



Ahora hay que copiar la clave publica generada dentro de nuestro directorio de OpenShift

```
javier@debian:~$ cd .ssh/  
javier@debian:~/.ssh$ ls  
id_rsa id_rsa.pub  
javier@debian:~/.ssh$ cat id_rsa.pub  
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDFJgi+awLN6g4Jt2RNgh7MrmQA89t rDaiZ7t1QdE6CXG1Nt46BJag7nw5cgA0o6Br2Q8jYwaH  
Z9JUN+/WUvcilP1G8aUb4L0HLEfad+Hc dhnCy1539Dq5iLeGmgn/ESfBpwqo3iVR4FV76tnvkRd6wXRa2P6fz3NS3BITJgwJA1Qj dJRv2tbwAQwF  
1Gpf6IRdWnFNLJ7SmtMYCo61p9EPbADQuJzU0uDxtuEtwLVR3n4F9LIMZexHWe70Dtq5eVRlPS3MWaxk0kwSIE8dS4oB2FqhsCij d1RIYVn94sBz  
Ekqn54wE6kpjFK7Msb1WsGCPWp7x400s6kUvzohdGNn javier@debian
```

OPENSIFT ONLINE Upgrade Plan javinuri94@gmail.com

Applications Settings Help OpenShift Hub

Settings

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)

SmtMYCo61p9EPbADQuJzU0uDxtuEtwLV R3n4F9LIMZexHWe70Dtq5eVRlPS3MWaxk0kwSIE8dS4oB2FqhsCij d1RIYVn94sBzEkqn54wE6kpjFK7Msb1WsGCPWp7x400s6kUvzohdGNn javier@debian

Save

3.- Crea una nueva aplicación: Joomla! basada en PHP 5.4. Añádele MYSQL 5.5. Todo esto se encuentra desde la pestaña de Applications donde se le puede añadir todo lo que se desee a la aplicacion

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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:// joomlajavi -javiernunez.rhcloud.com

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



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Applications Settings Help OpenShift Hub

Add Cartridge to `joomla`

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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Applications Settings Help OpenShift Hub

`joomla-javiernunez.rhcloud.com` [change](#) Started 1

Created 3 minutes ago in domain `javiernunez` and the `aws-us-east-1` region

MySQL 5.5 database added. Please make note of these credentials:

Root User: `adminaDXnggN`
Root Password: `ihfPHnQjxuY`
Database Name: `joomla`

Connection URL: `mysql://$OPENSHIFT_MYSQL_DB_HOST:$OPENSHIFT_MYSQL_DB_PORT/`

You can manage your new MySQL database by also embedding phpmyadmin.
The phpmyadmin username and password will be the same as the MySQL credentials above.

Cartridges		Source Code	
PHP 5.4	Status: Started Gears: 1 small Storage: 1 GB	<code>ssh://56a123872d52719be9000174@jooml:</code>	
MySQL 5.5	Database: <code>joomla</code> User: <code>adminaDXnggN</code> Password: show	Pass this URL to 'git clone' to copy the repository locally. Remote Access Want to log in to your application?	

4.- Clonamos el repositorio remoto a nuestro equipo local. Desde nuestra aplicación a la derecha podemos encontrar la clave para poder clonar a local nuestro repositorio de github

Source Code

```
ssh://56a123872d52719be9000174@jooml:
```

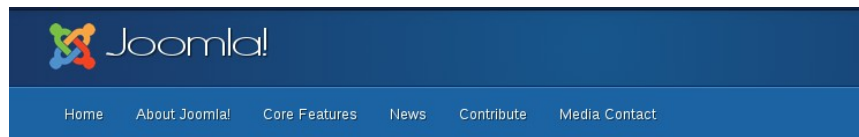
Pass this URL to 'git clone' to copy the repository locally.



Ahora desde nuestro terminal añadimos este enlace precedido del comando **git clone** para poder trabajar en local

```
javier@debian:~$ git clone ssh://56a123872d52719be9000174@joomlajavi-javiernunez.rhcloud.com/~git/joomlajavi.git/
Cloning into 'joomlajavi'...
The authenticity of host 'joomlajavi-javiernunez.rhcloud.com (54.174.147.248)' can't be established.
RSA key fingerprint is cf:ee:77:cb:0e:fc:02:d7:72:7e:ae:80:c0:90:88:a7.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'joomlajavi-javiernunez.rhcloud.com,54.174.147.248' (RSA) to the list of known hosts.
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.
```

5.- Nos descargamos Joomla utilizando **wget** y lo descomprimos en nuestro entorno de OpenShift.



Download Joomla!

Download Joomla! 3

The latest version of Joomla! is 3.4 and includes the [latest and greatest features](#) from the developers supporting Joomla!
Please see the latest [release announcement](#) for more information.

Download Joomla 3.4.8
English (UK), 3.4.8 Full Package

Encima del boton de descarga pulsamos con el boton derecho y copiamos el enlace de descarga

```
javier@debian:~/joomlajavi$ wget https://github.com/joomla/joomla-cms/releases/download/3.4.8/Joomla_3.4.8-Stable-Full_Package.zip
--2016-01-21 19:50:23-- https://github.com/joomla/joomla-cms/releases/download/3.4.8/Joomla_3.4.8-Stable-Full_Package.zip
Resolviendo github.com (github.com)... 192.30.252.131
Conectando con github.com (github.com)[192.30.252.131]:443... conectado.
Petición HTTP enviada, esperando respuesta... 302 Found
Localización: https://github-cloud.s3.amazonaws.com/releases/2464908/f66a0098-aa6f-11e5-8ed3-f8e7dd10cb4d.zip?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAISTNZFOVBIJMK3TQ%2F20160121%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20160121T185019Z&X-Amz-Expires=300&X-Amz-Signature=56b4ca5b7caca31a0f19f14e68dcfd864aaccea82277dcc21360262a907b4826X-Amz-SignedHeaders=host&actor_id=0&response-content-disposition=attachment%3B%20filename%3DJoomla_3.4.8-Stable-Full_Package.zip&response-content-type=application%2Foctet-stream [siguiendo]
--2016-01-21 19:50:24-- https://github-cloud.s3.amazonaws.com/releases/2464908/f66a0098-aa6f-11e5-8ed3-f8e7dd10cb4d.zip?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAISTNZFOVBIJMK3TQ%2F20160121%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20160121T185019Z&X-Amz-Expires=300&X-Amz-Signature=56b4ca5b7caca31a0f19f14e68dcfd864aaccea82277dcc21360262a907b4826X-Amz-SignedHeaders=host&actor_id=0&response-content-disposition=attachment%3B%20filename%3DJoomla_3.4.8-Stable-Full_Package.zip&response-content-type=application%2Foctet-stream
Resolviendo github-cloud.s3.amazonaws.com (github-cloud.s3.amazonaws.com)... 54.231.12.209
Conectando con github-cloud.s3.amazonaws.com (github-cloud.s3.amazonaws.com)[54.231.12.209]:443... conectado.
Petición HTTP enviada, esperando respuesta... 200 OK
Longitud: 11032103 (11M) [application/octet-stream]
Grabando a: "Joomla_3.4.8-Stable-Full_Package.zip"

Joomla_3.4.8-Stable-Full_Pa 100%[=====] 10,52M 2,53MB/s en 4,8s
2016-01-21 19:50:29 (2,17 MB/s) - "Joomla_3.4.8-Stable-Full_Package.zip" guardado [11032103/11032103]
```



```
javier@debian:~$ cd joomlajavi/  
javier@debian:~/joomlajavi$ mkdir joomla  
javier@debian:~/joomlajavi$ unzip /home/javier/Descargas/Joomla_3.4.8-Stable-Full_Package.zip -d ./joomla/
```

6.- Lo subimos a OpenShift. Dentro de la carpeta de nuestro joomla introducimos el comando *git status* para ver el estado

```
javier@debian:~/joomlajavi$ ls  
index.php  joomla  
javier@debian:~/joomlajavi$ 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)
```

Actualizamos los cambios con el siguiente comando

```
javier@debian:~/joomlajavi$ git add .
```

Guardamos los cambios con el siguiente comando donde el interior de las comillas es un comentario para guiarnos

```
javier@debian:~/joomlajavi$ git commit -m "Subiendo Joomla!"  
[master 318ff38] Subiendo Joomla!  
Committer: javier <javier@debian.debian>  
Your name and email address were configured automatically based  
on your username and hostname. Please check that they are accurate.  
You can suppress this message by setting them explicitly:
```

```
git config --global user.name "Your Name"  
git config --global user.email you@example.com
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

Ya solo queda subirlo a github con

```
javier@debian:~/joomlajavi$ git push
```



7.- Iniciamos la instalación utilizando variables de entorno. Primero averiguar donde se encuentra el archivo de configuración, que en Joomla! se llama **configuration.php-dist**

```
javier@debian:~/joomla$ cd joomla/
javier@debian:~/joomla$ ls
administrator  cli          images      installation  layouts      logs         plugins      templates
bin            components  includes    joomla.xml   libraries    media        README.txt   tmp
cache         htaccess.txt index.php    language     LICENSE.txt  modules      robots.txt.dist web.config.txt
javier@debian:~/joomla$ cd installation/
javier@debian:~/joomla/installation$ ls
application  controller  CREDITS    form         index.php   language    localise.xml  response  template
configuration.php-dist  COPYRIGHT  favicon.ico helper        INSTALL     LICENSES    model         sql       view
```

Así es como está:

```
GNU nano 2.2.6          Fichero: configuration.php-dist

*/
class JConfig {
    /* Site Settings */
    public $offline = '0';
    public $offline_message = 'This site is down for maintenance.<br /> Please check back again soon.';
    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 = 'localhost';             // This is normally set to localhost
    public $user = '';                      // DB username
    public $password = '';                 // DB password
    public $db = '';                       // DB database name
    public $dbprefix = 'jos_';             // Do not change unless you need to!
```

Y así como lo debemos dejar para que tomes las variables automáticamente.

```
GNU nano 2.2.6          Fichero: configuration.php

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_PORT')';
public $user = 'getenv('OPENSIFT_MYSQL_DB_USERNAME')';                          // DB username
public $password = 'getenv('OPENSIFT_MYSQL_DB_PASSWORD')';                      // DB password
public $db = 'getenv('OPENSIFT_APP_NAME')';                                     // DB database name
public $dbprefix = 'jos_';                // Do not change unless you need to!
```

Hay que guardarlo como **configuration.php** y borrar el archivo anterior:

```
javier@debian:~/joomla$ cd installation/
javier@debian:~/joomla/installation$ ls
application  controller  favicon.ico  index.php  LICENSES  response  view
configuration.php  COPYRIGHT  form         INSTALL    localise.xml  sql
configuration.php-dist  CREDITS    helper        language    model         template
javier@debian:~/joomla/installation$ rm -r configuration.php-dist
javier@debian:~/joomla/installation$ ls
application  controller  CREDITS    form         index.php   language    localise.xml  response  template
configuration.php  COPYRIGHT  favicon.ico helper        INSTALL     LICENSES    model         sql       view
```



Ahora lo subimos a github

```
javier@debian:~/joomla$ git status
On branch master
Your branch is up-to-date with 'origin/master'.
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        deleted:    joomla/installation/configuration.php-dist
```

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)

        joomla/installation/configuration.php
```

```
no changes added to commit (use "git add" and/or "git commit -a")
javier@debian:~/joomla$ git add .
javier@debian:~/joomla$ git commit -m "Modificacion de configuration.php"
[master e3892e8] Modificacion de configuration.php
Committer: javier <javier@debian.debian>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:
```

```
git config --global user.name "Your Name"
git config --global user.email you@example.com
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
1 file changed, 4 insertions(+), 4 deletions(-)
rename joomla/installation/{configuration.php-dist => configuration.php} (88%)
javier@debian:~/joomla$ git push
```

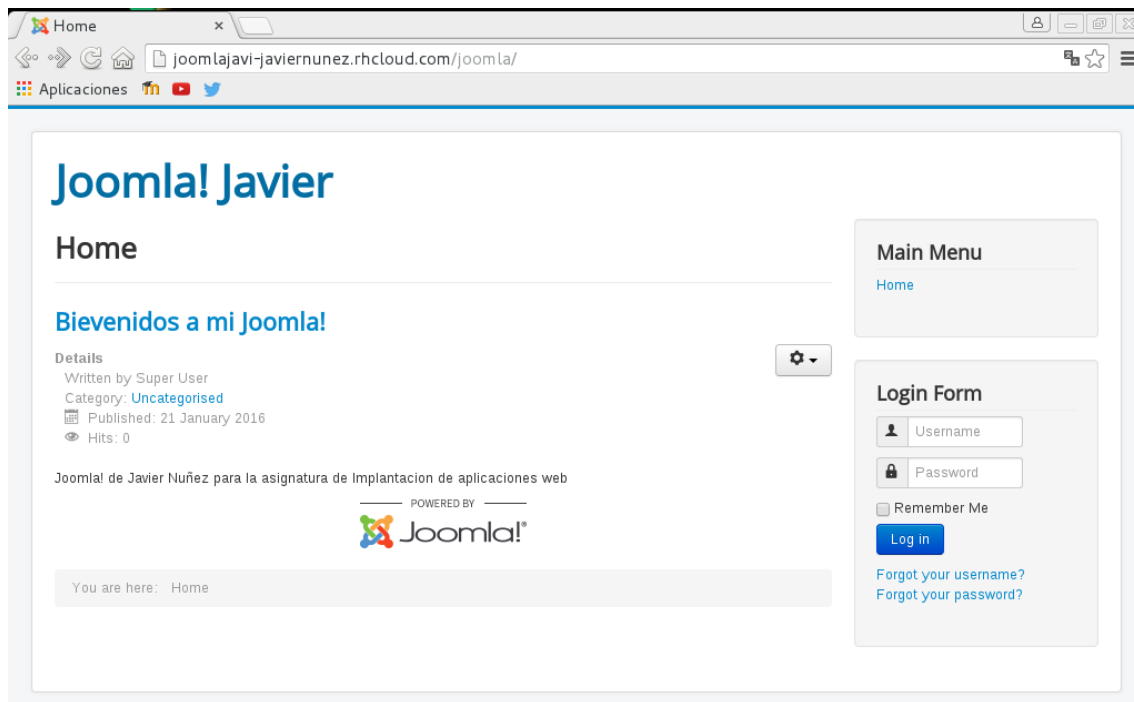
7.- Iniciamos la instalación utilizando variables de entorno. Ahora lo instalamos desde nuestro enlace de openshift seguido de /joomla

MySQL 5.5 Database: joomla User: adminaDXnggN Password: lhFhNqNjxuY

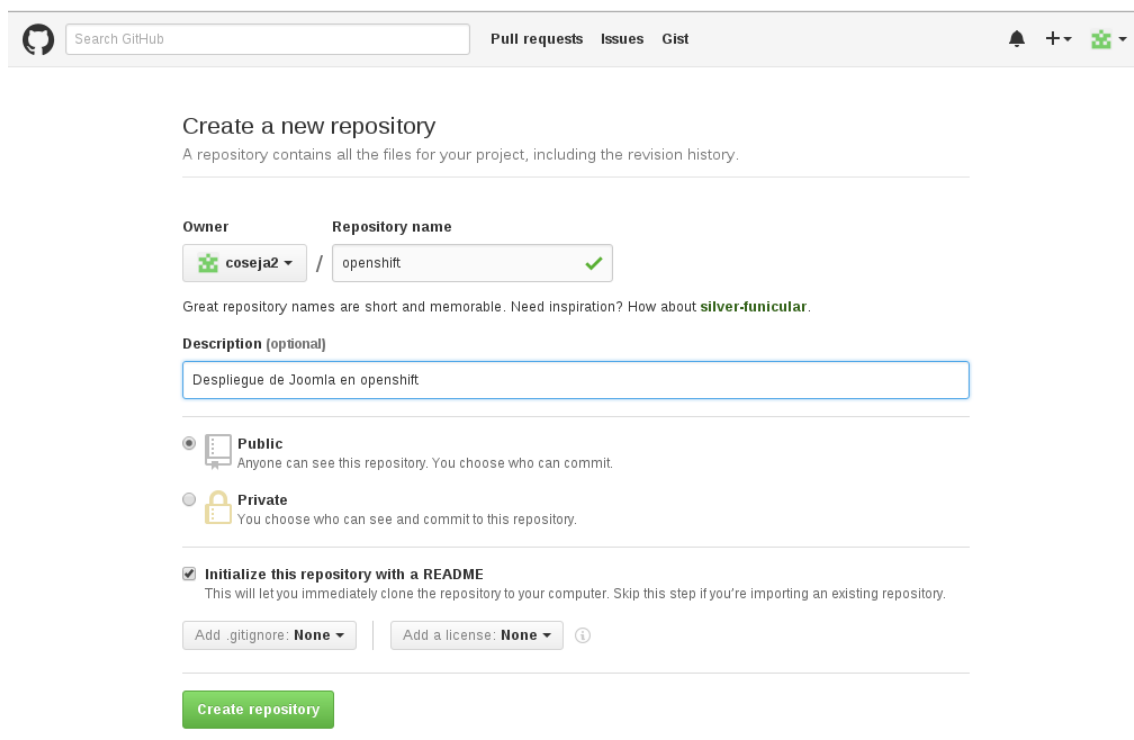


8.- Proporciona el enlace para poder ver el resultado final.

<http://joomlajavi-javiernunez.rhcloud.com/joomla/>



9.- Sube la documentación a github y proporciona el enlace. Primero creamos un nuevo repositorio desde nuestro github





Con el link proporcionado



Lo descargaremos en local

```
javier@debian:~$ git clone https://github.com/coseja2/openshift.git
Cloning into 'openshift'...
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
```

Y subimos el documento

```
javier@debian:~$ cp /home/javier/Descargas/Tarea.-Despliegue_de_Joomla_OpenShift.pdf /home/javier/openshift/
javier@debian:~$ cd openshift/
javier@debian:~/openshift$ ls
README.md Tarea.-Despliegue_de_Joomla_OpenShift.pdf
javier@debian:~/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.-Despliegue_de_Joomla_OpenShift.pdf
```

```
nothing added to commit but untracked files present (use "git add" to track)
```

```
javier@debian:~/openshift$ git add .
javier@debian:~/openshift$ git commit -m "Subida de documentacion"
[master 335beb0] Subida de documentacion
Committer: javier <javier@debian.debian>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:
```

```
git config --global user.name "Your Name"
git config --global user.email you@example.com
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

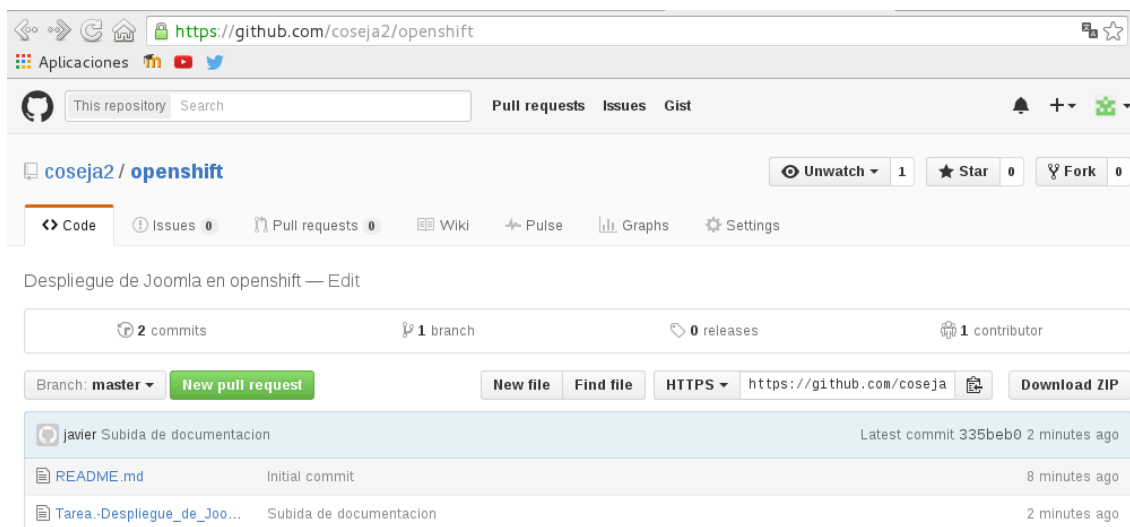
```
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Tarea.-Despliegue_de_Joomla_OpenShift.pdf
javier@debian:~/openshift$ git push
```

Te pedira el usuario y la contraseña de tu github

```
Username for 'https://github.com': coseja2
Password for 'https://coseja2@github.com':
```



Y ya estaría



10.- Proporciona un enlace a tu repositorio github.

<https://github.com/coseja2/openshift>