

# JOOMLA EN OPENS SHIFT

1. Para añadir un nuevo namespace, le damos a la pestaña setting y en el apartado namespace indicamos el nombre que le queremos poner, para guardarlo pulsamos **SAVE**

**Namespace**  
Your namespace is unique to your account and is the suffix of the public URLs we assign to your applications. See [the User Guide](#) for information about adding your own domain names to an application.  

http://applicationname-

davidlema

.rhcloud.com

  
Your domain name must be letters or numbers with no spaces or symbols.  

Save

**Domains**  
See the [User Guide](#) for information about adding your own domain names to an application.

davidlema	1 application	No other members
-----------	---------------	------------------

**Authorizations**

2. Creamos una clave publica, para crearla debemos abrir una máquina debian y mediante la consola de comando escribimos el comando ssh-keygen. Nos pedirá que si deseamos cambiar el directorio y las contraseña, la dejamos por defecto en el sistema.

```
usuario@davidlemadebian217: ~  
Archivo  Editar  Ver  Buscar  Terminal  Ayuda  
root@davidlemadebian217:/home/usuario# ssh-keygen  
Generating public/private rsa key pair.  
Enter file in which to save the key (/root/.ssh/id_rsa):  
/root/.ssh/id_rsa already exists.  
Overwrite (y/n)? y  
Enter passphrase (empty for no passphrase):  
Enter same passphrase again:  
Your identification has been saved in /root/.ssh/id_rsa.  
Your public key has been saved in /root/.ssh/id_rsa.pub.  
The key fingerprint is:  
19:21:08:72:c0:f6:86:bd:9d:c3:a8:10:5e:58:7a:bd root@davidlemadebian217  
The key's randomart image is:  
+---[RSA 2048]---+  
|.O. . . .  
|= .. . .  
|. B . . .  
|. + * . . o  
|..+ = o S  
|.. o E  
|. . . .  
|. . . .  
+-----+  
root@davidlemadebian217:/home/usuario#
```

Una vez que nos genera la clave pública, nos vamos a la carpeta .ssh/ y con un cat vemos la clave id\_rsa.pub que es la que debemos de copiar.

```
root@davidlemadebian217:/home/usuario/.ssh# cat id_rsa.pub  
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQ+C8yjC4vC/j7x+MPK38zqxJi6PbEsGd4Rb5J/y0RP90JmdeXpVPSGEfwxiIFa20t/fIgSPu+/pJLy7CLdhDFMoNrcTNg4i/yoh  
9vc5+xWQ57HCUvqXR9RxXBZsefYNj7TTIvHALJ1K17aVgTc2wzr0jV+Dx0uCPhwaggPvtftCQASoMVakUeMJqfFPLUK7mGmfxmDU1/KQ0G/UzhCYKqCev1UQeXzk5QMntva4dnjKZQ  
5ChFvoDYX2/wPW08Pg1HjqGFgeyo52ZRIINwteRRN3HXmh2GHLGLwRqk3nsMtvfqnyepEGmJco0WGaL/cpYNXBGCTb0jNERZYTnCiSdt usuario@davidlemadebian217  
root@davidlemadebian217:/home/usuario/.ssh#
```

Upgrade Plan

lema\_sound@hotmail.es

Applications

Settings

Help

OpenShift Hub

## Settings

You need to set a public key before you can work with application code

### Public Keys

OpenShift uses a public key to securely encrypt the connection between your local machine and your application and to authorize you to upload code. You must create a private and public key on your local machine and then upload the public key before you can connect to your applications' Git repositories or remotely access your applications.

[Learn more about SSH keys.](#)

Paste the contents of your public key file (.pub)

KgCev1UQeXzk5QMntva4dnjKZQ5ChFvoDYX2/wP

W08PgIHjGfgeyo52ZRINWteRRN3HXmh2GHIg

wRqk3nsMtvfqnyepEGmJco0WGaL/cpYNXBGCTb

OJNERZYTrnCISdt usuario@davidlemaebian217

Save

### Domains

See the [User Guide](#) for information about adding your own domain names to an application.

davidlema	0 applications	No other members
-----------	----------------	------------------

Your public key has been created

### Public Keys

OpenShift uses a public key to securely encrypt the connection between your local machine and your application and to authorize you to upload code. [Learn more about SSH keys.](#)

Key name	Type	Contents	
default	ssh-rsa	AAAB3Nza..TrnCISdt	Delete

Add a new key...

A continuación creamos una nueva aplicación, queremos instalar Joomla, que esta basada en PHP 5.4, y también tenemos que añadir MYSQL 5.5

Actividades

Google Chrome

jue 09:35

Cargando la meteorología actual...

es

Google

Sign in to OpenShift

Outlook.com - lema...

Create a New Applic...

https://openshift.redhat.com/app/console/application\_type/cart!php-5.4

Aplicaciones Moodle Outlook El tiempo Facebook ¡Cuánta razón! YouTube Cloud Red Cloud Curso Becas MEC CDmon GitHub

Upgrade Plan

lema\_sound@hotmail.es

Applications

Settings

Help

OpenShift Hub

1

Choose a type of application

2

Configure the application

3

Next steps

Based On

PHP 5.4 Cartridge

PHP is a general-purpose server-side scripting language originally designed for Web development to produce dynamic Web pages. Popular development frameworks include CakePHP, Zend, Symfony, and Code Igniter.

<http://www.php.net>

OpenShift maintained

Receives automatic security updates

Public URL

http://

joomladavid

-davidlema.rhcloud.com

OpenShift will automatically register this domain name for your application. You can add your own domain name later.

Source Code

Optional URL to a Git repository

Branch/tag

We'll create a Git code repository in the cloud, and populate it with a set of reasonable defaults. If you provide a Git URL, your application will start with an exact copy of the code and configuration provided in this Git repository.

Actividades Google Chrome jue 09:37 Cargando la meteorología actual...

Google Sign in to OpenShift Outlook.com - lema... joomladavid | OpenS...

https://openshift.redhat.com/app/console/application/56a098692d52715bd20001a4-joomladavid

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# OPENSHIFT ONLINE

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Applications Settings Help OpenShift Hub

joomladavid-davidlema.rhcloud.com change Started 1

Created 1 minute ago in domain davidlema and the aws-us-east-1 region

### Cartridges

	Status	Gears	Storage
PHP 5.4	Started	1 small	1 GB

### Databases

- Add MongoDB 2.4
- Add MySQL 5.5
- Add PostgreSQL 9.2

### Continuous Integration

- Enable Jenkins

### Source Code

ssh://56a098692d52715bd20001a4@joomladavid-davidlema.rhcloud.com

Pass this URL to 'git clone' to copy the repository locally.

### Remote Access

Want to log in to your application?

Delete this application...

Browse the Marketplace, or see the list of cartridges you can add

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Ahora vamos añadir MYSQL 5.5, que se encuentra en la misma ventana, en las opciones de abajo, seleccionamos e instalamos.

Actividades Google Chrome jue 09:37 Cargando la meteorología actual...

Google Sign in to OpenShift Outlook.com - lema... Add a Cartridge | Op...

https://openshift.redhat.com/app/console/application/56a098692d52715bd20001a4-joomladavid/cartridge\_type/mysql-5.5?direct=true


Aplicaciones Moodle Outlook El tiempo Facebook ¡Cuánta razón! YouTube Cloud Red Cloud Curso Becas MEC CDmon GitHub

# OPENSHIFT ONLINE

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Applications Settings Help OpenShift Hub

## Add Cartridge to joomladavid



### MySQL 5.5

MySQL is a multi-user, multi-threaded SQL database server.

Website: <http://www.mysql.com>

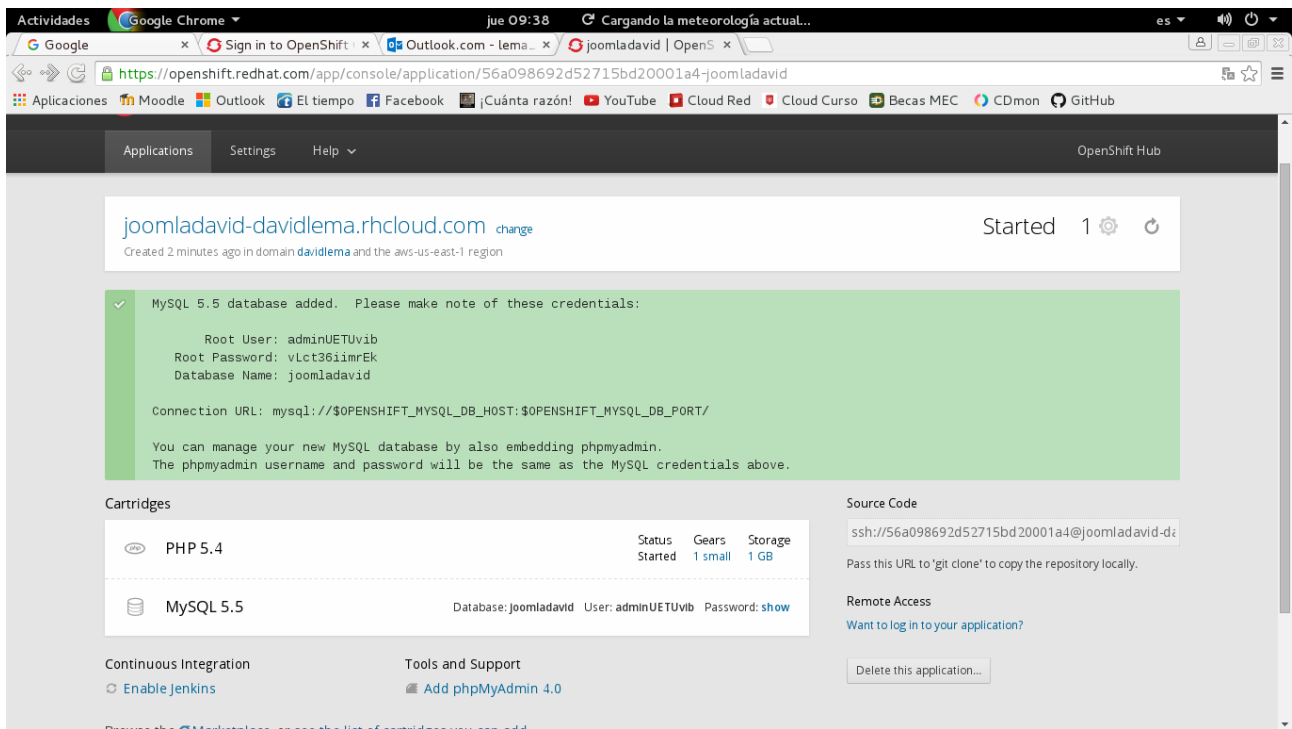
- OpenShift maintained
- Receives automatic security updates

Using Gear Size small

Do you want to add the MySQL 5.5 cartridge to your application?

Back Add Cartridge +0

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Para clonar nuestro repositorio remoto a nuestro equipo local , debemos copiar la url de github donde se encuentra nuestra aplicación.

#### Remote Access

##### Want to log in to your application?

The command below will open a Secure Shell (SSH) session to your application on most operating systems. See our [SSH help page](#) for information about connecting with Windows, Mac, and Linux computers.

```
ssh 56a098692d52715bd20001a4@joomladavid-davidlema.rhcloud.com
```

Y con el comando git clone mas la url lo ponemos en el terminal para clonarlo, una vez finalizado, nos creara nuestro entorno, llamado joomladavid.

```
usuario@davidlemadebian217: ~
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
root@davidlemadebian217:/home/usuario# git clone ssh://56a098692d52715
bd20001a4@joomladavid-davidlema.rhcloud.com/~/.git/joomladavid.git/
Cloning into 'joomladavid'...
remote: Counting objects: 19, done.
remote: Compressing objects: 100% (15/15), done.
remote: Total 19 (delta 0), reused 19 (delta 0)
Receiving objects: 100% (19/19), 18.25 KiB | 0 bytes/s, done.
Checking connectivity... done.
root@davidlemadebian217:/home/usuario#
```

Una vez creado nuestro entorno, nos vamos hacia el, y dentro creamos una carpeta llamada joomla, donde nos bajaremos previamente y descomprimos en dicha carpeta.

```
usuario@davidlemadebian217: ~
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
usuario@davidlemadebian217:~$ cd joomladavid/
usuario@davidlemadebian217:~/joomladavid$ mkdir joomla
usuario@davidlemadebian217:~/joomladavid$ cd ..
usuario@davidlemadebian217:~$ unzip Joomla_3.4.8-Stable-Full_Package.zip -d /home/usuario/joom
ladavid/joomla/
```

Ahora vamos a subirlo a github, primero vamos a ver el estado, para ellos escribimos el siguiente comando.

```
usuario@davidlemadebian217: ~/joomladavid
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
usuario@davidlemadebian217:~$ cd joomladavid/
usuario@davidlemadebian217:~/joomladavid$ ls
index.php  joomla
usuario@davidlemadebian217:~/joomladavid$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)

        joomla/

nothing added to commit but untracked files present (use "git add" to track)
usuario@davidlemadebian217:~/joomladavid$
```

Añadimos los cambios con el comando git add .

```
usuario@davidlemadebian217:~/joomladavid$ git add .
```

Guardamos esos cambios realizados con el comando git commit -m "Comentario que queramos"

```
usuario@davidlemadebian217: ~/joomladavid
Archivo  Editar  Ver  Buscar  Terminal  Ayuda
create mode 100644 joomla/templates/protostar/template_thumbnail.png
create mode 100644 joomla/templates/system/component.php
create mode 100644 joomla/templates/system/css/editor.css
create mode 100644 joomla/templates/system/css/error.css
create mode 100644 joomla/templates/system/css/error_rtl.css
create mode 100644 joomla/templates/system/css/general.css
create mode 100644 joomla/templates/system/css/offline.css
create mode 100644 joomla/templates/system/css/offline_rtl.css
create mode 100644 joomla/templates/system/css/system.css
create mode 100644 joomla/templates/system/css/toolbar.css
create mode 100644 joomla/templates/system/error.php
create mode 100644 joomla/templates/system/html/modules.php
create mode 100644 joomla/templates/system/images/calendar.png
create mode 100644 joomla/templates/system/images/j_button2_blank.png
create mode 100644 joomla/templates/system/images/j_button2_image.png
create mode 100644 joomla/templates/system/images/j_button2_left.png
create mode 100644 joomla/templates/system/images/j_button2_pagebreak.png
create mode 100644 joomla/templates/system/images/j_button2_readmore.png
create mode 100644 joomla/templates/system/images/j_button2_right.png
create mode 100644 joomla/templates/system/images/selector-arrow.png
create mode 100644 joomla/templates/system/index.php
create mode 100644 joomla/templates/system/offline.php
create mode 100644 joomla/tmp/index.html
create mode 100644 joomla/web.config.txt
usuario@davidlemadebian217:~/joomladavid$ git commit -m "Tarea Joomla David "
```

Por ultimo, subimos los cambios a github con el comando git push

```
usuario@davidlemadebian217: ~/joomladavid
Archivo Editar Ver Buscar Terminal Ayuda
usuario@davidlemadebian217:~/joomladavid$ git push
warning: push.default is unset; its implicit value has changed in
Git 2.0 from 'matching' to 'simple'. To squelch this message
and maintain the traditional behavior, use:

  git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

  git config --global push.default simple

When push.default is set to 'matching', git will push local branches
to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'
behavior, which only pushes the current branch to the corresponding
remote branch that 'git pull' uses to update the current branch.

See 'git help config' and search for 'push.default' for further information.
(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode
'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 6240, done.
```

Ahora vamos a configurar las variables del entorno, para ello nos vamos al fichero de configuracion de Joomla ( configuration.php) y insertamos las variables.

```
usuario@davidlemadebian217:~/joomladavid/joomla/installation$ ls
application      COPYRIGHT      form          INSTALL      localise.xml  sql
configuration.php-dist  CREDITS      helper        language     model         template
controller       favicon.ico   index.php     LICENSES     response      view
usuario@davidlemadebian217:~/joomladavid/joomla/installation$ nano configuration.php-dist
```

```
usuario@davidlemadebian217: ~/joomladavid/joomla/installation
Archivo Editar Ver Buscar Terminal Ayuda
GNU nano 2.2.6          Fichero: configuration.php

/* Site Settings */
public $offline = '0';
public $offline_message = 'This site is down for maintenance.<br /> Please check back$
public $display_offline_message = '1';
public $offline_image = '';
public $sitename = 'Joomla!';           // Name of Joomla site
public $editor = 'tinymce';
public $captcha = '0';
public $list_limit = '20';
public $access = '1';

/* Database Settings */
public $dbtype = 'mysqli';              // Normally mysqli
public $host = 'getenv('OPENSIFT_MYSQL_DB_HOST') . ':' . getenv('OPENSIFT_MYSQL_DB_$
public $user = 'getenv('OPENSIFT_MYSQL_DB_USERNAME')';           // DB u$
public $password = 'getenv('OPENSIFT_MYSQL_DB_PASSWORD')';       // DB p$
public $db = 'getenv('OPENSIFT_APP_NAME')';           // DB database n$
public $dbprefix = 'jos_';              // Do not change unless you need to!

/* Server Settings */
public $secret = 'FBVtggIk5lAzEU9H';    // Change this to something more secure
[ 98 líneas escritas ]
^G Ver ayuda  ^O Guardar   ^R Leer Fich ^Y Pág Ant   ^K CortarTxt ^C Pos actual
^X Salir      ^J Justificar ^W Buscar    ^V Pág Sig   ^U PegarTxt  ^T Ortografia
```

Guardamos y subimos de nuevo a github para poder seguir con la instalación de nuestro Joomla.

```
usuario@davidlemadebian217:~/joomladavid$ git add .
usuario@davidlemadebian217:~/joomladavid$ git commit -m " Modificacion de configuration.php"
```

```
usuario@davidlemadebian217: ~/joomladavid
Archivo  Editar  Ver  Buscar  Terminal  Ayuda

usuario@davidlemadebian217:~/joomladavid$ git push
warning: push.default is unset; its implicit value has changed in
Git 2.0 from 'matching' to 'simple'. To squelch this message
and maintain the traditional behavior, use:

    git config --global push.default matching

To squelch this message and adopt the new behavior now, use:

    git config --global push.default simple

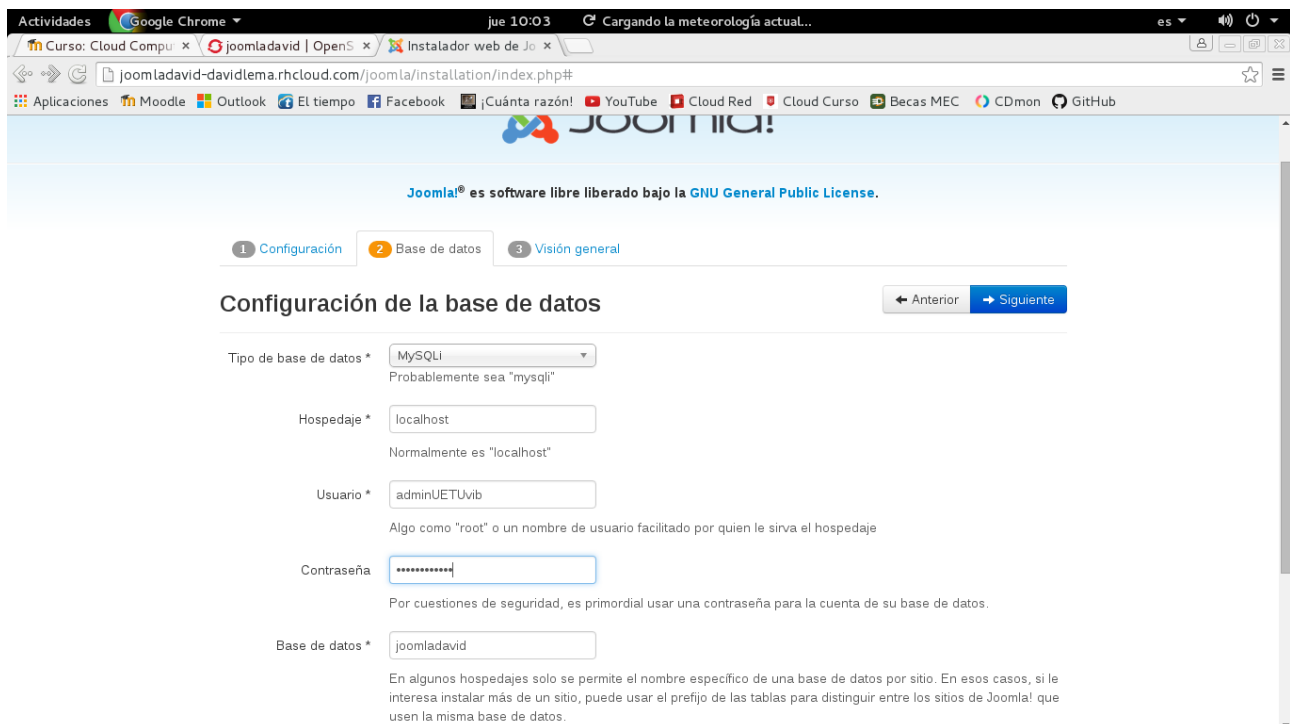
When push.default is set to 'matching', git will push local branches
to the remote branches that already exist with the same name.

Since Git 2.0, Git defaults to the more conservative 'simple'
behavior, which only pushes the current branch to the corresponding
remote branch that 'git pull' uses to update the current branch.

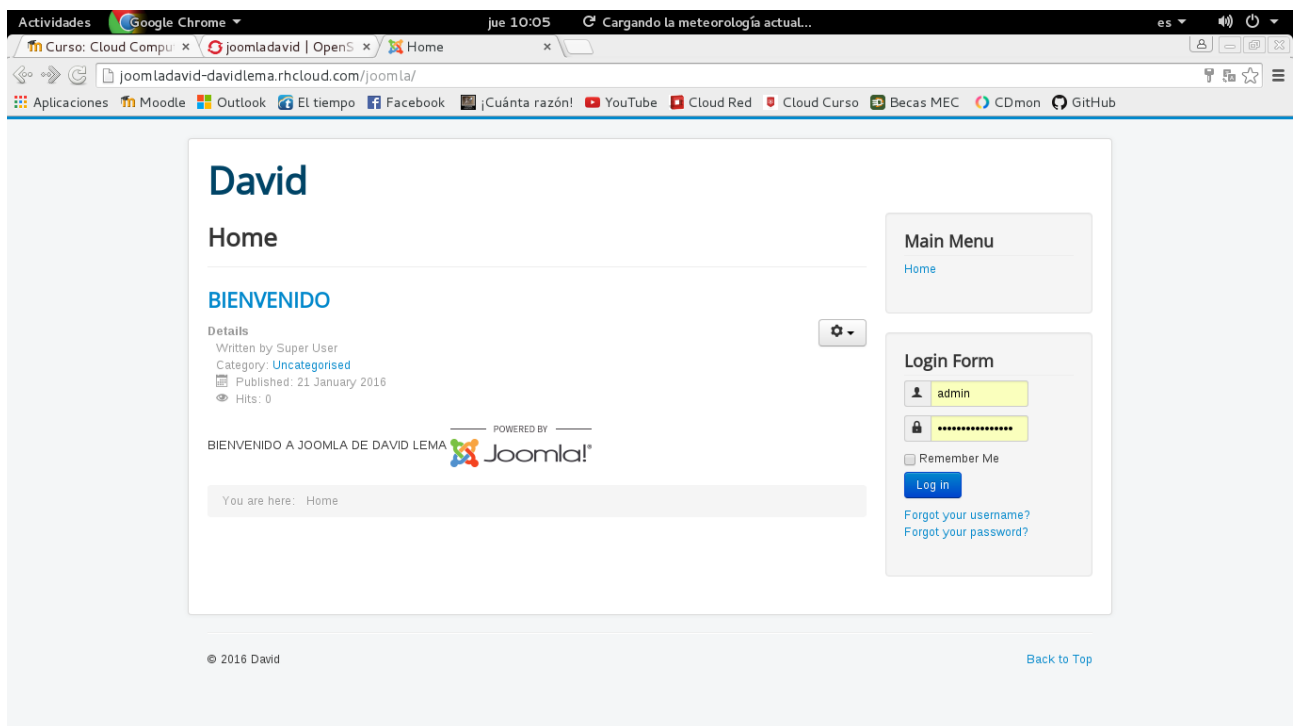
See 'git help config' and search for 'push.default' for further information.
(the 'simple' mode was introduced in Git 1.7.11. Use the similar mode
'current' instead of 'simple' if you sometimes use older versions of Git)

Counting objects: 5, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 1.79 KiB | 0 bytes/s, done.
```

Ya solo nos queda configura nuestro Joomla desde el navegador.







URL: <http://joomladavid-davidlema.rhcloud.com/joomla/>

Ahora vamos a subir la documentación a github. Primero vamos añadir un nuevo repositorio, le damos a añadir y ponemos el nombre del repositorio.

### Create a new repository

A repository contains all the files for your project, including the revision history.

Owner **davidl23** / Repository name **openshift** ✓

Great repository names are short and memorable. Need inspiration? How about **probable-fortnight**.

Una vez se crea, vamos a copiar la URL y descargarlo en local.

#### Quick setup — if you've done this kind of thing before

or **HTTPS** **SSH** `https://github.com/davidl23/openshift.git`

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

```
usuario@davidlemadebian217:~$ git clone https://github.com/davidl23/openshift.git
Cloning into 'openshift'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
usuario@davidlemadebian217:~$ cd openshift/
usuario@davidlemadebian217:~/openshift$ ls
README.md
usuario@davidlemadebian217:~/openshift$
```

```
usuario@davidlemadebian217:~/openshift$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    TAREA JOOMLA EN OPENSHTIT.odt

nothing added to commit but untracked files present (use "git add" to track)
usuario@davidlemadebian217:~/openshift$
```

```
usuario@davidlemadebian217:~/openshift$ git add .
usuario@davidlemadebian217:~/openshift$ git commit -m "Tarea Joomla en OpenShift"
[master f7ad6a6] Tarea Joomla en OpenShift
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 TAREA JOOMLA EN OPENSHTIT.odt
usuario@davidlemadebian217:~/openshift$
```

```
Username for 'https://github.com': davidl23
Password for 'https://davidl23@github.com':
Counting objects: 3, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 1.19 MiB | 146.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/davidl23/openshift.git
    fbb9d7d..f7ad6a6  master -> master
usuario@davidlema Debian 217:~/openshift$ git push
```

No description or website provided. — Edit

2 commits

1 branch

0 releases

1 contributor

Branch: master

New pull request

New file

Find file

HTTPS

https://github.com/davidl

Download ZIP

davidl23

Tarea Joomla en OpenShift

Latest commit f7ad6a6 2 minutes ago

README.md

Create README.md

8 minutes ago

TAREA JOOMLA EN OPE...

Tarea Joomla en OpenShift

2 minutes ago

README.md

# openshift

" Tarea Joomla en OpenShift David Lema "