Using XAMPP and Mysql Workbench together

Asked 3 years, 7 months ago   Modified 11 months ago   Viewed 51k times

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There are some related posts to this but I still can't figure this out. I have a working install of XAMPP(latest version) and MySQL Workbench 8.0.17 installed. **I just want to be able to use Workbench with the MySQL that ships with the XAMPP install.**

In the latest version of XAMPP, it first sets an IP address before I can start apache and mysql. MySQL seems to be running on port 3307.

Here is the Workbench screen to make a new connection. XAMPP is running on localhost - should that be my hostname?

	Setup New Connection	
Connection Name:		Type a name for the connection
Connection Method:	Standard (TCP/IP)	Method to use to connect to the RDBMS

Parameters | SSL | Advanced

Hostname:	127.0.0.1 Port: 3306	Name or IP address of the server host - and TCP/IP port.
Username:	root	Name of the user to connect with.
Password:	Store in Keychain ... Clear	The user's password. Will be requested later if it's not set.
Default Schema:		The schema to use as default schema. Leave blank to select it later.

Configure Server Management...   Test Connection   Cancel   OK

If I try a localhost or 127.0.0.1 hostname with port 3307 (where I think XAMPP's MySQL is) I get this popup alert. If I continue, I still don't see any of my databases listed on the main screen.

Connection Warning

Incompatible/nonstandard server version or connection protocol detected (10.1.21).

A connection to this database can be established but some MySQL Workbench features may not work properly since the database is not fully compatible with the supported versions of MySQL.

MySQL Workbench is developed and tested for MySQL Server versions 5.6, 5.7 and 8.0

Cancel   Continue Anyway

mysql   xampp   mysql-workbench

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asked Sep 3, 2019 at 15:37

Kinglish
22.9k   3   23   43

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1   MySQL is normally on 3306 – RiggsFolly Sep 3, 2019 at 15:42

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1   Those defaults look like they should work as they are – RiggsFolly Sep 3, 2019 at 15:53

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your error message looks like your xampp is shipped with an older version of mysql. So the connection is established but mysql is not at least 5.6 – Lelio Faieta Sep 3, 2019 at 15:57

This always happens. After I post a question I figure out something important. XAMPP ships with MariaDB which MySQL Workbench doesn't support. I am going to attempt to revert XAMPP to MySQL (not MariaDB) - (@RiggsFolly - XAMPP appears to utilize 3307 for the DB) –   Kinglish   Sep 3, 2019 at 15:57

For mariaDB, maybe they did so you can install MySQL and us it on 3306 without conflicts – RiggsFolly Sep 3, 2019 at 16:03

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5 Answers

Sorted by:

Highest score (default)   ⬍
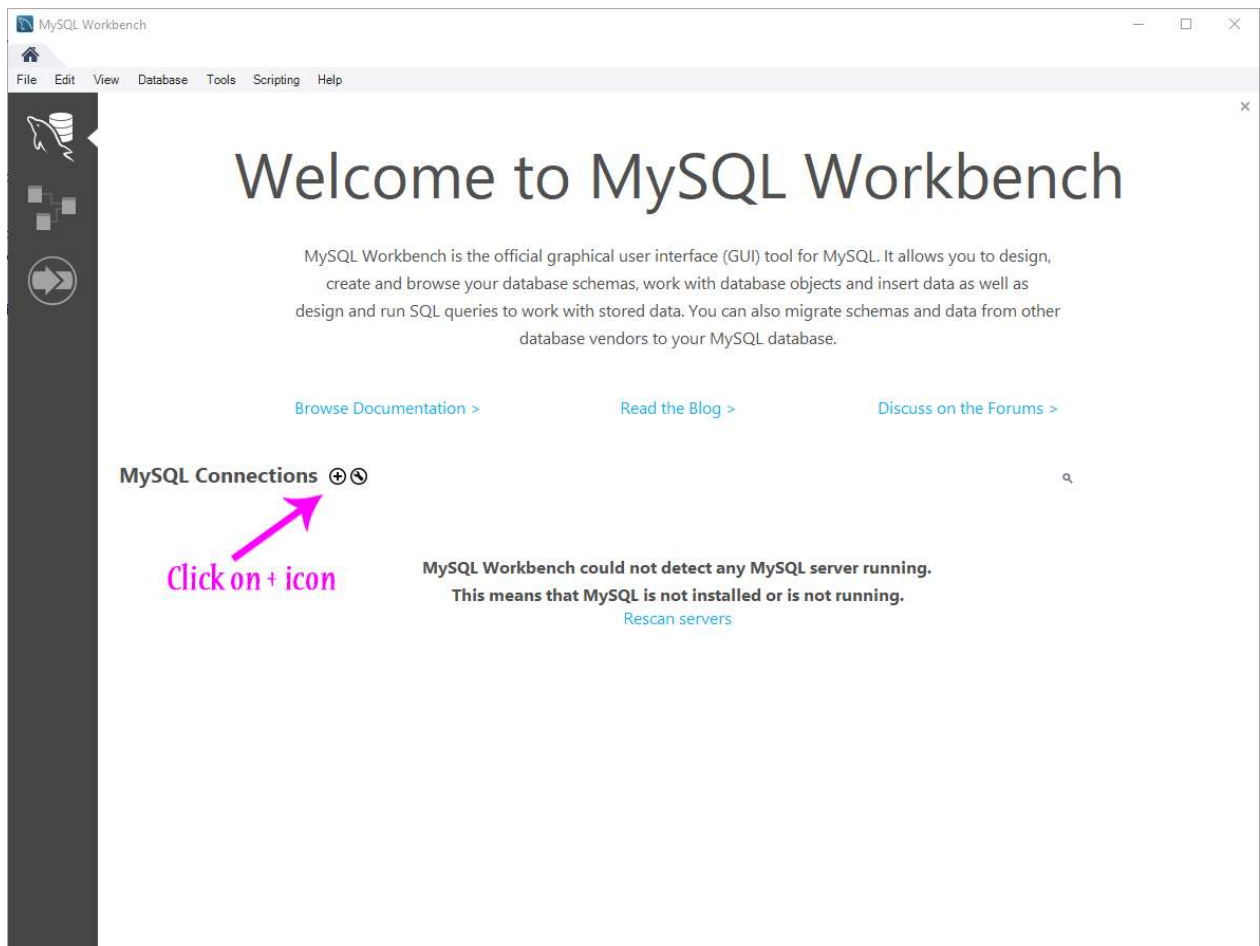
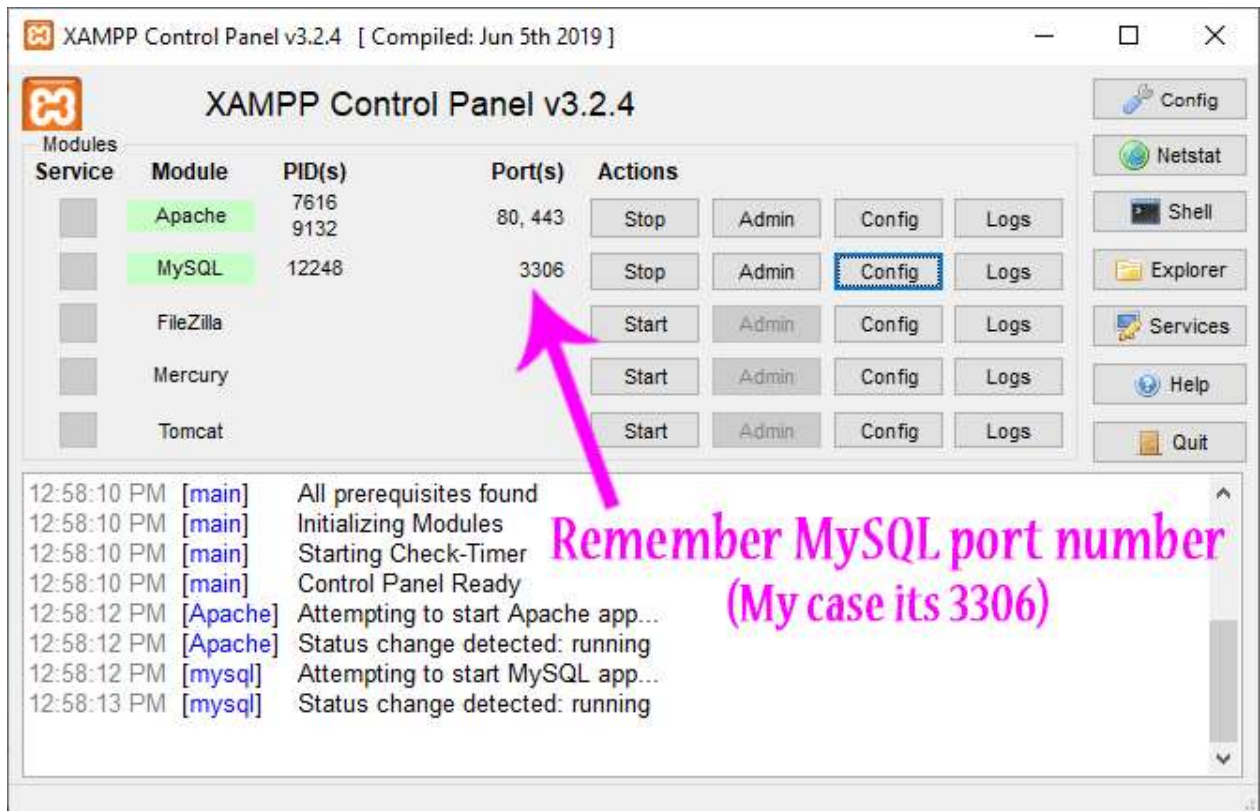Não encontrou uma resposta? Pergunte em Stack Overflow em Português.   ✕

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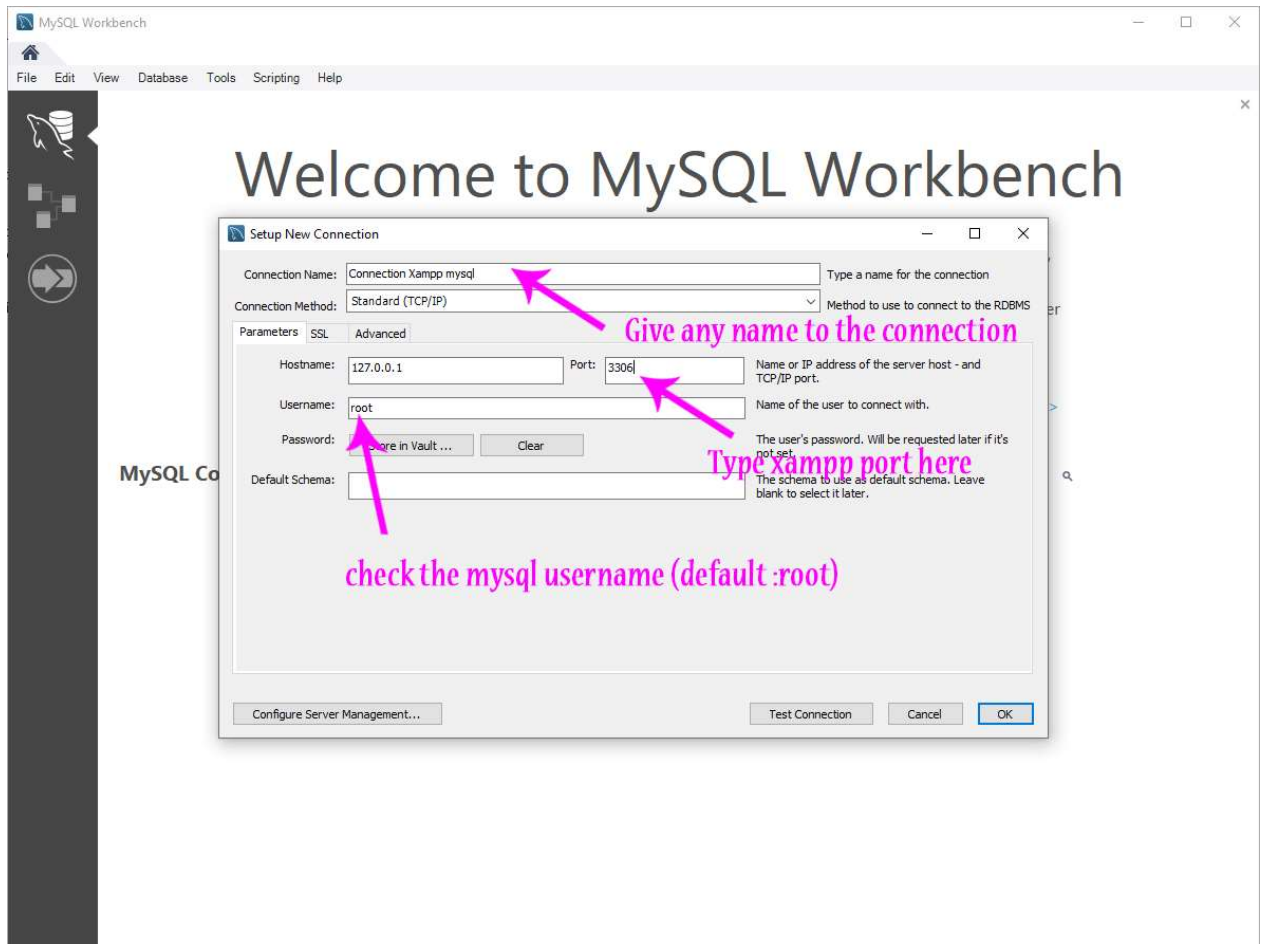23   This is the way I have used to connecting MySQL workbench to Xampp MySQL.
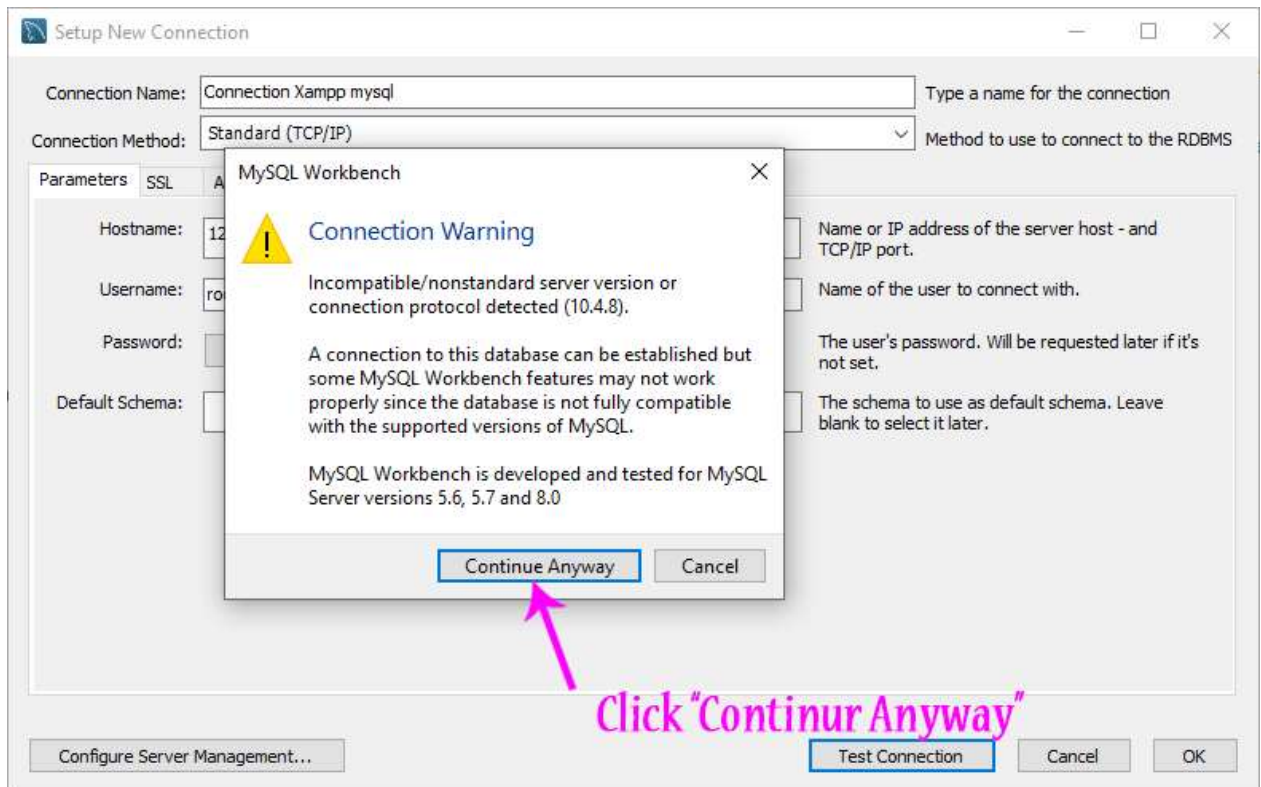
01) Click on the Plus icon.

02) Check the Xampp MySQL port number.

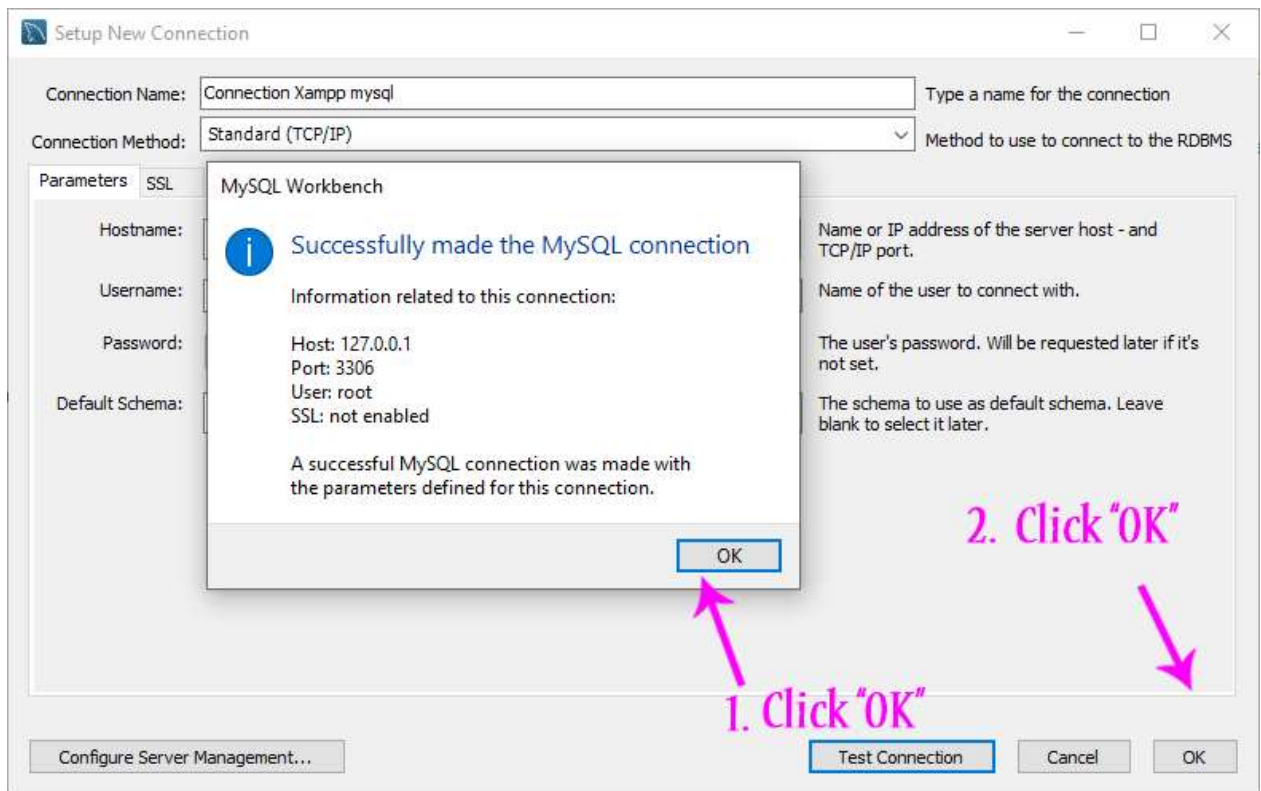03)Type the connection name and check the port number with your Xampp MySql port number.

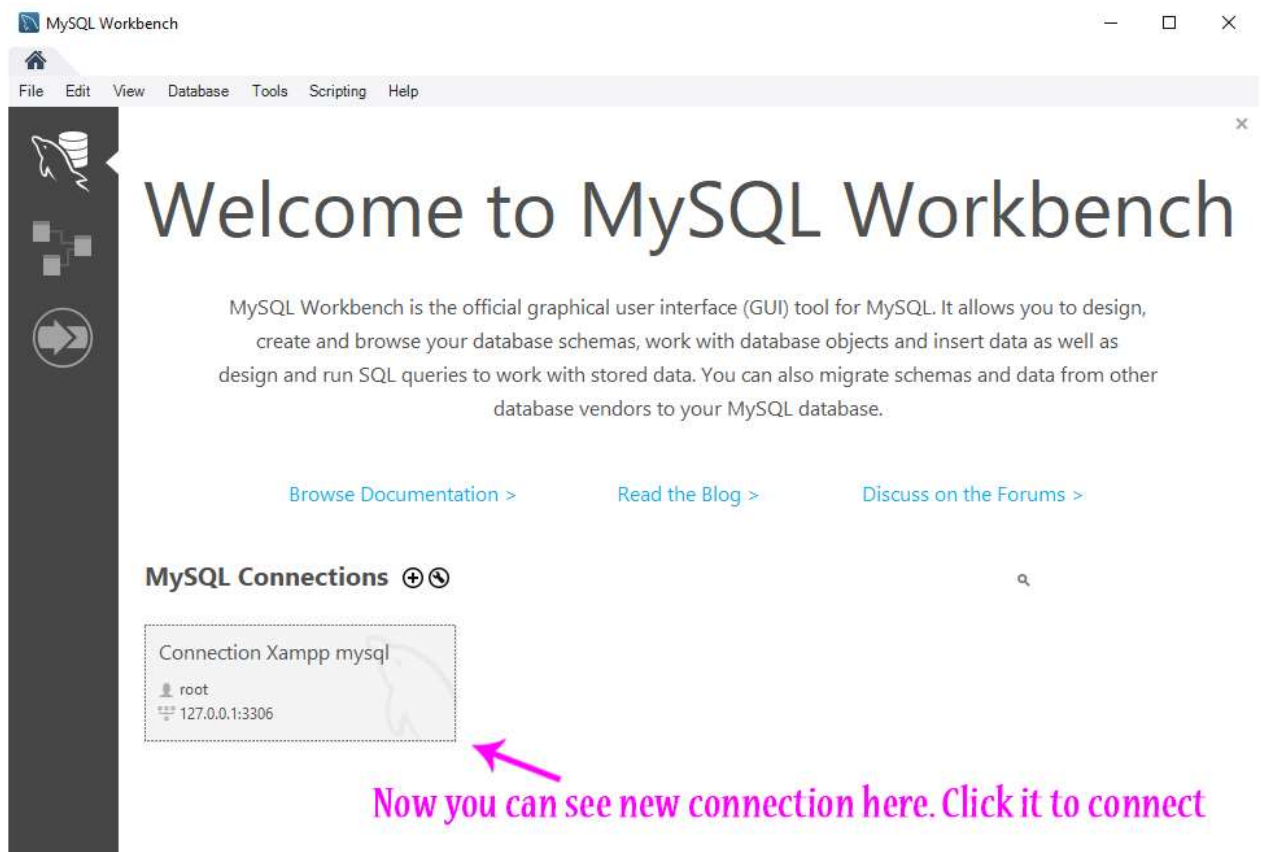04) Click on the "Continue Anyway" button.

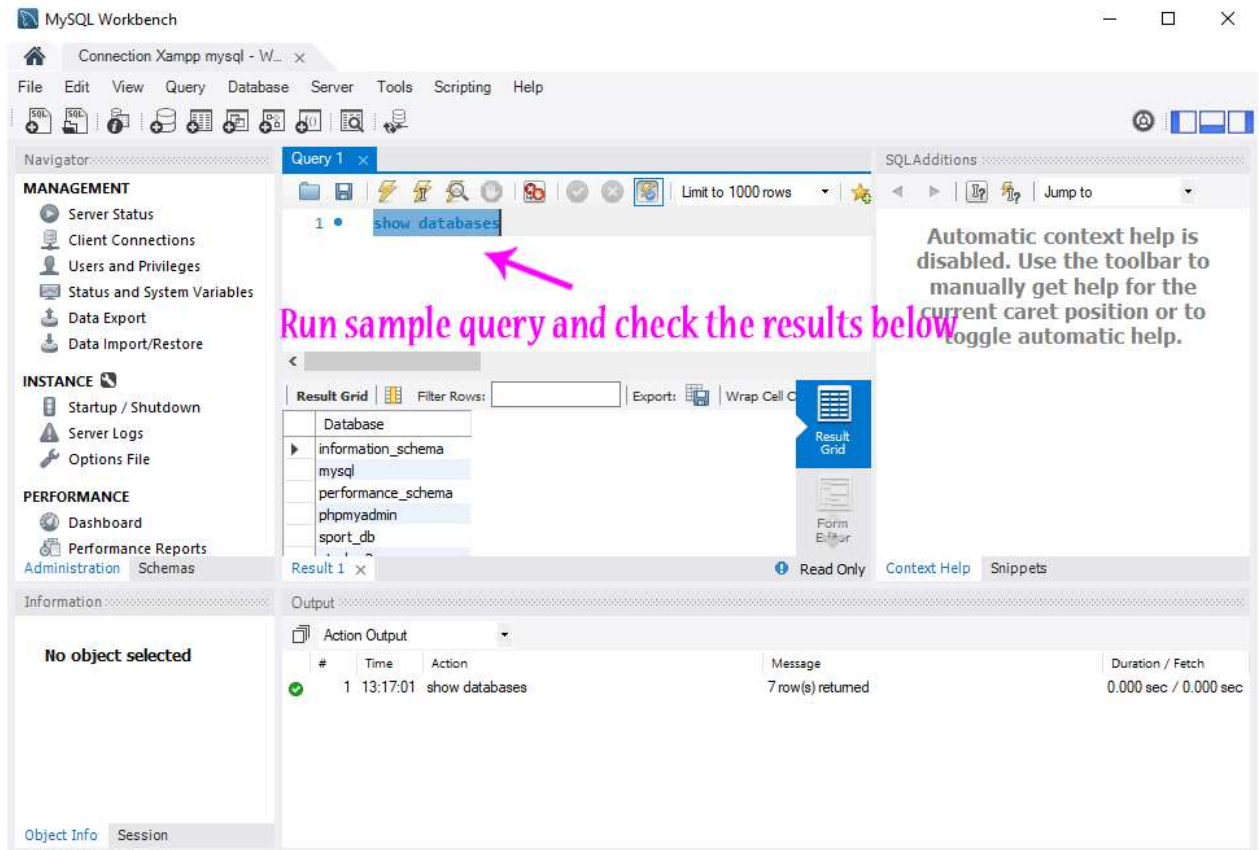05) Then click on the "OK" button to save the connection.

06) Now you can see the connection you just created and click on it to connect to the MySQL database.

07) Just try to run some SQL code to if properly connected to Xampp Mysql.

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I finally find solution on mac:

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Notice that XAMPP server works on virtue machine inside with debian system and MoriaDB, so if you'd like to run Mysql WorkBench on MacOS outside, you must not use `127.0.0.1` or `localhost` as host name.

Please check your ip address of XAMPP on its panel `General` tab, mainly like `192.xxx.xxx.x` , **this is your host name!**

And if you disable or uninstall mysql in your system, you can safely use default **port 3306**, or if you must use both XAMPP and local version, modify one pls.

Then, when it comes to user part, **do not use root!** Please add a new user in phpMyAdmin with hostname `%` , or open XAMPP terminal and use mysql instructions.

After filling all those above, Mysql will be able to start (although with warning, you can ignore it).

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This partially solved my problem, but now it turns out MySQL workbench and MariaDB don't get along, so while I'm able to see the DBs, I can't actually do anything with them and get an error "Tables could not be fetched - Error loading schema content". I'll add a new comment if I solve that issue – Robin Oct 3, 2022 at 17:09

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The way I 'fixed' this issue was to install an older version of xampp (5.4x) which ships with mysql, not mariadb. Before the install, I dumped all my dbs into a file and then imported them again after the install. Through XAMPP/phpMyAdmin I could see the fresh database. I tried to connect with MySQL Workbench and walla!

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answered Sep 3, 2019 at 19:07

Kinglish
22.9k   3   23   43

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If you are on Ubuntu, run this command on terminal

```
sudo /opt/lampp/bin/mysql_upgrade
```

and then follow @prasadgayan 's answer above.

Note: It is a slight chance that your mysql_upgrade be in some other directory. If that's the case, run it from that path.

Please comment, if something similar work for Windows as well.
Namaste🙏

Reference: Tables could not be fetched - Error loading schema content

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answered Feb 8, 2021 at 3:18

Deepam Gupta
2,198   1   28   32

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Normally the issue is that one is trying to use root as a user, which is somewhat prohibited. So just create a new user with the correct access privileges granted. Here's a solution, that worked on a Mac (but should be relevant to most OS's).

Start the XAMPP stack. For simplicity, open phpMyAdmin, by default accessible via 127.0.0.1:80/phpmyadmin/ or 127.0.0.1:80/phpmyadmin/ locally. In case needed, log in with the username *root* and an empty password field. Create or pick a database for the user, to grant access to, for example "test_db". Enter the following in any SQL prompt (which normally can be executed by pressing [ctrl] + [enter]):

```
create user userbob identified by 'Pass2bob!';
grant all privileges on test_db.* to userbob@localhost;
```

Note your Xampp IP-adress which tends to default to "192.168.64.2" and port 3306. Now you should be able to access that database.

I tested the connection with some PHP-code, which I included here and might come handy for someone. 3306 is default as MySQL/Maria the database port, but I left it here in case someone, sometime, have to use a different port.

```php
<?php
$con = mysqli_connect("192.168.64.2","userbob","Pass2bob!","test_db", 3306);
if (mysqli_connect_errno()) { echo "Failed to connect to MySQL: " .
mysqli_connect_error(); }
?>
```

Share Improve this answer Follow   edited May 10, 2022 at 9:13   answered May 10, 2022 at 8:48

K. Kilian Lindberg
2,888   23   30