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1. Características de MySQL



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1. Características de MySQL

- Inicialmente propiedad de Sun Microsystems: licencia GPL
- Actualmente propiedad de Oracle
 - ▣ Mantiene versión GPL sin soporte (gratuita)
 - ▣ Existe la “escisión” MariaDB, compatible con MySQL
- Arquitectura cliente – servidor
- Facilidad de descarga, instalación y administración
- Multiplataforma (Windows, Linux, Mac OS, ...)

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2. Software relacionado



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2. Software relacionado

- Servidor
 - ▣ MySQL Server
- Clientes
 - ▣ MySQL Workbench (aplicación gráfica)
 - ▣ mysql (aplicación textual)
- Soluciones integradas (XAMPP)
 - ▣ Servidor
 - ▣ Cliente: phpMyAdmin (web)
 - ▣ Otros elementos ajenos a MySQL
- Conectores para lenguajes (JDBC, ODBC, ...)
- Otras herramientas (documentación, ejemplos, ...)

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3. XAMPP



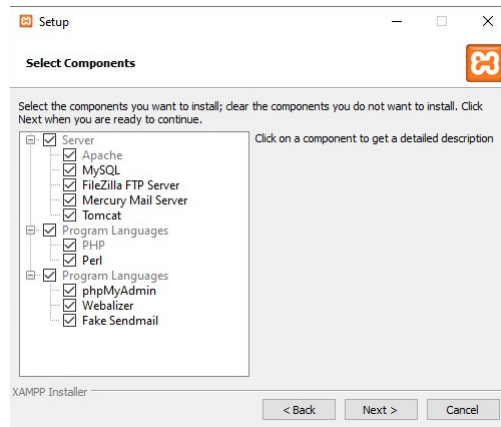
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3. XAMPP

- Multiplataforma X
- Aplicaciones
 - ▣ Servidor web Apache
 - ▣ SGBD MySQL (MariaDB)
 - ▣ Servidor de aplicaciones PHP
 - ▣ Lenguaje de script Perl

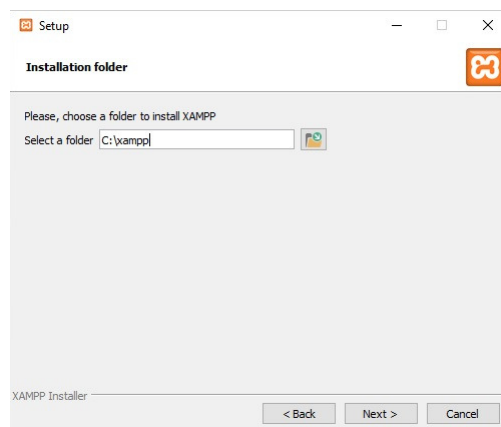
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3. XAMPP: instalación



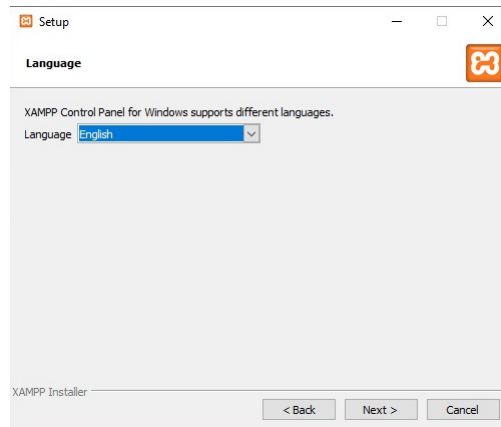
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3. XAMPP: instalación



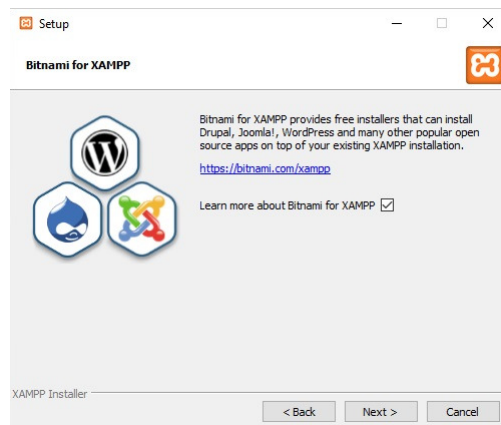
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3. XAMPP: instalación



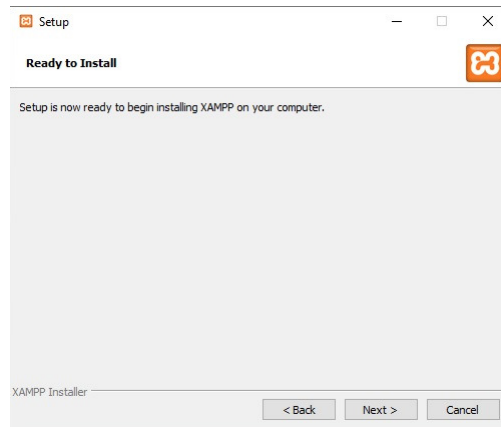
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3. XAMPP: instalación



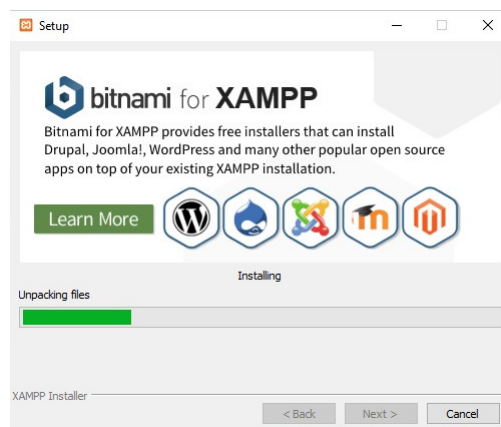
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3. XAMPP: instalación



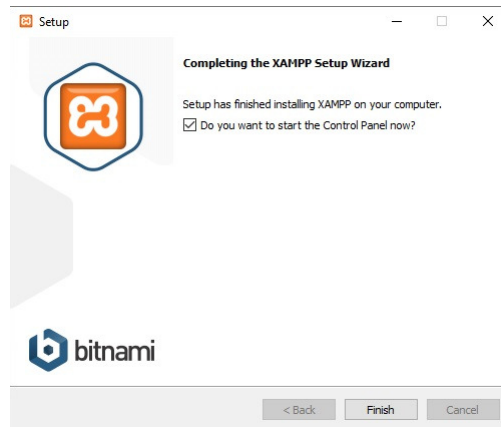
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3. XAMPP: instalación



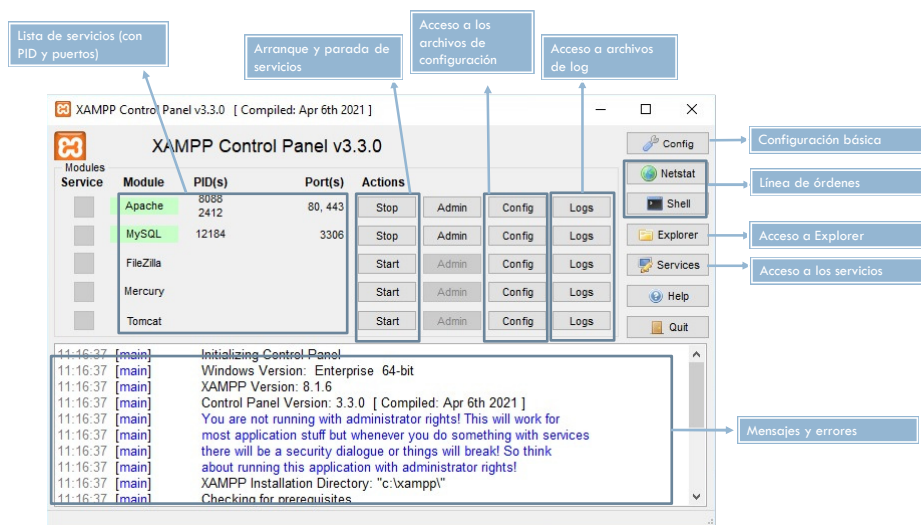
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3. XAMPP: instalación



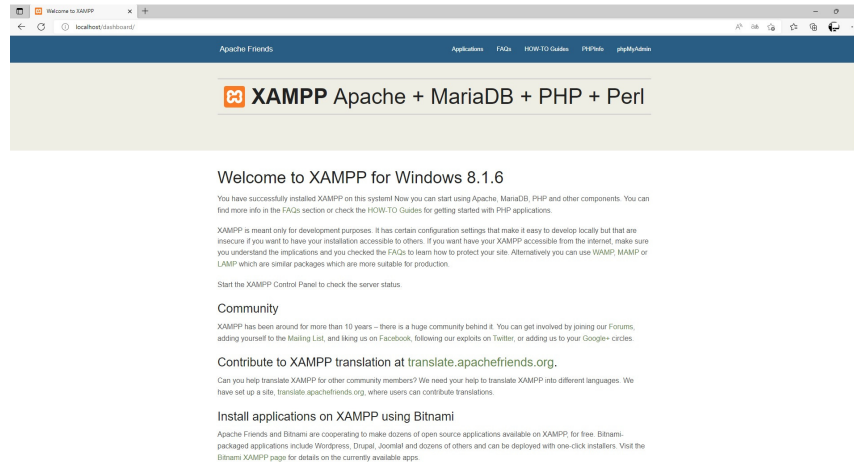
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3. XAMPP: panel de control



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3. XAMPP: comprobación



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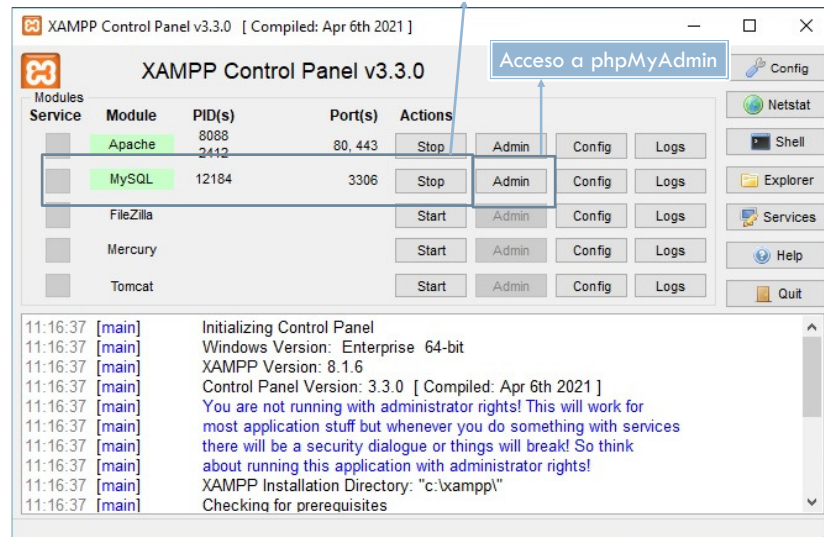
4. Prueba de funcionamiento



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4. Prueba de funcionamiento

Arranque/Parada del servicio



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4. Prueba de funcionamiento

```
C:\xampp\mysql\bin>mysql -h localhost -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 106
Server version: 10.4.24-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> ALTER USER 'root'@'localhost' IDENTIFIED BY '123456';
Query OK, 0 rows affected (0.014 sec)

MariaDB [(none)]> quit
Bye

C:\xampp\mysql\bin>mysql -h localhost -u root -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: NO)

C:\xampp\mysql\bin>mysql -h localhost -u root -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 108
Server version: 10.4.24-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]>
```

Acceso con aplicación de consola mysql (cambio de contraseña de root)

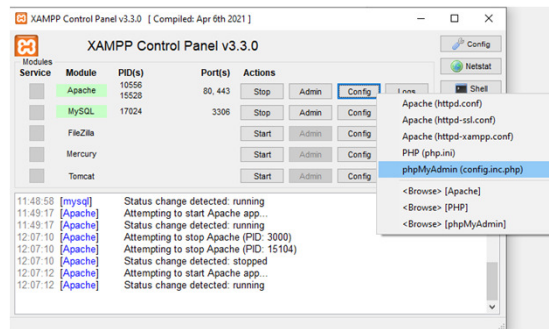
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4. Prueba de funcionamiento

□ Cambio de contraseña de root

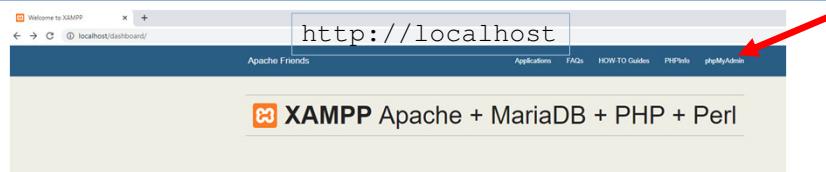
■ ALTER USER 'root'@'localhost' IDENTIFIED BY '123456';

□ Precaución: configurarla en phpMyAdmin



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4. Prueba de funcionamiento



Welcome to XAMPP for Windows 8.1.6

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the FAQs section or check the HOW-TO Guides for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others. If you want have your XAMPP accessible from the internet, make sure you understand the implications and you checked the FAQs to learn how to protect your site. Alternatively you can use WAMP, MAMP or LAMP which are similar packages which are more suitable for production.

Start the XAMPP Control Panel to check the server status.

Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our Forums, adding yourself to the Mailing List, and liking us on Facebook, following our exploits on Twitter, or adding us to your Google+ circles.

Contribute to XAMPP translation at translate.apachefriends.org.

Can you help translate XAMPP for other community members? We need your help to translate XAMPP into different languages. We have set up a site, translate.apachefriends.org, where users can contribute translations.

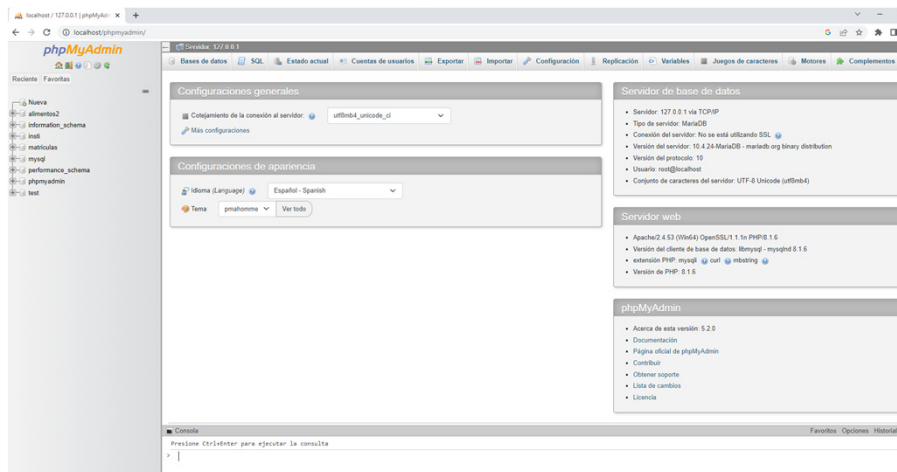
Install applications on XAMPP using Bitnami

Apache Friends and Bitnami are cooperating to make dozens of open source applications available on XAMPP, for free. Bitnami

Conexión a phpMyAdmin

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4. Prueba de funcionamiento



Conexión a phpMyAdmin

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Bases de Datos
1º D.A.M.

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