroot, ''
11
12 #
13 # Relative path to Drupal files to be linked
14 #
15 set :linked_files_settings, "sites/default/local.settings.inc"
16 set :linked_dirs_files, "sites/default/files"
17
18 set :linked_files, [fetch(:linked_files_settings)]
19 set :linked_dirs, [fetch(:linked_dirs_files)]
20
21 # Location where shared files reside on the development machine.
22 # This will be appended to :shared_settings and :shared_uploads
23 set :shared_local_dir, "/Users/david/Sites/internetacademi"
24
25 # Configuración general de capistrano
26 set :keep_releases, 5
27 set :log_level, :info
28
29 # Control del workflow de deploy
30 # http://capistranorb.com/documentation/getting-started/flow/
31 after 'deploy:check:linked_files', 'deploy:check:fix_permissions'
32 before 'deploy:updating', 'drush:backupdb'
33 after 'deploy:published', 'git:tag'
34
35 # Control del workflow de rollback
36 after "deploy:finishing_rollback", "drush:importdb"
```

Configuración general en deploy.rb

Multi-stage

- Podemos definir diferentes entornos de despliegue
- Normalmente configuramos las IPs de los servers, rama de GIT, diferente docroot, ...
- > cap <entorno> deploy

```
# Simple Role Syntax
# =====
# Supports bulk-adding hosts to roles, the primary
# server in each group is considered to be the first
# unless explicitly have the primary property set.
# don't declare `role :all`, it's a meta role
##role :app, %w{bitnami 192.168.1.11}
##role :web, %w{bitnami 192.168.1.11}
##role :db,  %w{bitnami 192.168.1.11}

# Extended Server Syntax
# =====
# This can be used to drop a more detailed server
# definition into the server list. The second argument
# something that quacks like a hash can be used to set
# extended properties on the server.

# user ejecutó app para el servicio donde deben ejecutarse EXCLUSIVAMENTE tareas 1 vez
server '54.246.1.11', user: 'ubuntu', roles: %w{web app}
server '54.217.1.11', user: 'ubuntu', roles: %w{web}
server '176.34.191.217', user: 'ubuntu', roles: %w{web}
# absolute path where deploys.
set :deploy_to, '/var/www/internetacademi.com'
set :backup_dir, "#{fetch(:deploy_to)}/backup"
```

> cap pro deploy
> cap pre deploy

Server roles

- En entornos multiservidor algunos servidores son diferentes: db, master, slave, etc...

```
14 # definition into the server list. The second argument
15 # something that quacks like a hash can be used to set
16 # extended properties on the server.
17
18 # user el rol app para el servidor donde deben ejecutarse e
19 server '54.246.151.111', user: 'ubuntu', roles: %w{web app} ←
20 server '54.217.151.111', user: 'ubuntu', roles: %w{web}
21 server '176.34.151.211', user: 'ubuntu', roles: %w{web}
22 #server '54.217.151.111', user: 'ubuntu', roles: %w{web}
23
```

```
namespace :drush do
  desc "Set the site offline"
  task :site_offline do
    on roles(:app) do |host|
      within current_path do
        begin
          execute fetch(:drush_cmd), :vset, 'maintenance_mode', '1', '-y'
        rescue
        end
      end
    end
  end
end
```



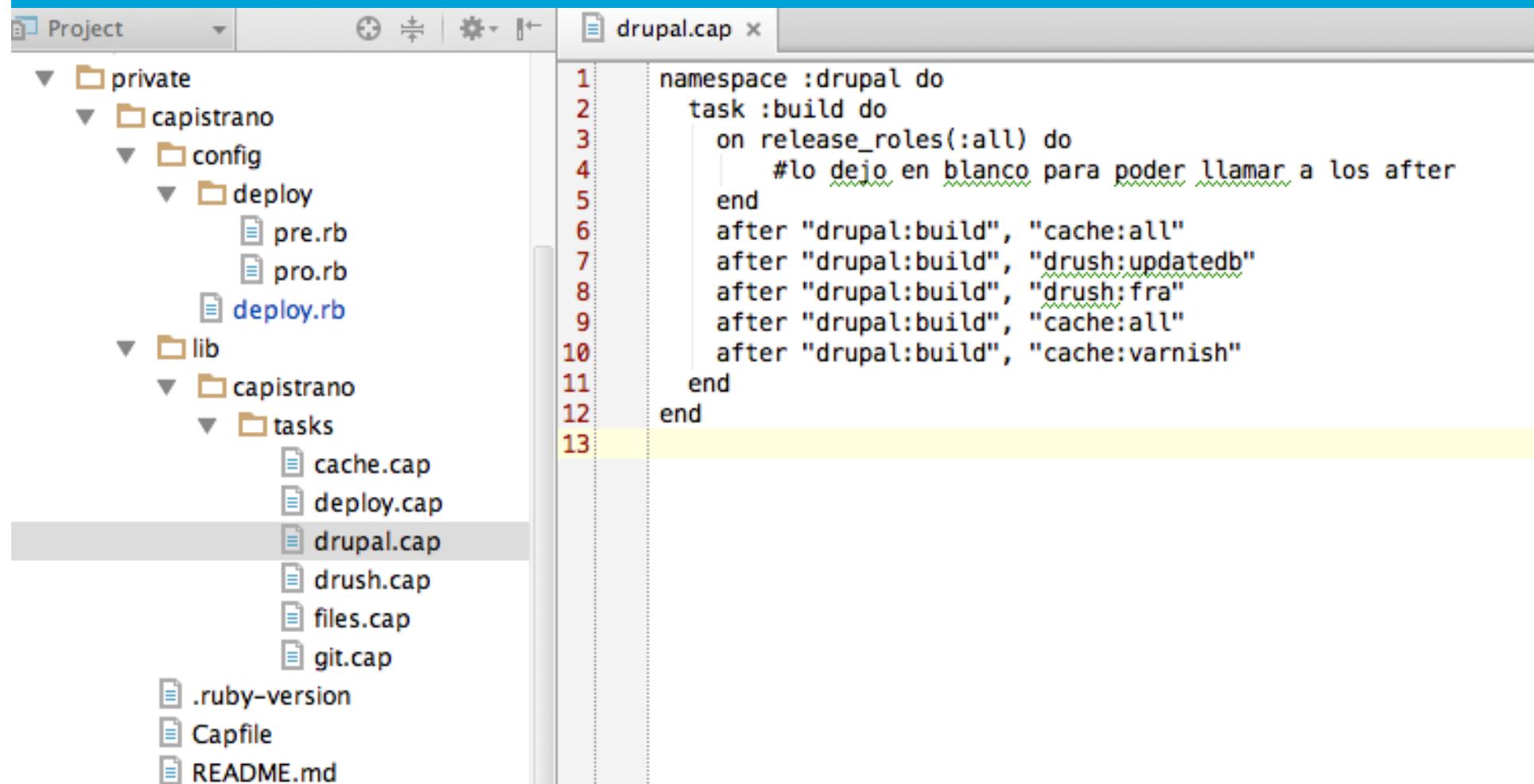
Server roles: ejecución deploy

```
mac-david:capistrano david$ cap pro deploy

=====
CUIDADO: Vas a desplegar en PRODUCCION
=====

Please enter answer (Estas seguro de que quieres continuar? [Si/No] ): Si
INFO[bc7b6f53] Running /usr/bin/env mkdir -p /tmp// on 176.34.191.███████████
INFO[7a26c7a8] Running /usr/bin/env mkdir -p /tmp// on 54.246.87.6.███████████
INFO[7b871994] Running /usr/bin/env mkdir -p /tmp// on 54.217.203.███████████
INFO[7b871994] Finished in 2.373 seconds with exit status 0 (successful).
INFO[bc7b6f53] Finished in 2.450 seconds with exit status 0 (successful).
INFO[7a26c7a8] Finished in 2.515 seconds with exit status 0 (successful).
INFOUploading /tmp//git-ssh.sh 100.0%
INFOUploading /tmp//git-ssh.sh 100.0%
INFOUploading /tmp//git-ssh.sh 100.0%
INFO[f17948e3] Running /usr/bin/env chmod +x /tmp//git-ssh.sh on 54.217.203.███████████
INFO[8125b068] Running /usr/bin/env chmod +x /tmp//git-ssh.sh on 54.246.87.6.███████████
INFO[e760934a] Running /usr/bin/env chmod +x /tmp//git-ssh.sh on 176.34.191.███████████
INFO[f17948e3] Finished in 0.395 seconds with exit status 0 (successful).
INFO[8125b068] Finished in 0.391 seconds with exit status 0 (successful).
INFO[e760934a] Finished in 0.391 seconds with exit status 0 (successful).
INFO[876f5267] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared /var/www/internetacademi.com/releases on 176.34.191.███████████
INFO[be7d9c8f] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared /var/www/internetacademi.com/releases on 54.217.203.███████████
INFO[aabf16c5] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared /var/www/internetacademi.com/releases on 54.246.87.6.███████████
INFO[be7d9c8f] Finished in 0.231 seconds with exit status 0 (successful).
INFO[aabf16c5] Finished in 0.233 seconds with exit status 0 (successful).
INFO[876f5267] Finished in 0.235 seconds with exit status 0 (successful).
INFO[6210a3af] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared/sites/default/files on 176.34.191.███████████
INFO[d03c73eb] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared/sites/default/files on 54.217.203.███████████
INFO[b664c0d7] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared/sites/default/files on 54.246.87.6.███████████
INFO[6210a3af] Finished in 0.206 seconds with exit status 0 (successful).
INFO[d03c73eb] Finished in 0.233 seconds with exit status 0 (successful).
INFO[b664c0d7] Finished in 0.235 seconds with exit status 0 (successful).
INFO[a9ea136f] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared/sites/default on 176.34.191.███████████
INFO[aea2e4a2] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared/sites/default on 54.217.203.███████████
INFO[3b58df89] Running /usr/bin/env mkdir -pv /var/www/internetacademi.com/shared/sites/default on 54.246.87.6.███████████
INFO[aea2e4a2] Finished in 0.255 seconds with exit status 0 (successful).
INFO[3b58df89] Finished in 0.257 seconds with exit status 0 (successful).
INFO[a9ea136f] Finished in 0.259 seconds with exit status 0 (successful).
INFO[889d4797] Running /usr/bin/env drush sql-dump --structure-tables-key=common --gzip --result-file=/var/www/internetacademi.com/backup/db/release-201505
INFO[889d4797] Finished in 6.410 seconds with exit status 0 (successful).
INFOThe repository mirror is at /var/www/internetacademi.com/repo
INFOThe repository mirror is at /var/www/internetacademi.com/repo
INFOThe repository mirror is at /var/www/internetacademi.com/repo
```

Tasks para Drupal: build



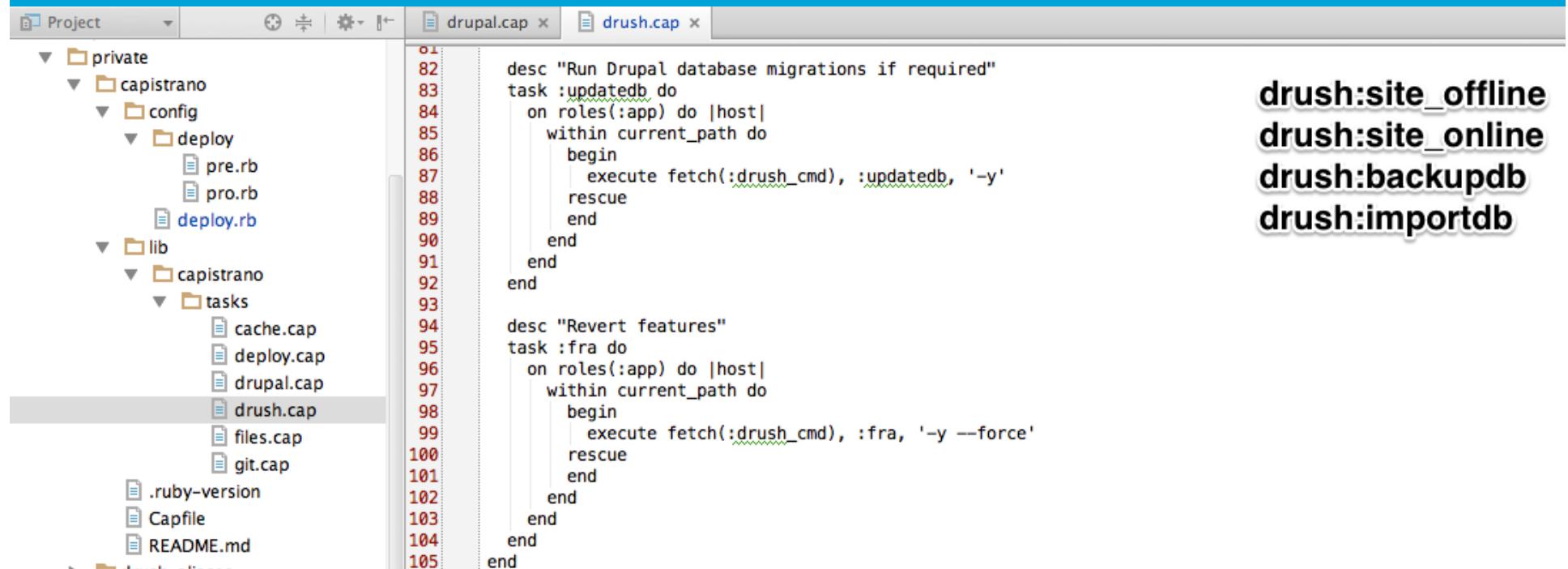
The screenshot shows a code editor interface with a sidebar and a main editor area. The sidebar on the left displays the project structure:

- private
- capistrano
- config
- deploy
- pre.rb
- pro.rb
- deploy.rb
- lib
- capistrano
- tasks
- cache.cap
- deploy.cap
- drupal.cap
- drush.cap
- files.cap
- git.cap
- .ruby-version
- Capfile
- README.md

The main editor area is titled "drupal.cap" and contains the following Ruby code:

```
1 namespace :drupal do
2   task :build do
3     on release_roles(:all) do
4       #lo dejo en blanco para poder llamar a los after
5     end
6     after "drupal:build", "cache:all"
7     after "drupal:build", "drush:updatedb"
8     after "drupal:build", "drush:fra"
9     after "drupal:build", "cache:all"
10    after "drupal:build", "cache:varnish"
11  end
12 end
13
```

Tasks para Drupal: drush



The screenshot shows a code editor interface with two tabs: "drupal.cap" and "drush.cap". The "drush.cap" tab is active, displaying a portion of a Capistrano configuration file. The file includes tasks for running database migrations and reverting features using Drush.

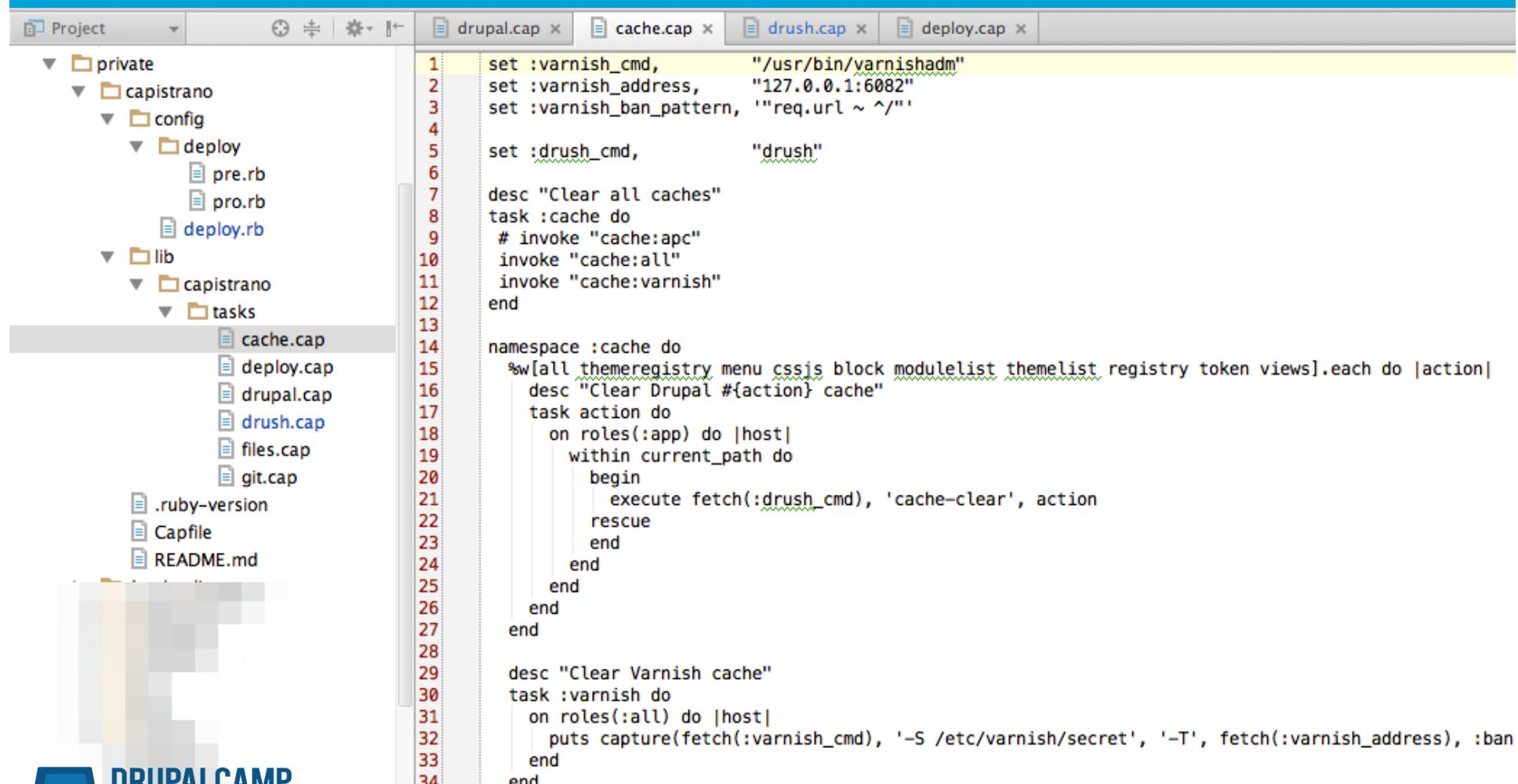
```
01 desc "Run Drupal database migrations if required"
02 task :updatedb do
03   on roles(:app) do |host|
04     within current_path do
05       begin
06         execute fetch(:drush_cmd), :updatedb, '-y'
07       rescue
08         end
09       end
10     end
11   end
12
13 desc "Revert features"
14 task :fra do
15   on roles(:app) do |host|
16     within current_path do
17       begin
18         execute fetch(:drush_cmd), :fra, '-y --force'
19       rescue
20         end
21       end
22     end
23   end
24
25 end
```

On the left side of the editor, there is a file tree showing the project structure:

- private
 - capistrano
 - config
 - deploy
 - pre.rb
 - pro.rb
 - deploy.rb
 - lib
 - capistrano
 - tasks
 - cache.cap
 - deploy.cap
 - drupal.cap
 - drush.cap
 - files.cap
 - git.cap
 - .ruby-version
 - Capfile
 - README.md

drush:site_offline
drush:site_online
drush:backupdb
drush:importdb

Tasks para Drupal: cache



```
1 set :varnish_cmd,          "/usr/bin/varnishadm"
2 set :varnish_address,      "127.0.0.1:6082"
3 set :varnish_ban_pattern,  '"req.url ~ ^/"'
4
5 set :drush_cmd,           "drush"
6
7 desc "Clear all caches"
8 task :cache do
9   # invoke "cache:apc"
10  invoke "cache:all"
11  invoke "cache:varnish"
12 end
13
14 namespace :cache do
15   %w[all themeregistry menu cssjs block modulelist themelist registry token views].each do |action|
16     desc "Clear Drupal #{action} cache"
17     task action do
18       on roles(:app) do |host|
19         within current_path do
20           begin
21             execute fetch(:drush_cmd), 'cache-clear', action
22             rescue
23             end
24           end
25         end
26       end
27     end
28   end
29
30 desc "Clear Varnish cache"
31 task :varnish do
32   on roles(:all) do |host|
33     puts capture(fetch(:varnish_cmd), '-S /etc/varnish/secret', '-T', fetch(:varnish_address), :ban
34   end

```

Tasks para Drupal: rsync

```
drupal.cap x cache.cap x files.cap x drush.cap x deploy.cap x
1 set :rsync_options, "--recursive --times --rsh=ssh --compress --human-readable --progress"
2
3 namespace :sync do
4   desc "Pull shared directories (from remote to local)"
5   task :pull_files do
6     roles(:app).each do |host|
7       user = host.user + "@" if !host.user.nil?
8       run_locally do
9         fetch(:linked_dirs).each do |dir|
10           remote_dir = shared_path.join(dir)
11           exec "rsync #{fetch(:rsync_options)} #{user}#{host.hostname}:#{remote_dir} #{fetch(:shared_local_dir)}/#{dir}"
12         end
13       end
14     end
15   end
16
17   desc "Pull the database (from remote to local)"
18   task :pull_db do
19     on roles(:app) do |host|
20       revision = nil
21       within repo_path do
22         revision = capture(:git, 'rev-parse', :HEAD)[0,5]
23       end
24       within current_path do
25         timestamp = Time.now.strftime('%Y%m%d-%H%M%S')
26         file = "#{fetch(:backup_dir)}/release-#{timestamp}-#{revision}.sql"
27         begin
28           execute fetch(:drush_cmd), 'sql-dump', fetch(:drush_sql_dump_options), "--result-file=#{file}"
29         rescue
30       end
31       user = host.user
32       run_locally do
33         exec "scp #{user}@[#{host.hostname}]:#{file}.gz #{fetch(:shared_local_dir)}/release-#{timestamp}-#{revision}.sql.gz"
34         gzip -d #{fetch(:shared_local_dir)}/release-#{timestamp}-#{revision}.sql.gz;
35         drush sql-cli <#{fetch(:shared_local_dir)}/release-#{timestamp}-#{revision}.sql;
36         rm #{fetch(:shared_local_dir)}/release-#{timestamp}-#{revision}.sql;
37         drush dis securepages cdn memcache varnish -y;
38         drush en devel -y;
39         drush en views_ui -y;
40         drush cc all;"
```

The code block shows a Rakefile for a Drupal application using Capistrano tasks. It defines two main tasks: `:sync` and `:pull_db`. The `:sync` task includes a `:pull_files` sub-task that uses `rsync` to pull shared directories from remote hosts to the local shared directory. The `:pull_db` task performs a database dump using Drush's `sql-dump` command, compresses the resulting SQL file, and then performs various site configuration updates like enabling modules and clearing caches.

Referencias

- <http://capistranorb.com>
- Mis recetas:
 - <https://github.com/davidgil/capistrano-drupal>
 - Basadas en:
 - <https://github.com/mordonez/capistranorb-drupal>
 - <https://github.com/generoi/capistrano-tasks>
 - Lo mismo con Ansible
 - <http://blog.versioneye.com/2014/09/24/rebuilding-capistrano-like-deployment-with-ansible/>
 - GIT branching model
 - <http://nvie.com/posts/a-successful-git-branching-model/>



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¡Muchas gracias!

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