

# Práctica avanzada optativa.



# Instalación de un Joomla!

```

hristian@hristian:/var/www/html$ sudo mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 81
Server version: 8.0.43-0ubuntu0.24.04.2 (Ubuntu)

Copyright (c) 2000, 2025, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE joomla;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT * FROM vjf82_users;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | name | username | email | password | lastResetTime | resetCount | otpKey | otep | requireReset | authProvider | bloc
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 983 | admin | admin | hrinikman@alu.edu.gva.es | $2y$10$S22RpoVv0WFCoTgrda8Va.1uBrk8h8hMIQ.T00jzPITeuDvKmyYWC | 025-10-15 14:51:46 | 0 | NULL | 0 | 0 | 0 | 0 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

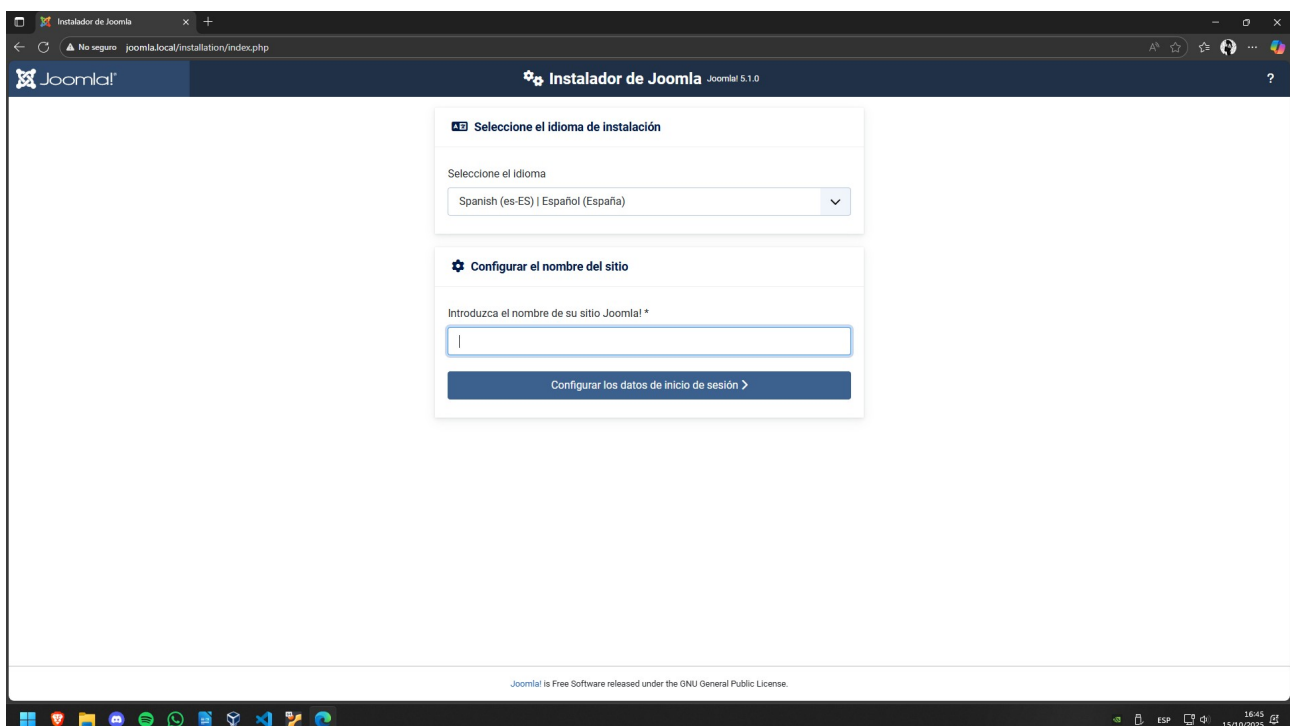
mysql>

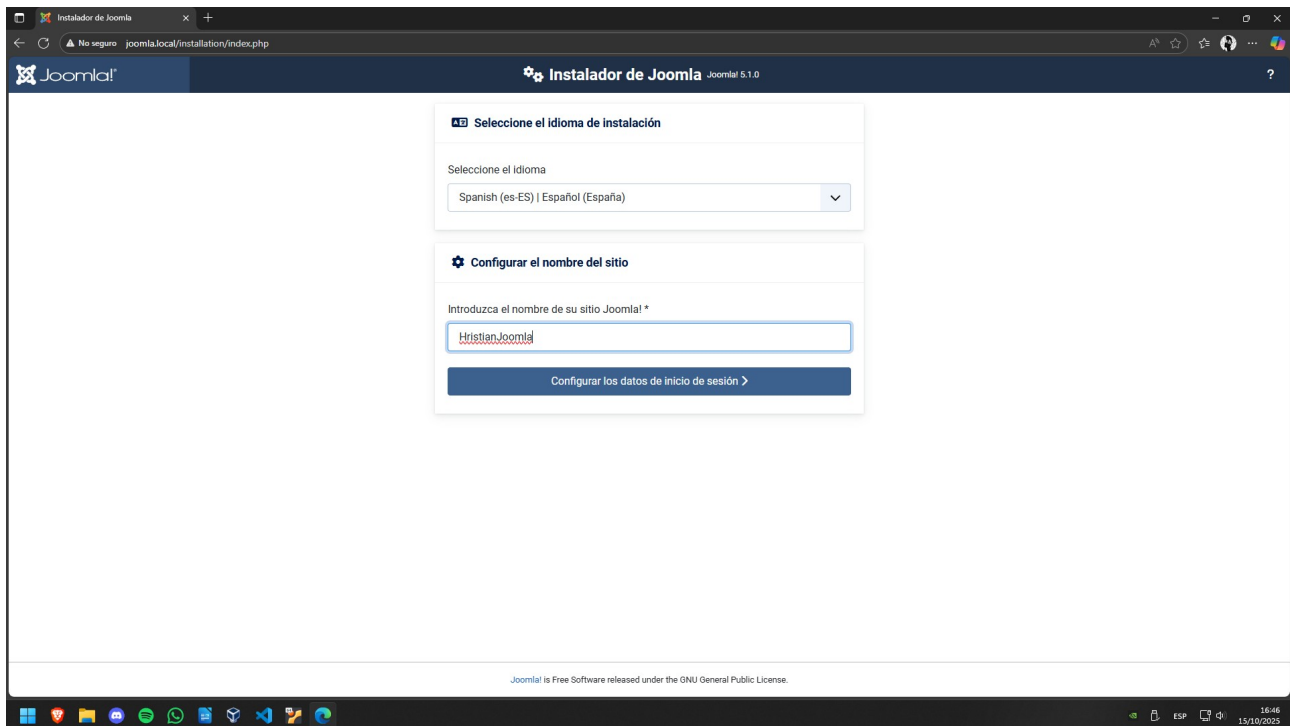
```

```

hristian@hristian:/var/www/html$ cd joomla/
hristian@hristian:/var/www/html/joomla$ ls
administrator  cache  components  htaccess.txt  includes  language  libraries  media  plugins  robots.txt
api            cli    configuration.php  images        index.php  layouts   LICENSE.txt  modules  README.txt  templates
hristian@hristian:/var/www/html/joomla$ _

```

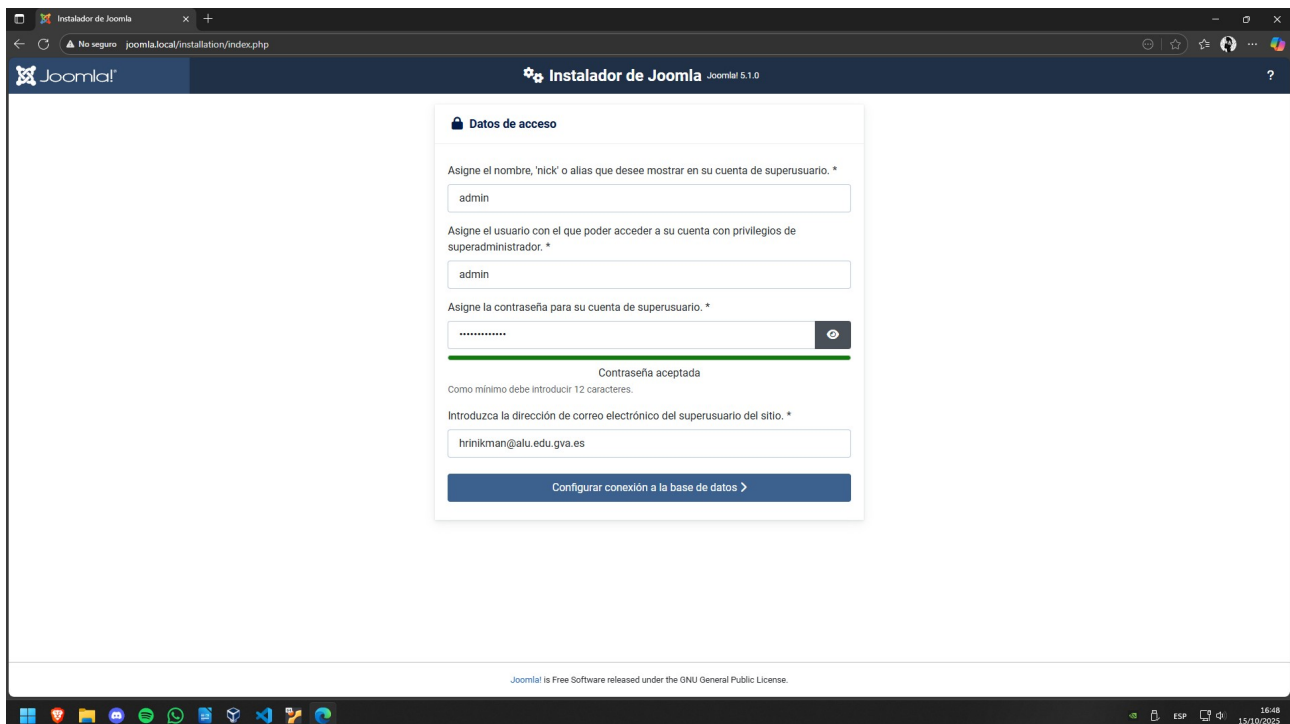




The screenshot shows the Joomla! 5.1.0 installation interface. The browser address bar indicates the URL is `joomla.local/installation/index.php`. The page title is "Instalador de Joomla! Joomla! 5.1.0". The main content area has two sections:

- Seleccione el idioma de instalación**: A dropdown menu is set to "Spanish (es-ES) | Español (España)".
- Configurar el nombre del sitio**: A text input field contains "HristianJoomla!". Below it is a button labeled "Configurar los datos de inicio de sesión >".

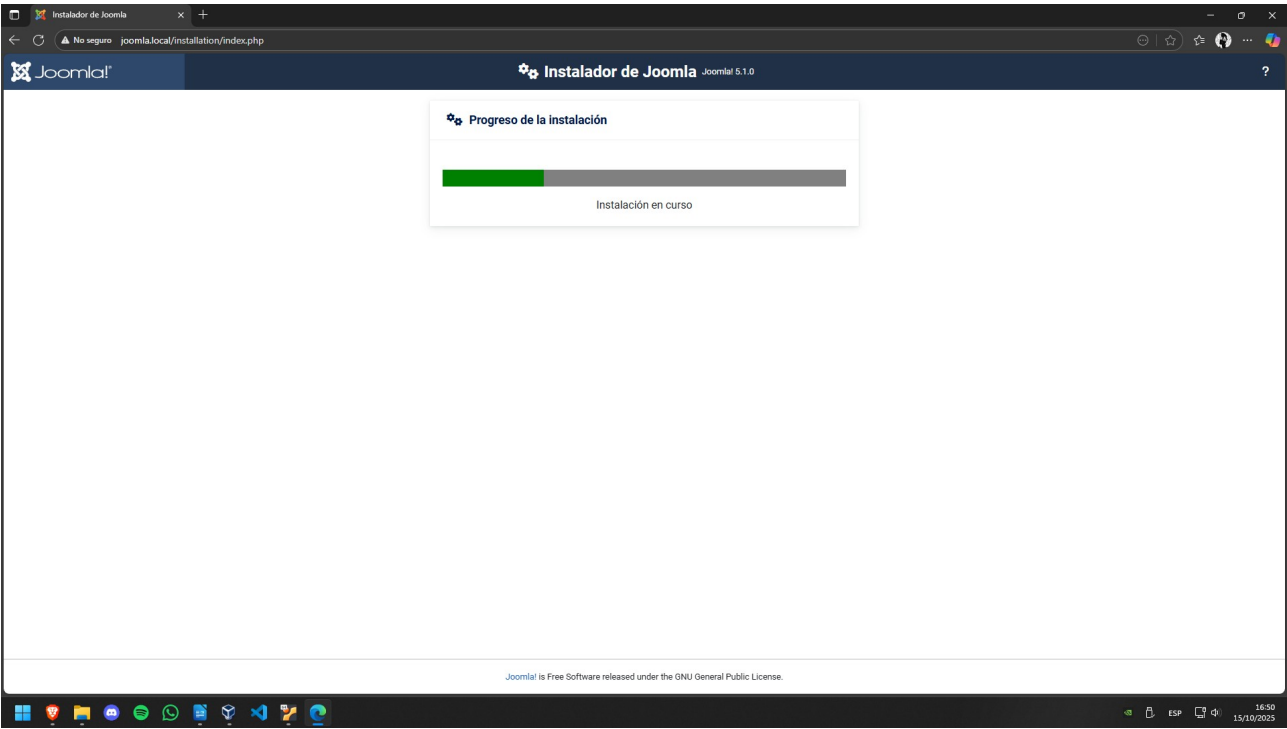
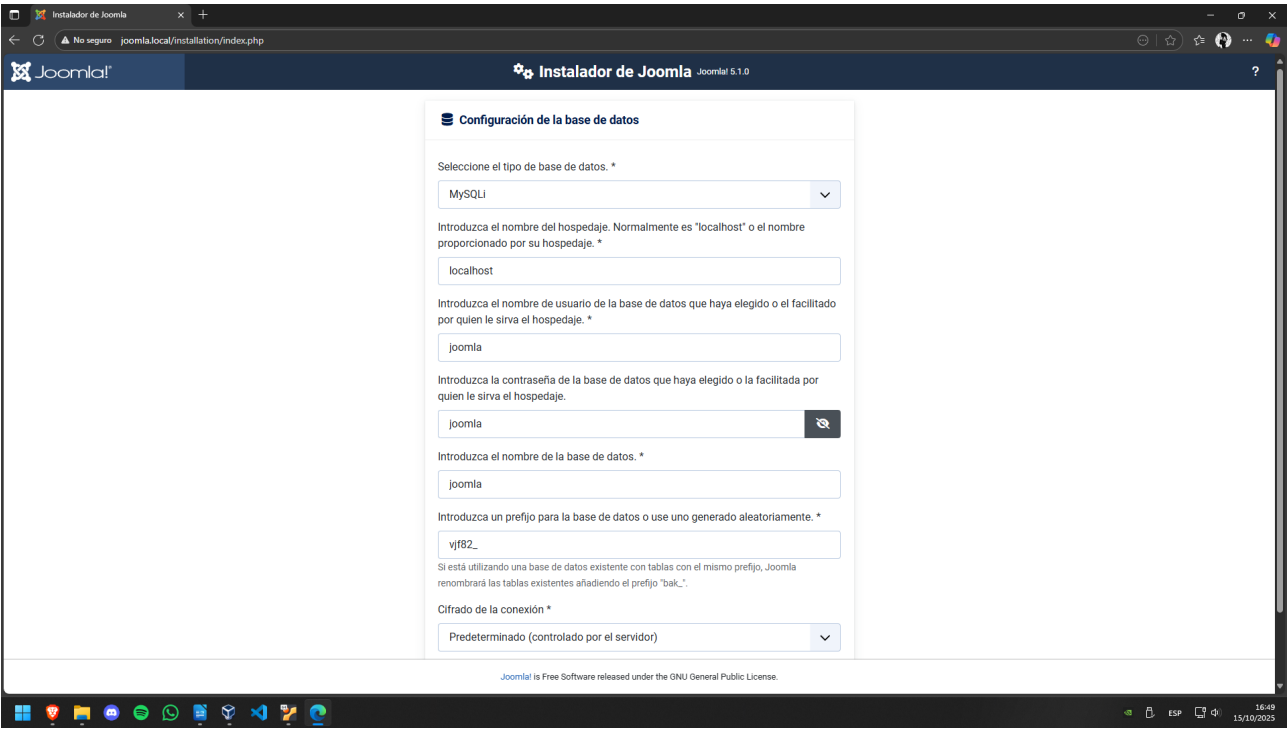
At the bottom, a small text line reads: "Joomla! is Free Software released under the GNU General Public License."

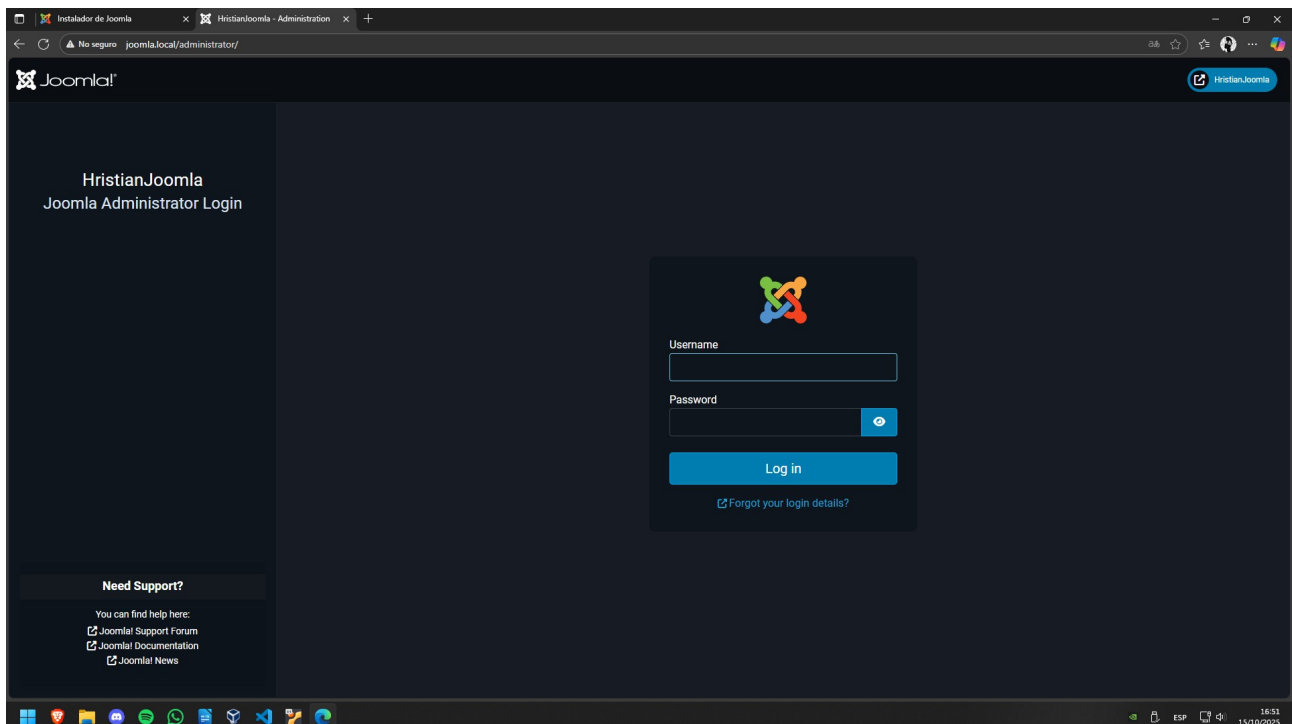
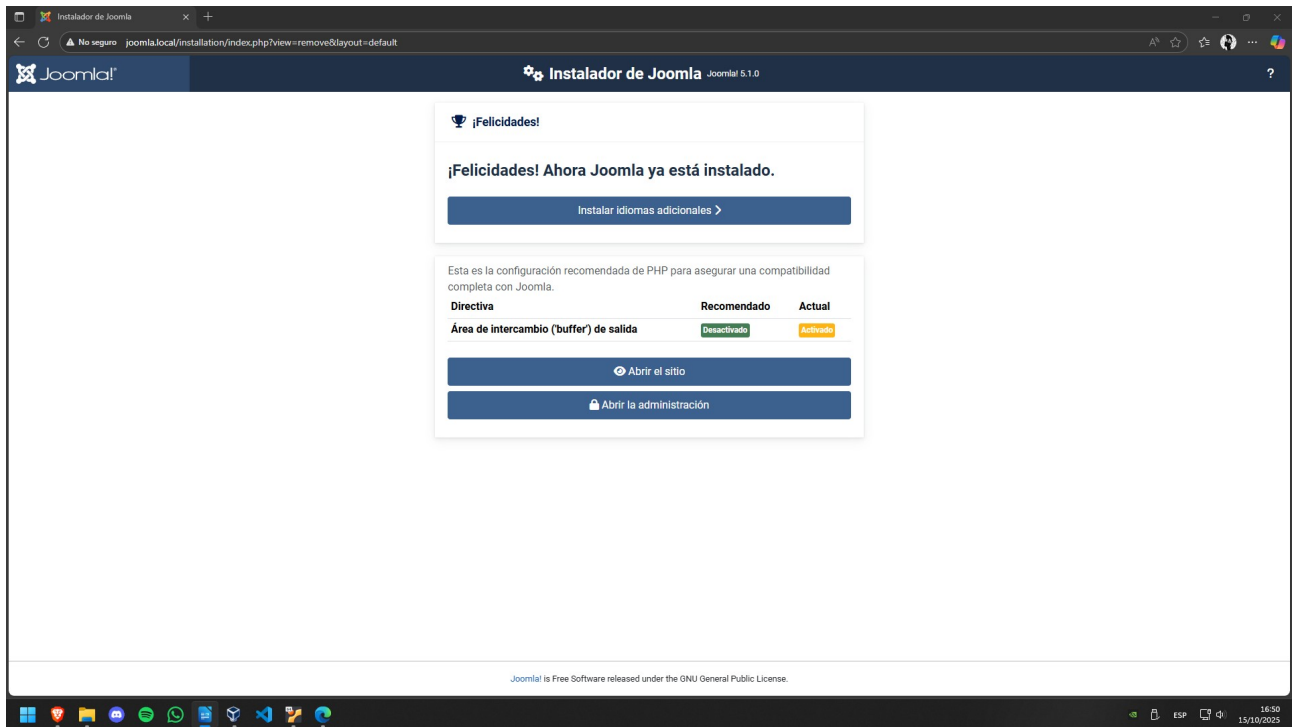


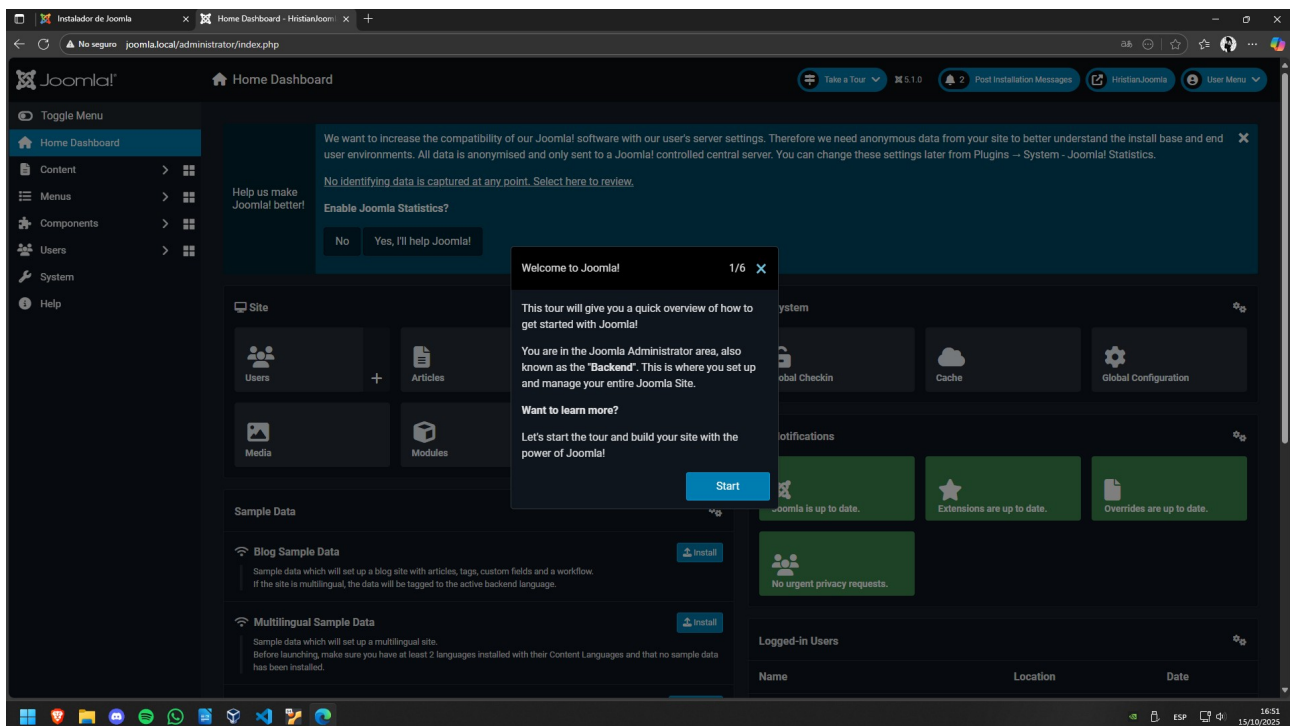
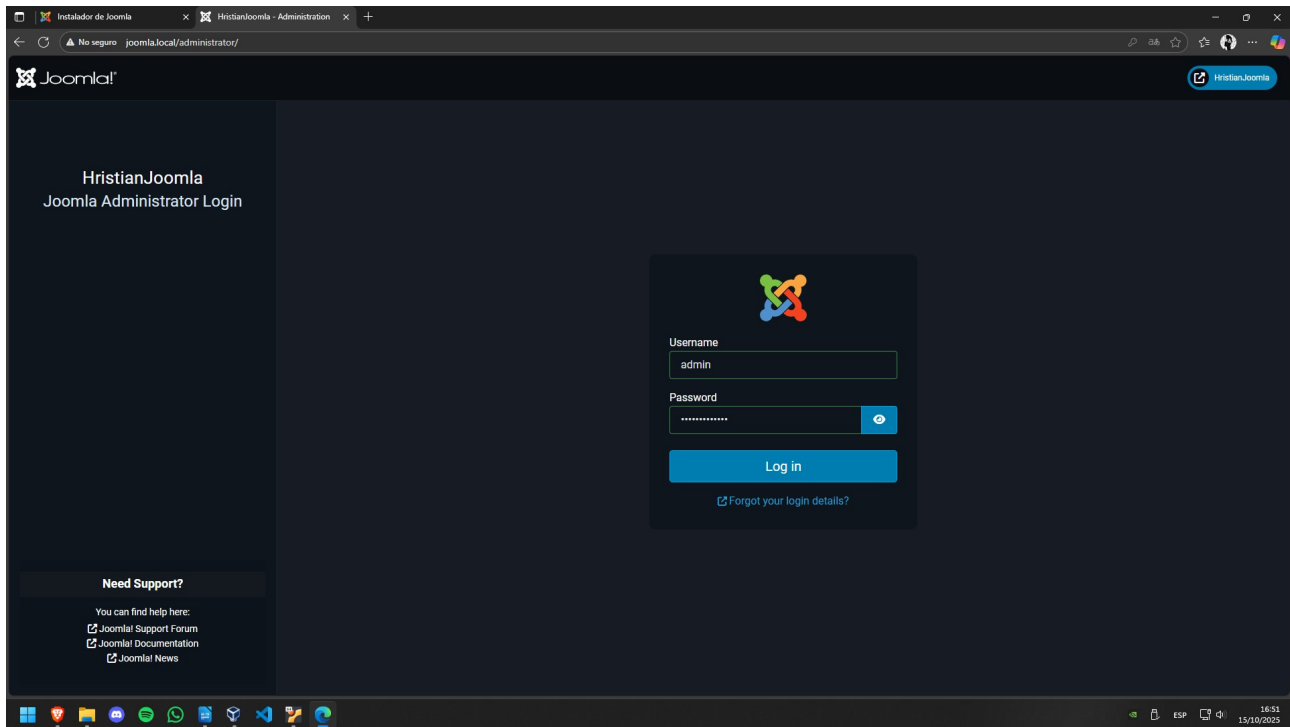
The screenshot shows the Joomla! 5.1.0 installation interface for user access configuration. The browser address bar indicates the URL is `joomla.local/installation/index.php`. The page title is "Instalador de Joomla! Joomla! 5.1.0". The main content area has a section titled **Datos de acceso** with the following fields and instructions:

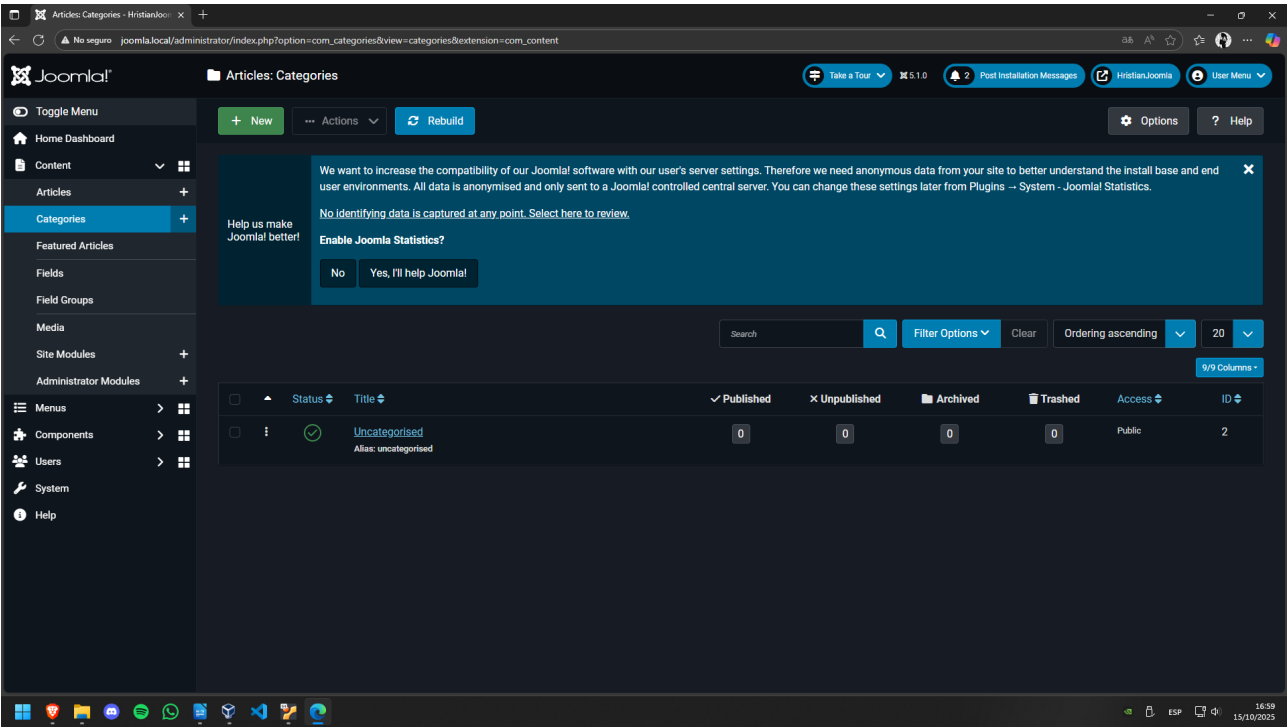
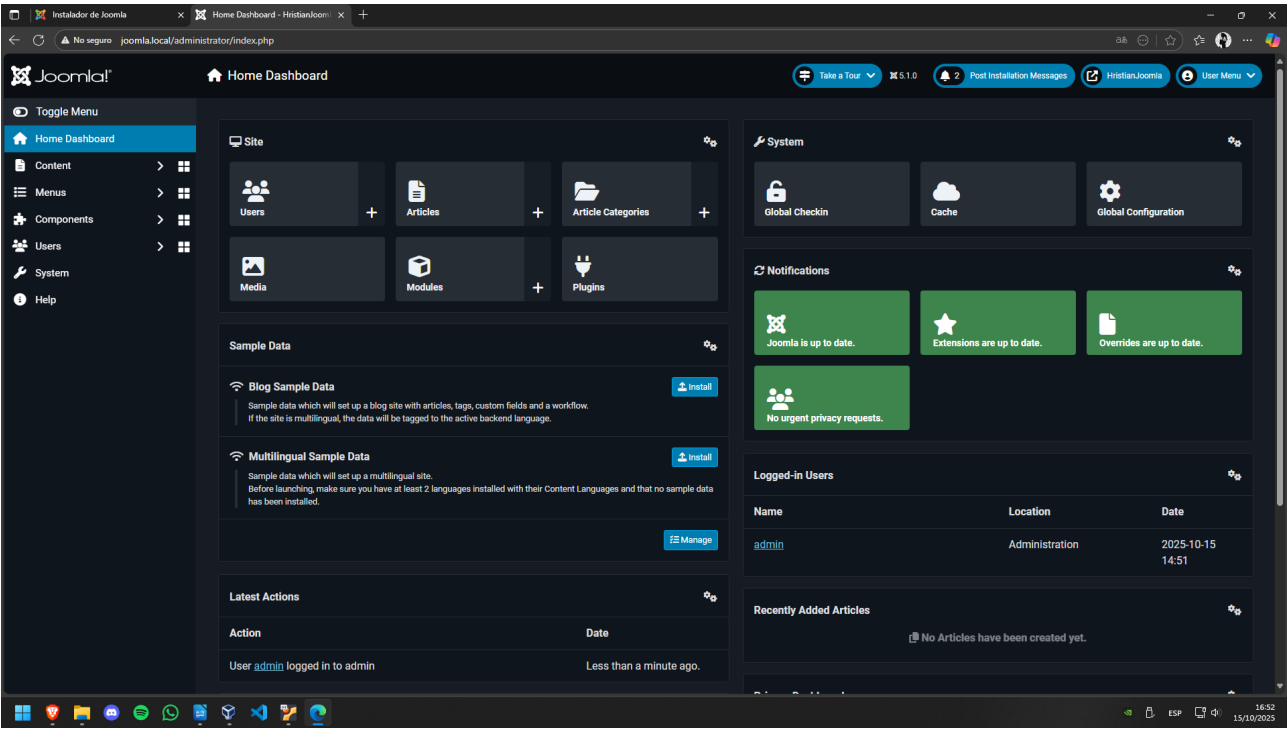
- Asigne el nombre, 'nick' o alias que desee mostrar en su cuenta de superusuario. \***: Input field contains "admin".
- Asigne el usuario con el que poder acceder a su cuenta con privilegios de superadministrador. \***: Input field contains "admin".
- Asigne la contraseña para su cuenta de superusuario. \***: Password input field with a strength indicator showing a green bar. Below it, text reads: "Contraseña aceptada. Como mínimo debe introducir 12 caracteres."
- Introduzca la dirección de correo electrónico del superusuario del sitio. \***: Input field contains "hrinikman@alu.edu.gva.es".

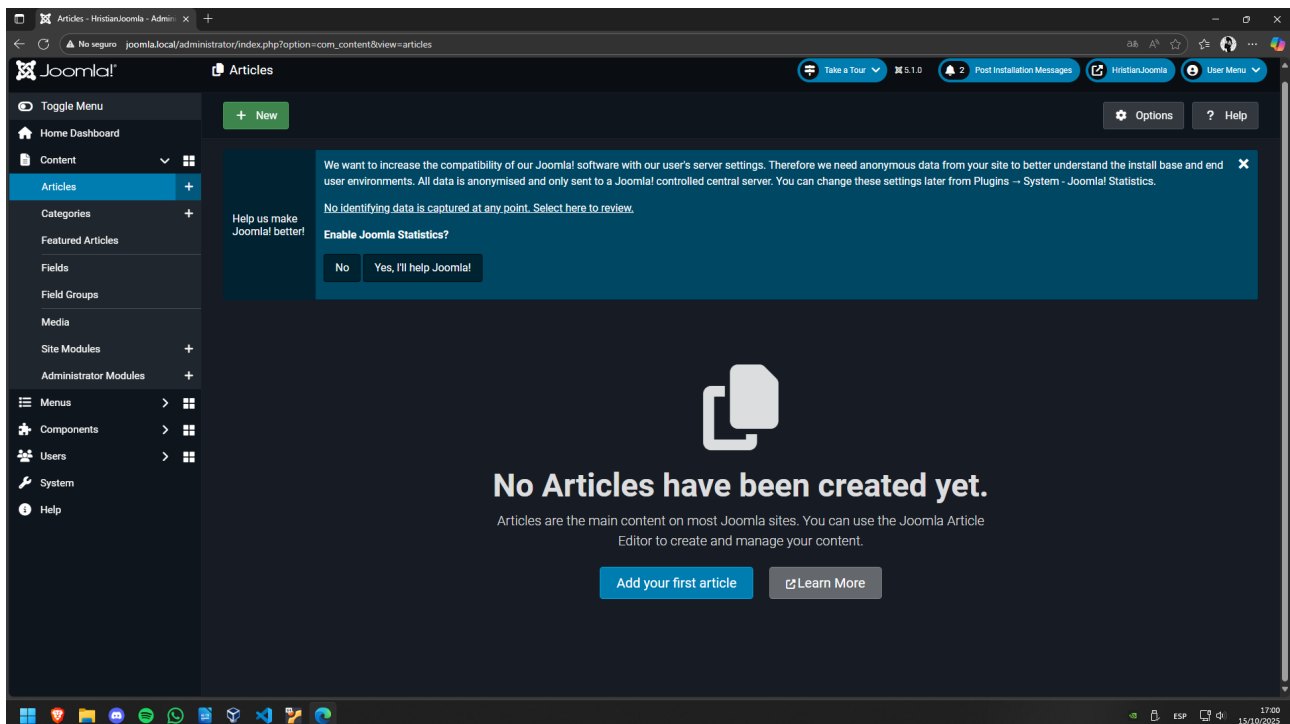
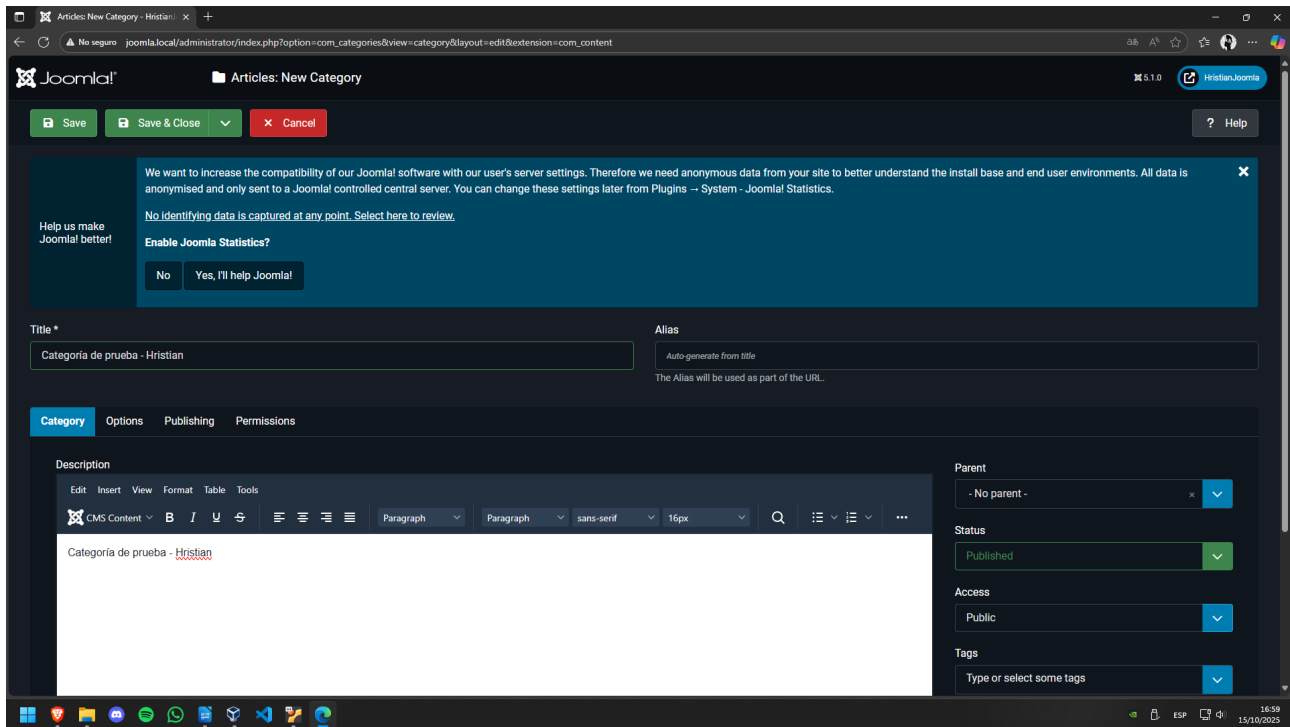
At the bottom is a button labeled "Configurar conexión a la base de datos >". A small text line at the very bottom reads: "Joomla! is Free Software released under the GNU General Public License."



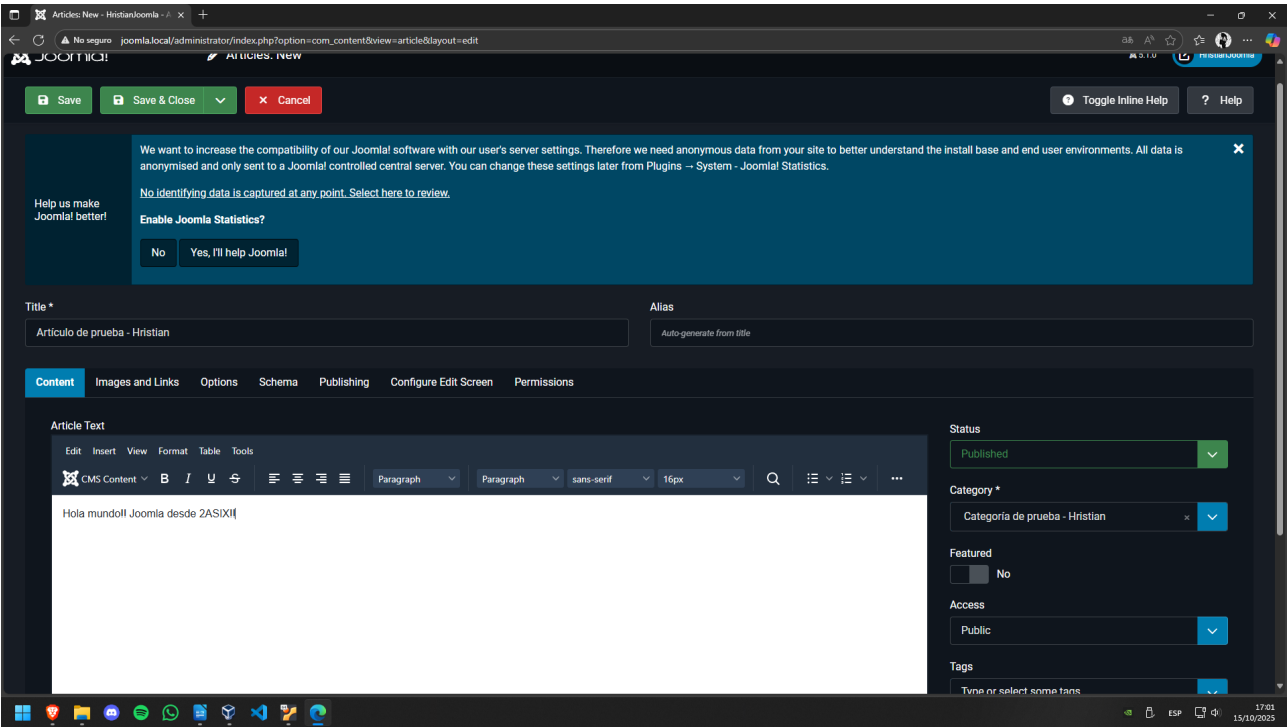




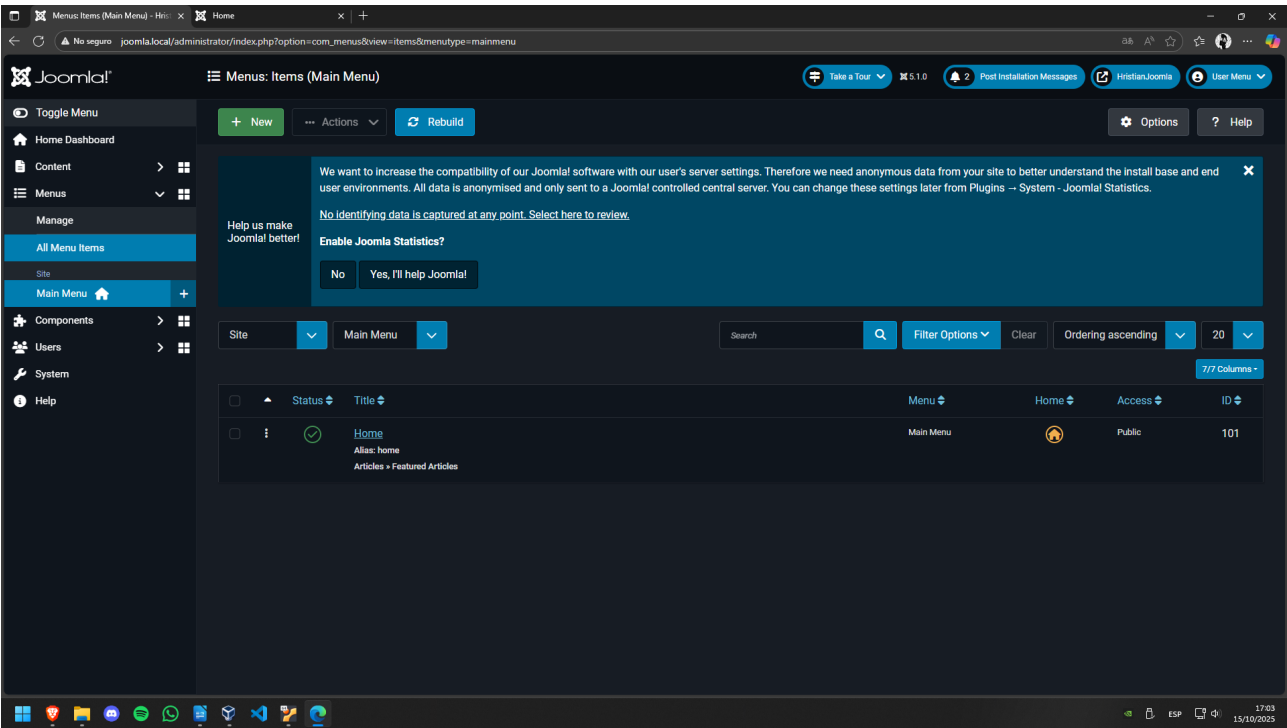


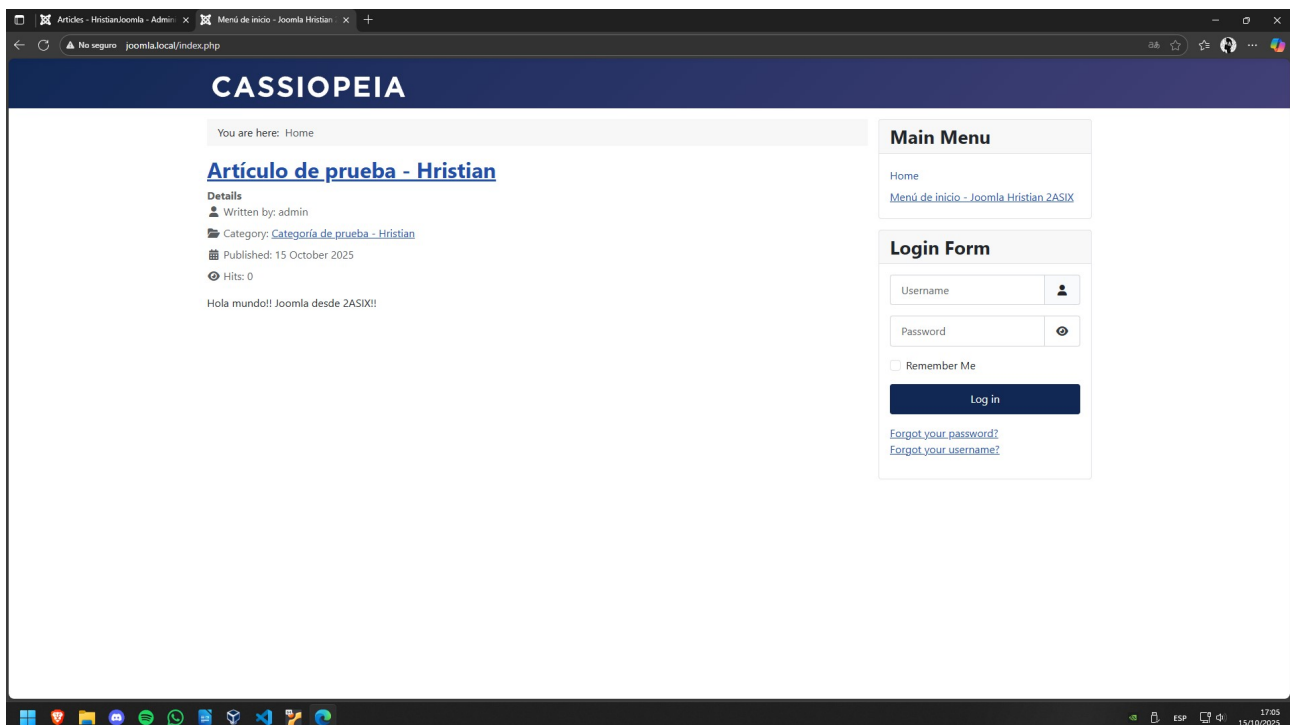
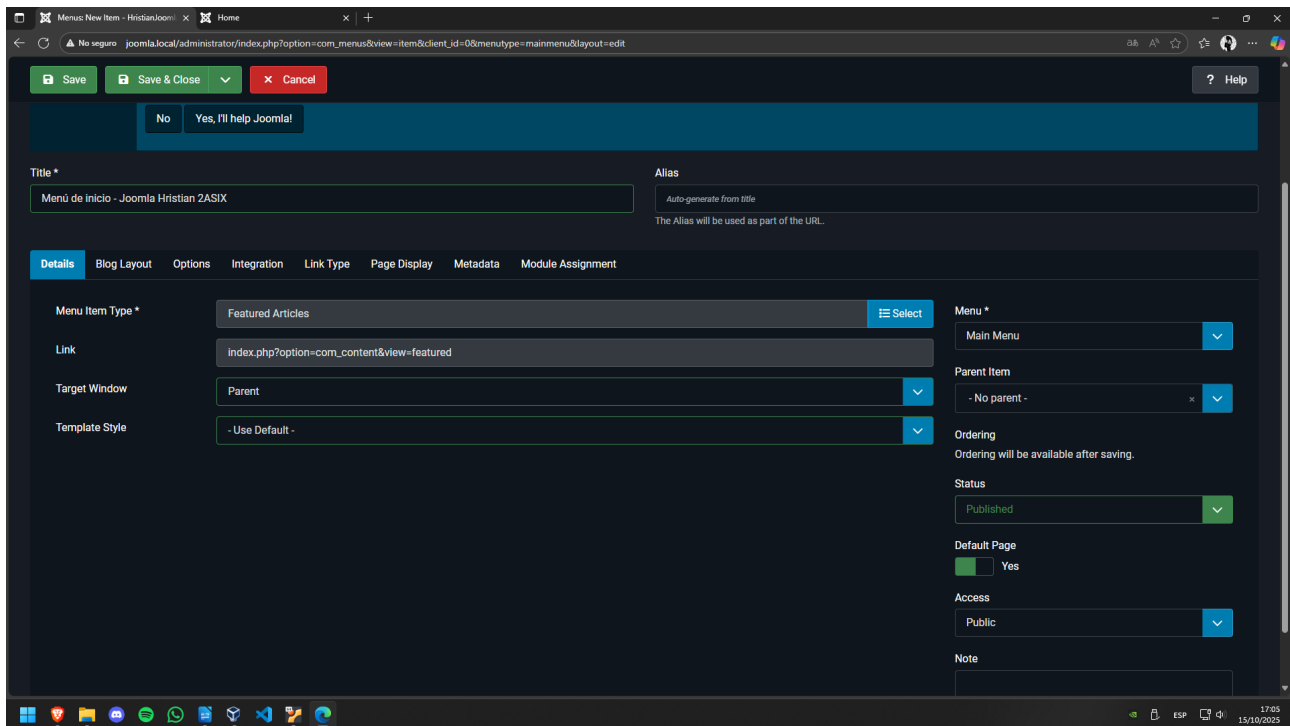






	Featured	Status	Title	Access	Author	Date Created	Hits	ID
<input type="checkbox"/>			<a href="#">Artículo de prueba - Hristian</a> Alias: artículo-de-prueba-hristian Category: Categoría de prueba - Hristian	Public	admin	2025-10-15	0	1





# Artículo de prueba - Hristian

## Details

 Written by: admin

 Category: [Categoría de prueba - Hristian](#)

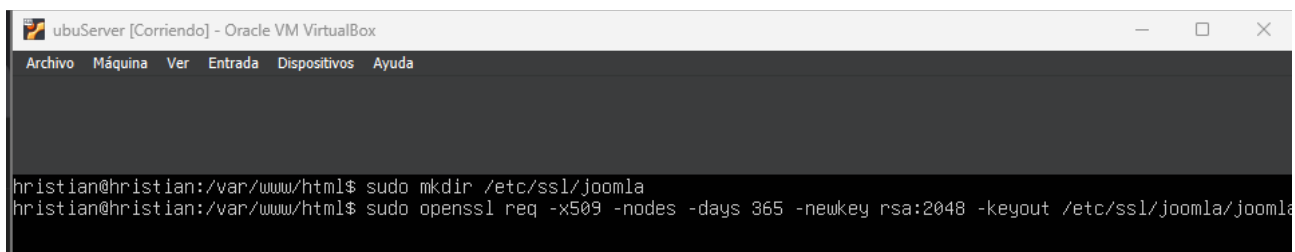
 Published: 15 October 2025

 Hits: 2

Hola mundo!! Joomla desde 2ASIX!!

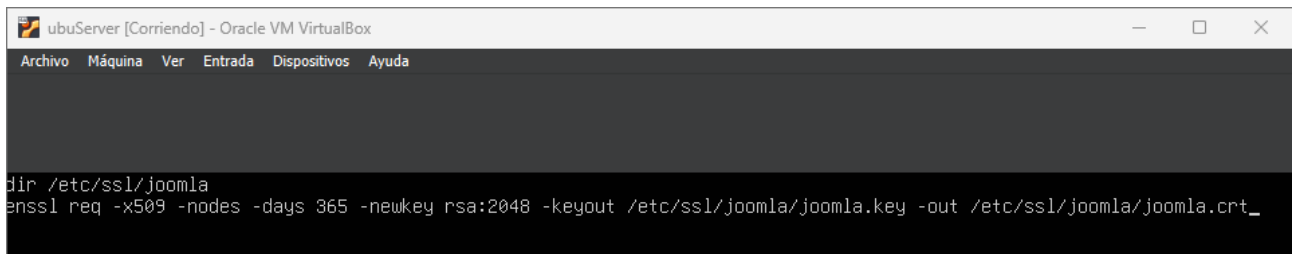
# Reto opcional

- Activar **HTTPS** con Let's Encrypt (si tienes dominio público o DNS interno).
- Comparar estructura de carpetas de Joomla con la de WordPress:
  - `/administrator`
  - `/components`
  - `/templates`
  - `/configuration.php`



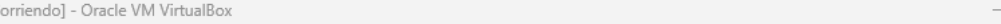
```
ubuServer [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

hristian@hristian:/var/www/html$ sudo mkdir /etc/ssl/joomla
hristian@hristian:/var/www/html$ sudo openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/ssl/joomla/joomla
```



```
ubuServer [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

dir /etc/ssl/joomla
openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/ssl/joomla/joomla.key -out /etc/ssl/joomla/joomla.crt_
```



hristian@hristian:/var/www/html\$ sudo nano /etc/apache2/sites-available/joomla-ssl.conf

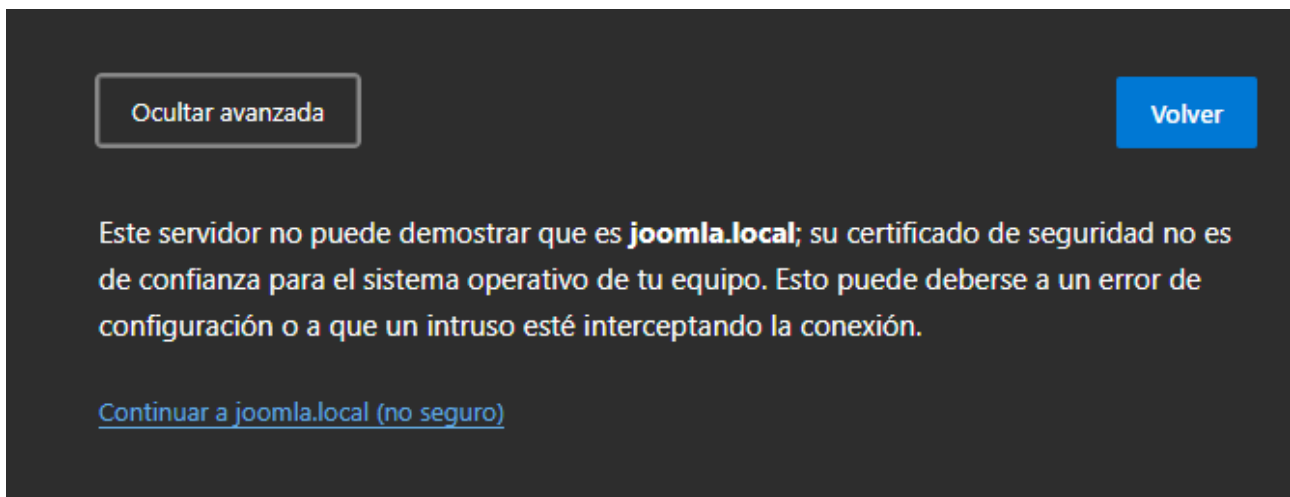
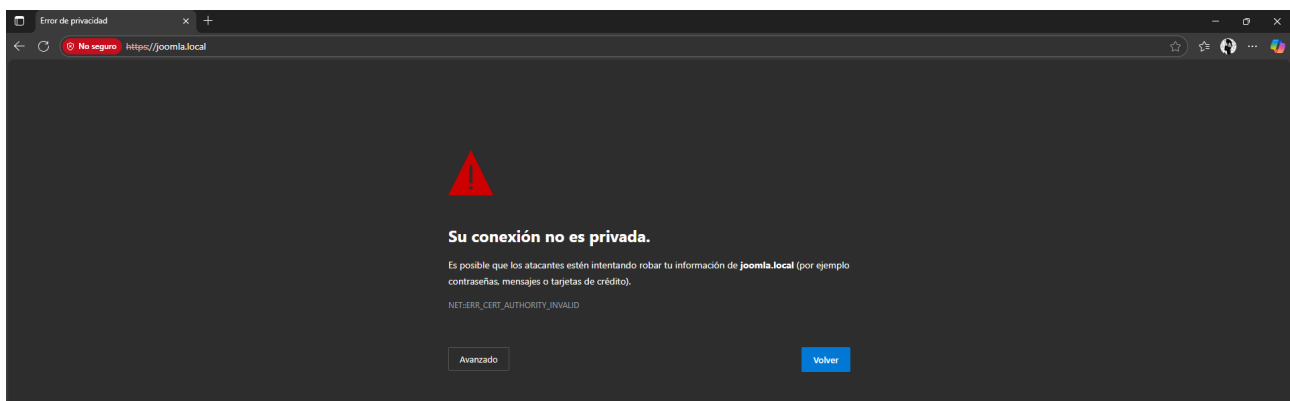
```
ubuServer [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

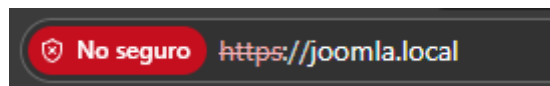
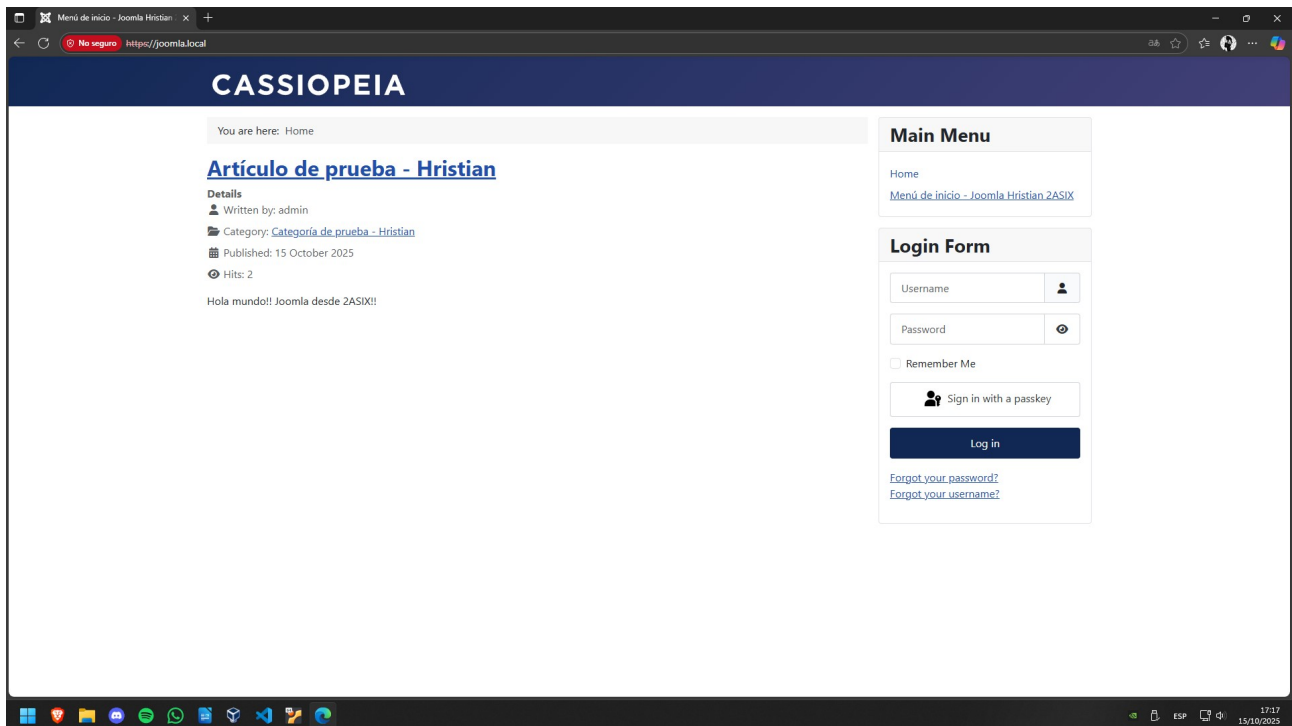
GNU nano 7.2 /etc/apache2/sites-available/joomla-ssl.conf *
<VirtualHost *:443>
    ServerAdmin webmaster@localhost
    ServerName joomla.local
    DocumentRoot /var/www/html/joomla

    <Directory /var/www/html/joomla>
        AllowOverride All
        Require all granted
    </Directory>

    SSLEngine on
    SSLCertificateFile /etc/ssl/joomla/joomla.crt
    SSLCertificateKeyFile /etc/ssl/joomla/joomla.key

    ErrorLog ${APACHE_LOG_DIR}/joomla_ssl_error.log
    CustomLog ${APACHE_LOG_DIR}/joomla_ssl_access.log combined
</VirtualHost>_
```





El navegador muestra una **advertencia de certificado autofirmado**, normal en pruebas locales.

## Comparación estructura de carpetas con WordPress

### JOOMLA 5.X

Carpeta / Archivo	Función
/administrator	Panel de administración (backend)
/components	Componentes principales instalados
/templates	Plantillas de diseño (frontend y backend)
configuration.php	Archivo de configuración principal

### WORDPRESS

Carpeta / Archivo	Función
/wp-admin	Panel de administración
/wp-content	Temas, plugins y uploads
/wp-includes	Funciones principales de WP
wp-config.php	Archivo de configuración principal