

How can I solve "Error: MySQL shutdown unexpectedly"? [closed]

Asked 11 years, 4 months ago Modified 2 months ago

Viewed 2.6m times



568



Closed. This question is [not about programming or software development](#). It is not currently accepting answers.

💡 This question does not appear to be about [a specific programming problem, a software algorithm, or software tools primarily used by programmers](#). If you believe the question would be on-topic on [another Stack Exchange site](#), you can leave a comment to explain where the question may be able to be answered.

Closed 9 months ago.

The community reviewed whether to reopen this question 9 months ago and left it closed:

Original close reason(s) were not resolved

[Improve this question](#)

When I open XAMPP and click the start MySQL button, it gives me an error. I had started it just before, but now it isn't working.

12:19:12 PM [mysql] Attempting to start MySQL app...

12:19:12 PM [mysql] Status change detected: running

12:19:13 PM [mysql] Status change detected: stopped

12:19:13 PM [mysql] Error: MySQL shutdown unexpectedly.

12:19:13 PM [mysql] This may be due to a blocked port, missing dependencies,

12:19:13 PM [mysql] improper privileges, a crash, or a shutdown by another method

12:19:13 PM [mysql] Press the Logs button to view error logs and check

12:19:13 PM [mysql] the Windows Event Viewer for more clues

12:19:13 PM [mysql] If you need more help, copy and post this

12:19:13 PM [mysql] entire log window on the forums

Here is the contents of the error log:

2013-08-02 12:19:12 4536 [Note] Plugin 'FEDERATED' is disabled.

2013-08-02 12:19:12 f64 InnoDB: Warning: Using innodb_additional_mem_pool_size is DEPRECATED. This option may be removed in future releases, together with the option innodb_use_sys_malloc and with the InnoDB's

internal memory allocator.

2013-08-02 12:19:12 4536 [Note] InnoDB: The InnoDB memory heap is disabled

2013-08-02 12:19:12 4536 [Note] InnoDB: Mutexes and rw_locks use Windows interlocked functions

2013-08-02 12:19:12 4536 [Note] InnoDB: Compressed tables use zlib 1.2.3

2013-08-02 12:19:12 4536 [Note] InnoDB: Not using CPU crc32 instructions

2013-08-02 12:19:12 4536 [Note] InnoDB: Initializing buffer pool, size = 16.0M

2013-08-02 12:19:12 4536 [Note] InnoDB: Completed initialization of buffer pool

2013-08-02 12:19:12 4536 [Note] InnoDB: Highest supported file format is Barracuda.

2013-08-02 12:19:12 4536 [Note] InnoDB: The log sequence numbers 0 and 0 in ibdata files do not match the log sequence number 1616798 in the ib_logfiles!

2013-08-02 12:19:12 4536 [Note] InnoDB: Database was not shutdown normally!

2013-08-02 12:19:12 4536 [Note] InnoDB: Starting crash recovery.

2013-08-02 12:19:12 4536 [Note] InnoDB: Reading tablespace information from the .ibd files...

The most important error message is here:

2013-08-02 12:19:12 4536 [ERROR] InnoDB:
Attempted to open a previously opened
tablespace. Previous tablespace
mysql/innodb_table_stats uses space ID: 1 at
filepath: *.\mysql\innodb_table_stats.ibd*. Cannot
open tablespace *xat/payments* which uses space
ID: 1 at filepath: *.\xat\payments.ibd*

The rest of the log:

InnoDB: Error: could not open single-table
tablespace file *.\xat\payments.ibd*
InnoDB: We do not continue the crash recovery,
because the table may become
InnoDB: corrupt if we cannot apply the log
records in the InnoDB log to it.
InnoDB: To fix the problem and start mysqld:
InnoDB: 1) If there is a permission problem in the
file and mysqld cannot
InnoDB: open the file, you should modify the
permissions.
InnoDB: 2) If the table is not needed, or you can
restore it from a backup,
InnoDB: then you can remove the *.ibd* file, and
InnoDB will do a normal
InnoDB: crash recovery and ignore that table.
InnoDB: 3) If the file system or the disk is broken,
and you cannot remove
InnoDB: the *.ibd* file, you can set
innodb_force_recovery > 0 in *my.cnf*

InnoDB: and force InnoDB to continue crash recovery here.

What is the cause of these errors and how can I rectify them?

mysql

apache

xampp

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edited Sep 29 at 6:49



Mahdi Bashirpour

18.7k ● 16 ● 129 ● 151

asked Aug 2, 2013 at 17:27



Austin

5,717 ● 3 ● 14 ● 11

I just deleted info files in my xampp\mysql\data\ folder and it works for me. – [Asim Sajjad](#) Jul 7, 2023 at 7:16

- 3 What is the gist of this? A TCP/IP port number conflict with some other software is causing it, and the solution is to change to another port number? Why doesn't any of the answers state this? Why does it need 100 answers?
– [Peter Mortensen](#) Nov 12, 2023 at 1:57 ✎
 - 2 @PeterMortensen And how is (now "was") it still open after all these years? The fact that XAMPP is a "programming tool" doesn't make every basic MySQL Server issue on-topic :-/
– [NotTheDr01ds](#) Mar 28 at 6:18 ✎
-

Maybe the port 3306 is used; you try to execute this command on "command prompt" or PowerShell : npx kill-port

89 Answers

Sorted by:

Highest score (default)



1

2

3

Next



Important: do **not** delete the `ibdata1` file. You could destroy all your databases.

2139

Instead, first try using the **MySQL backup folder** which is included with XAMPP. So do next steps:



+50



1. Rename folder `mysql/data` to `mysql/data_old`
2. Make a copy of `mysql/backup` folder and name it as `mysql/data`
3. Copy all your database folders from `mysql/data_old` into `mysql/data` (except `mysql`, `performance_schema`, and `phpmyadmin` folders)
4. Copy `mysql/data_old/ibdata1` file into `mysql/data` folder
5. Start MySQL from XAMPP control panel

And, voilà!

As mentioned by some users, this is an emergency solution, not a permanent one. After recovering your data is **strongly recommended** to back it up, and reinstalling XAMPP, because the failure is related to a malfunction from some of the files of XAMPP, not the databases.

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edited Oct 26, 2023 at 14:31



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered May 17, 2020 at 22:20



Fabrizio Valencia

22k ● 4 ● 18 ● 19

-
- 8 I also had to copy back the files `ib_logfile0` and `ib_logfile1` to prevent this kind of errors showing up in the log: [ERROR] InnoDB: Page [page id: space=1, page number=3] log sequence number 10638137774 is in the future! Current system log sequence number 1792801. [ERROR] InnoDB: Your database may be corrupt or you may have copied the InnoDB tablespace but not the InnoDB log files. Please refer to mariadb.com/kb/en/library/innodb-recovery-modes for information about forcing recovery. This stackoverflow.com/a/20617180/867327 refers to `innodb_force_recovery` – [patrox](#) Jul 9, 2020 at 7:42 ✎
-
- 72 I've resorted to this answer sooo many times that I even wrote a PowerShell script to automate the process: gist.github.com/josemmo/24e35f2b4984a4370ce2c164f5956437 – [josemmo](#) Aug 28, 2020 at 18:50 ✎
-
- 4 As per [@josemmo](#) gist, it's important to note to exclude `mysql`, `performance_schema`, `phpmyadmin` when copying directories to `mysql/data` – [claw68](#) Sep 13, 2020 at 5:08
-
- 2 It did work, but I deleted `ibdata1` file based on incorrect advice above. Now I lost all of my tables. I've got only table names with no content inside. Is there any way to recover the `ibdata1` that I deleted? – [Brian](#) Sep 13, 2020 at 17:46
-
- 7 No use, still keep repeating the same issue after few days. – [Thirsty Six](#) Apr 29, 2022 at 5:39
-



Important: Deleting this file may render any existing MySQL data *unusable*. Use with caution

251

I just did this and it worked:



1. *exit* Xampp server
2. go to your `C:\xampp\mysql\data` directory
3. *delete* the `ibdata1` file
4. *restart* xampp server



It should work.

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edited Oct 26, 2023 at 13:08



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Aug 10, 2013 at 13:14



Kratos

3,023 ● 1 ● 13 ● 2

53 This works and should likely be marked as the correct answer. However *rename* the file to `ibdata1.bak` rather than delete it. Just to be save. – Lorenz Lo Sauer Sep 3, 2013 at 12:13 ✎

26 This will, of course, destroy all the data which was stored in that file (all the InnoDB tables which were created before setting `innodb_file_per_table` to enabled). The methods suggested in the log message seem suprtior to me. – Tgr Oct 12, 2013 at 10:50

18 I also had to delete `ib_logfile0` and `ib_logfile1` to get it to work – [Allan Macmillan](#) Jun 19, 2014 at 18:58

16 Ouch! Blowing away `ibdata1` is equivalent to losing all your data (or at least all that are `ENGINE=InnoDB` !
– [Rick James](#) Mar 14, 2017 at 4:16

36 The most upvoted unexplained reckless thing you can do
– [user10089632](#) Jan 14, 2018 at 10:36



Aug 2023

152

Disclaimer



Although many people said 'it worked' and very few say 'it didn't'.



It is hard to say what could be the cause and it is not working. Personally, the solution provided below worked for me and I didn't get any issues so far hence I am sharing this.

I don't suggest uninstalling, so you can basically back up the file and try this solution. If it doesn't work then place those files again.

Worked on other versions

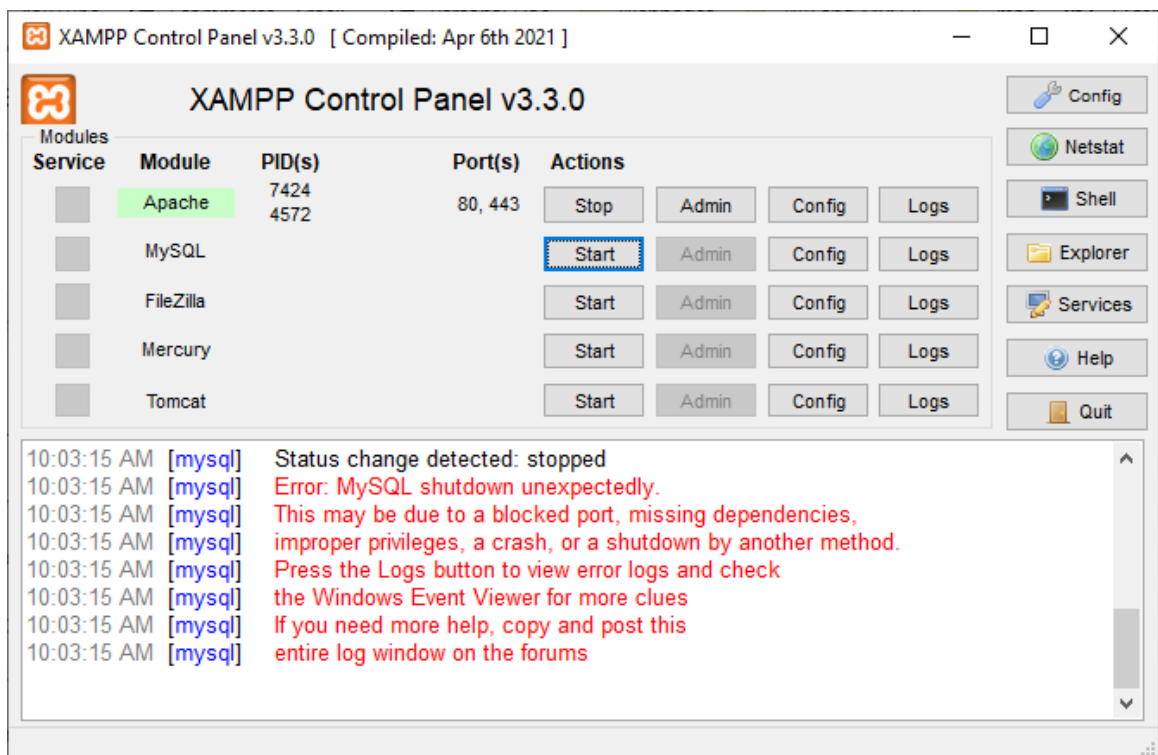
This issue works on other XAMPP versions too. I have not tested personally, but some users have. *(If you have tested on a different version, let me know in the comment, I will add it here)*

- XAMPP v8.1.6 - Saeid Z
- XAMPP v7.4.16 - CapelliC
- XAMPP v3.3.0 - Myself

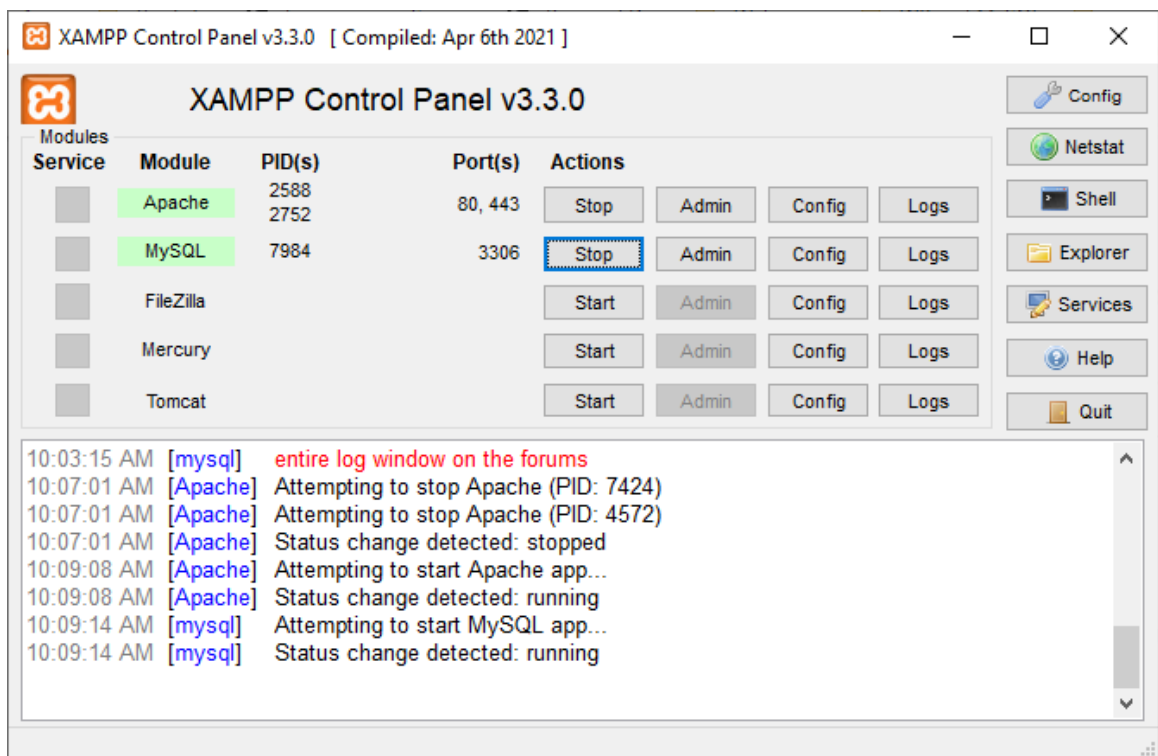
Feb 2022 (Problem)

*I had the same problem today (2 Feb 2022). I fixed this using the same solution I mentioned below (See **Dec 2021 (Solution)**)*

XAMPP Issue Screenshot



XAMPP Fixed



Dec 2021 (Solution)

Since this question is active continuously, I will try my best to solve it.

My issue

I visit this post every time this issue happens. The only thing I tried was that I uninstalled XAMPP and reinstalled it, which fixed the problem. That was on my old system.

I am using Windows 10 brand new without any unwanted software or issues, and I got this unexpected shutdown again after a long time. I came to this question, hoping someone would tell me actually what was going on instead of fixing these issues. But unfortunately, I could not find it.

Just to clarify, my new issue is not with

- port
- unexpected shutdown
- windows stuck
- unwanted software
- virus or malware.

One day I turned on XAMPP, and it stops working.

Method 1 (22 Dec 2021)

1. Stop MySQL.
2. Go to the `C:/xampp/mysql` directory and copy the `data` folder and keep it somewhere else (probably in another drive) as a backup.
3. Go to your original `data` folder (`C:/xampp/mysql`) and sort the files by 'Type.'
4. Select the files that have the type `INFO File` and delete them (screenshot below).
5. Start MySQL. It should work now.

Method 1 Screenshot

my	21-Oct-19 3:47 PM	Configuration sett...	1 KB
aria_log_control	22-Dec-21 10:07 AM	File	1 KB
ib_buffer_pool	22-Dec-21 10:07 AM	File	2 KB
ib_logfile0	22-Dec-21 10:07 AM	File	5,120 KB
ib_logfile1	22-Dec-21 10:07 AM	File	5,120 KB
ibdata1	22-Dec-21 10:07 AM	File	77,824 KB
mysql-relay-bin-2021@002d11@002d15...	22-Dec-21 10:07 AM	INDEX File	1 KB
mysql-relay-bin-2021@002d11@002d15...	22-Dec-21 10:07 AM	INDEX File	4 KB
mysql-relay-bin-2021@002d11@002d15...	22-Dec-21 10:07 AM	INDEX File	3 KB
mysql-relay-bin-version@003a@0020@0...	22-Dec-21 10:07 AM	INDEX File	4 KB
master-2021@002d11@002d15@002019...	22-Dec-21 10:07 AM	INFO File	1 KB
master-2021@002d11@002d15@002019...	22-Dec-21 10:07 AM	INFO File	1 KB
master-2021@002d11@002d15@002019...	21-Dec-21 10:48 AM	INFO File	1 KB
master-version@003a@0020@002710@0...	22-Dec-21 10:07 AM	INFO File	1 KB
multi-master.info	15-Nov-21 7:30 PM	INFO File	1 KB
relay-log-2021@002d11@002d15@00201...	22-Dec-21 10:07 AM	INFO File	1 KB
relay-log-2021@002d11@002d15@00201...	22-Dec-21 10:07 AM	INFO File	1 KB
relay-log-2021@002d11@002d15@00201...	21-Dec-21 10:48 AM	INFO File	7 KB
relay-log-version@003a@0020@002710...	22-Dec-21 10:07 AM	INFO File	3 KB
mysql_error	22-Dec-21 10:07 AM	Text Document	59 KB

Important

Not necessarily the solution above will always fix the issue. Sometimes it will not. To avoid the major risk of losing the data, try these.

- **Turn on MySQL** in the Control Panel **ONLY IF NEEDED**.
- **DO NOT** set the **XAMPP Control Panel** to turn it on windows startup.
- **Back up DB** whenever possible. If not try to back up every weekend.
- **Wait until Apache loads completely**. When you turn on Apache it takes a few sec to load (indicated by the hour glass). Once it is loaded you turn on MySQL. - *updated on Aug 2023*

PS: I will try to update this answer whenever the above method(s) don't work. I will try to explain it in the simplest

way possible without uninstalling XAMPP.

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edited Oct 26, 2023 at 14:40



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Dec 22, 2021 at 5:56



Dexter

9,254 ● 4 ● 46 ● 46

4 Still the same error occur – [Merbin Joe](#) Mar 18, 2022 at 4:43

1 Worked for me, running xampp 7.4.16 – [CapelliC](#) Mar 20, 2022 at 17:48

1 @Mustafasabir I still have all the data after doing this.
– [Dexter](#) Jun 22, 2022 at 10:33

3 Thanks, worked for me in xampp v8.1.6 . Please summarize it a little :) – [Saeid Z](#) Jul 12, 2022 at 15:55

3 Worked for me in xampp v3.3.0. Thank you so much
– [Albert Ruelan](#) Jul 19, 2022 at 9:44



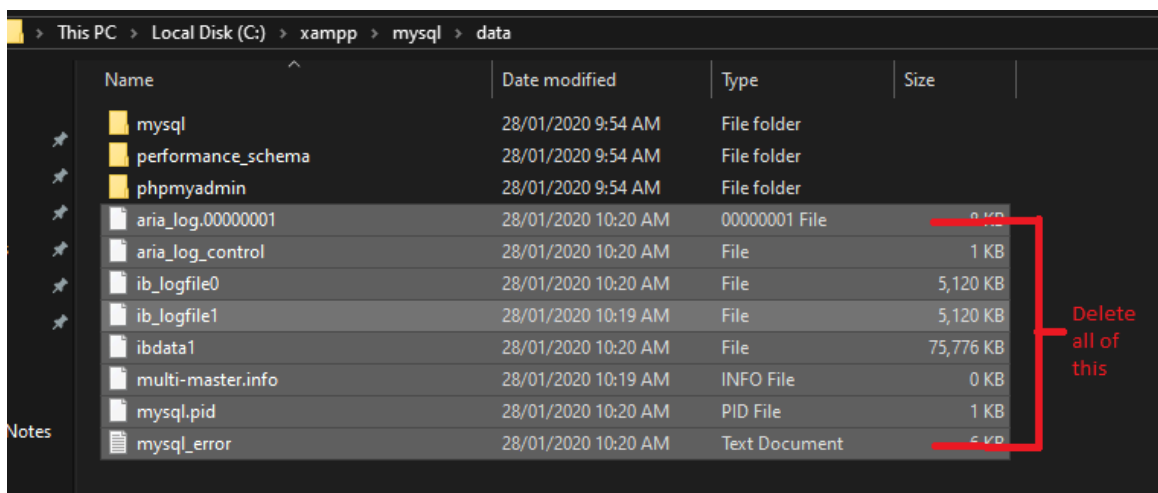
If the previous answers are not working, you can try deleting all the files in data, except for the folder

94



Go to the directory: `C:\xampp\mysql\data` and delete the following files:





After that, go to the directory `C:\xampp\mysql\bin` and open `my.ini` in a text editor. It will look like this:

```
#
# In this file, you can use all long options that a program supports.
# If you want to know which options a program supports, run the program
# with the "--help" option.

# The following options will be passed to all MySQL clients
[client]
# password          = your_password
#port               = 3306
port               = 8111
socket             = "C:/xampp/mysql/mysql.sock"

# Here follows entries for some specific programs

# The MySQL server
[mysqld]
#port= 3306
port= 8111
socket = "C:/xampp/mysql/mysql.sock"
basedir = "C:/xampp/mysql"
tmpdir = "C:/xampp/tmp"
datadir = "C:/xampp/mysql/data"
pid_file = "mysql.pid"
```

Then delete comment out the port 3306 and change it to 8111. Then, run xampp with administrator privileges and it will work.

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edited Oct 26, 2023 at 13:40

Follow



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Jan 28, 2020 at 2:36



Mathew Magante

1,387 ● 5 ● 20 ● 28



Working solution: Follow the below listed steps

80



Step 1. Rename the folder `C:\xampp\mysql\data` to `C:\xampp\mysql\data_bkp` (you can use any name).



Step 2. Create a new folder, `C:\xampp\mysql\data`.



Step 3. Copy the content that resides in `mysql\backup` to the new `mysql\data` folder.

Step 4. Copy all your database folders that are in `mysql\data_bkp` to `mysql\data` (skipping the `mysql`, `performance_schema`, and `phpmyadmin` folders from `mysql\data_bkp`).

Important note: Please do not replace the existing files while pasting (click skip for these files)

✓ Replace the files in the destination

↶ Skip these files [click this](#)

📁 ✓ Let me decide for each file

Step 5. Finally copy the *ibdata1* file from *mysql\data_bkp* and replace it inside the *mysql\data* folder.

Step 6. Start MySQL from XAMPP control panel.

And, it's **done**. No databases were lost, no ports changed, no run as administrator, no force recovery, no kill mysqld process, no restoring from previous versions, and no more errors.

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edited Dec 4, 2023 at 19:52



[Peter Mortensen](#)

31.6k ● 22 ● 109 ● 133

answered May 28, 2021 at 6:47



[Rohit Saini](#)

967 ● 8 ● 13

1 Although this step works but makes sure you test it out. If you have an existing database table, **it will all break**. If you have a new installation of XAMPP then this might help you.

– [Dexter](#) Sep 8, 2021 at 1:55 ✎

1 It works for me. No database lost. One of the best answer.

– [Albert George](#) Nov 9, 2022 at 7:07

-
- 1 Only this post has solved my Mysql problem. Best one here.
Thanks so much, man. – [mowx](#) Jan 5, 2023 at 12:47
-
- 2 Your welcome @mowx . We rise by lifting other. – [Rohit Saini](#)
Jan 5, 2023 at 15:01
-
- 2 This post solves my case. But it deleted all my BDs user
accounts, so keep in mind we have to create them again
(with their privileges). – [quinqui](#) Nov 24, 2023 at 14:24
-



49



Simple solution: Open the shell from the XAMPP Control Panel:

```
mysqld --console --skip-grant-tables --skip-external-l
```

Then again open another shell and run

```
mysqlcheck -r --databases mysql --use-frm
```

Now close both shells and restart the XAMPP.

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edited Nov 12, 2023 at 1:52



[Peter Mortensen](#)

31.6k ● 22 ● 109 ● 133

answered Sep 16, 2022 at 5:59



[Yasir Ijaz](#)

1,023 ● 1 ● 16 ● 20

-
- 4 This is the only (and simplest) answer that worked for me.
– [smolo](#) Oct 5, 2022 at 16:16
-

What nonsense is this? If I'm not able to start MySQL server then how this "mysqlcheck -r --databases mysql --use-frm" will work? 😂 – [Sk Suraj](#) Apr 8, 2023 at 6:36

This worked like a charm for me as well. So glad I could use some mysql commands to do the needed repairs directly, rather than fancy file manipulation involving the backup folder and hoping I didn't screw it up! – [John Larson](#) Dec 22, 2023 at 15:10

@SkSuraj Try it. It will work. – [Yasir Ijaz](#) Dec 24, 2023 at 14:57

mysqlcheck: Got error: 2002: Can't connect to MySQL server on 'localhost' (10061) when trying to connect – [Moeez](#) May 30 at 9:48



48



1. Go to **mysql/data/**
2. Delete all random files (except the actual database folders)
3. Restart **Apache** and **MySQL**.



It should fix it.



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[edited Jan 21, 2016 at 13:06](#)


Follow

answered Jan 21, 2016 at 12:55



[Kerim Tim.](#)

1,159 ● 12 ● 13

-
- 25 It deleted all my data. There was a lot of data. – [Paras](#) Mar 17, 2017 at 11:08
-
- 19 I confirm that deleting files will make all DB unusable. Table files are there but they can't display. – [Adrian P.](#) Apr 25, 2018 at 0:27 
-
- No Luck... Still having the same issue. – [Thirsty Six](#) Feb 28, 2022 at 5:28
-
- 9 Dont TRY this! 100% deletes all your databases, – [Anirudh babbar](#) Jul 12, 2022 at 9:47
-
- 1 Why is this answer upvoted? – [mrconcerned](#) Dec 9, 2022 at 9:16
-



42



UPDATE APRIL (2022)

1. Rename folder ***mysql/data*** to ***mysql/data_old***
2. Make a copy of ***mysql/backup*** folder and name it as ***mysql/data***
3. Copy all your database folders and mysql folder from ***mysql/data_old*** into ***mysql/data***
4. Copy ***mysql/data_old/ibdata1*** file into ***mysql/data*** folder

Start MySQL from XAMPP control panel

REFERENCE

https://www.youtube.com/watch?v=ipMedkjMupw&ab_channel=GeekyScript

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edited Apr 6, 2022 at 0:58

Follow

answered Apr 6, 2022 at 0:52



John Nico Novero

645 ● 6 ● 10

4 It is working for me. I have faced this problem second time.

– Bhavin Thummar May 11, 2022 at 7:18

1 this might be the answer i'm looking for. thanks!

– Jonathan Jeshua Laniba Mar 10 at 5:17

1 It is a working solution – Toton Jul 31 at 5:58

best answer, works for me on windows 11 in 2024

– Mohit Rane Sep 8 at 10:01



Just follow two steps

38



1. go to xampp\mysql\backup copy everything from backup folder

2. go to xampp\mysql\data paste everything in data folder copied from backup folder

3. Thats all.



Also follow the video description to fix without losing any data:

<https://www.youtube.com/watch?v=hB1wshpP3Jc>

Or follow the article description to fix without losing any data:

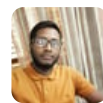
<https://webjourney.dev/error-mysql-shutdown-unexpectedly-solve-without-loosing-any-data-webjourney>

Share Improve this answer

edited Dec 17, 2022 at 17:06

Follow

answered Sep 16, 2021 at 7:30



Nazmul Hoque

970 ● 11 ● 10

This answer will fix the above error but will also cause another error, your django migration table in your database will disappear, thus you'll get the error `django_migration table does not exist` – [C-Bizz](#) Oct 20, 2021 at 3:32

This is because you have delete ibdata1 form your data directory. I have also mentioned follow the description link for solve without losing any data. – [Nazmul Hoque](#) Oct 20, 2021 at 5:30



25



When you're **not** running XAMPP as an administrator, shutting down MySQL frequently causes corruption which means you have to repair or delete your tables. To avoid this you need to either run XAMPP as an administrator, or use the proper command prompt method for shutting down MySQL.



You can delete `ibdata1` as Kratos suggests, but this can leave you with a broken database as other pieces of your

database are still in the `/mysql/data/` folder. In my case, this residual data stopped me successfully installing WordPress.

A cleaner way of undoing the damage is to revert your whole `/mysql/data/` folder. Windows has built-in folder versioning — right click on `/mysql/data/` and select `Restore previous versions`. You can then delete the current contents of the folder and replace it with the older version's contents.

Addendum: To ensure that you don't forget to run XAMPP as an administrator you can right click the XAMPP shortcut, go to `Properties`, then `Advanced`, and finally tick `Run as administrator`.

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answered Nov 7, 2013 at 15:37



[Ryan Williams](#)

705 ● 6 ● 11

1 This should be accepted as correct answer. If you remove ibdata1, there will be tons of orphaned tables. – [sean](#) Mar 3, 2015 at 20:05

Thanks, you fixed my problem after trying a ton of different things. – [Bryan Miller](#) Dec 23, 2015 at 21:42

also fixed issue for me – [Gaz Smith](#) Apr 29, 2019 at 8:36

Nice explannation :D Thank you. – [logbasex](#) Jun 4, 2020 at 3:21

The 'Restore previous versions' option only works if you regularly create Restore Points in Windows. :(– [nockieboy](#) Jun 9, 2020 at 9:04



23

I have tried all of the previous answers, but it didn't work for me. So finally I tried the below approach and it worked 100% for me.



If you are worried about following the below steps, you can take a **backup** of the entire XAMPP folder for the safe side.



Step 1: Rename the c:\xampp\mysql\data folder to c:\xampp\mysql\data_bkp

Step 2: Create a new folder c:\xampp\mysql\data.

Step 3: Copy the content, that is present inside c:\xampp\mysql\backup to the new c:\xampp\mysql\data folder.

Step 4: Copy all your database folders

c:\xampp\mysql\data_bkp to c:\xampp\mysql\data (**Note: Don't copy mysql, performance_schema, and phpmyadmin folders**).

Step 5: Copy the ibdata1 file from

c:\xampp\mysql\data_bkp and replace it inside the c:\xampp\mysql\data folder.

Step 6: Start MySQL from the XAMPP control panel.

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edited Dec 4, 2023 at 21:10



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Mar 6, 2022 at 10:50



Soubhagya Kumar Barik

2,555 ● 24 ● 31

Thanks, @haider. be careful while doing the above steps.

– [Soubhagya Kumar Barik](#) Mar 12, 2022 at 13:28 ✎

1 Thanks I am exploring from last 2 hours, you save my time.

– [Assad Yaqoob](#) Mar 28, 2022 at 17:43

does not work for me – [Muhammad Sarmad Mahmood Malik](#)
Oct 8, 2022 at 8:55

May I know what exactly you are facing

@MuhammadSarmadMahmoodMalik

– [Soubhagya Kumar Barik](#) Apr 12 at 16:52

That worked for me too! – [Nur Uddin](#) Oct 23 at 7:02



Recovering a crashed Database

22

Instead, first try using the MySQL backup folder which is included with XAMPP. So do the next steps:



Rename folder mysql/data to MySQL/data_old



Make a copy of MySQL/backup folder and name it as MySQL/data



Copy all your database folders from MySQL/data_old into mysql/data (except MySQL, performance_schema, and phpmyadmin folders)

Copy MySQL/data_old/ibdata1 file into mysql/data folder

Start MySQL from the XAMPP control panel

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edited Mar 13 at 6:03

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answered Oct 14, 2022 at 9:40



Charles Thembo

626 ● 6 ● 7

2024 - worked for me – [Linesofcode](#) Apr 7 at 15:25



Never delete this file (`ibdata1`), because all your data will be deleted!!!

17

I suggest three ways:



A:

1. Exit from the XAMPP control panel.
2. Rename the folder `mysql/data` to `mysql/data_old` (you can use any name)
3. Create a new folder, `mysql/data`
4. Copy the content that resides in `mysql/backup` to the new `mysql/data` folder
5. Copy all your database folders that are in `mysql/data_old` to `mysql/data` (skipping the *mysql*, *performance_schema*, and *phpmyadmin* folders from *data_old*)
6. Finally copy the `ibdata1` file from *mysql/data_old* and replace it inside *mysql/data* folder
7. Restart your system.

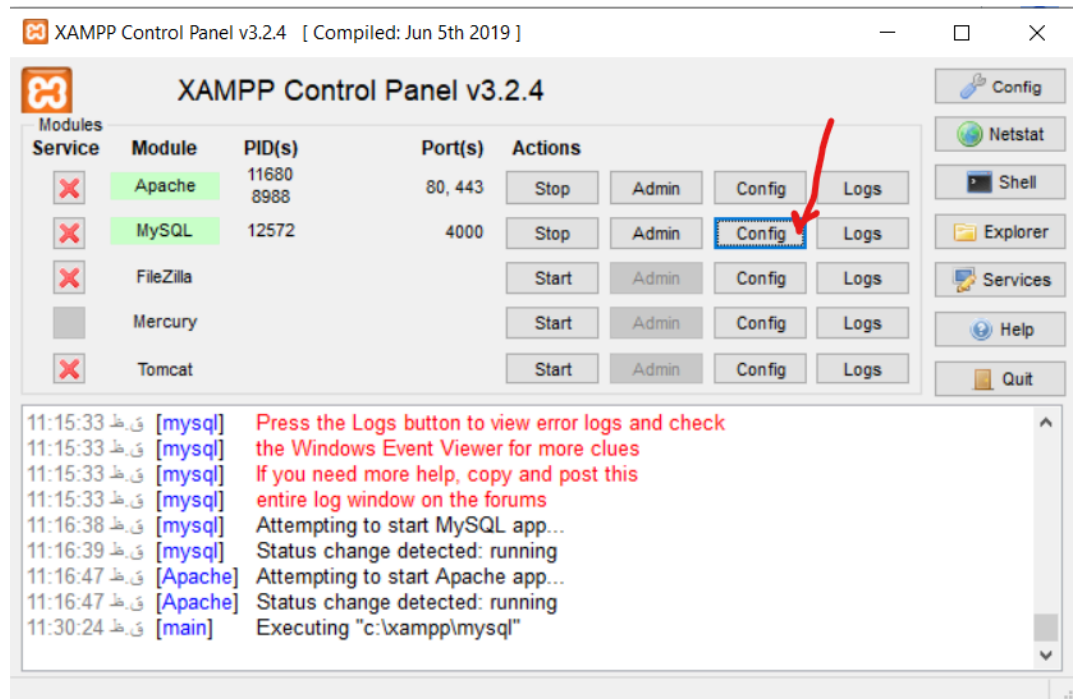
B:

1. Stop all [SQL Server](#) services.
2. Next, start all SQL Server services again.

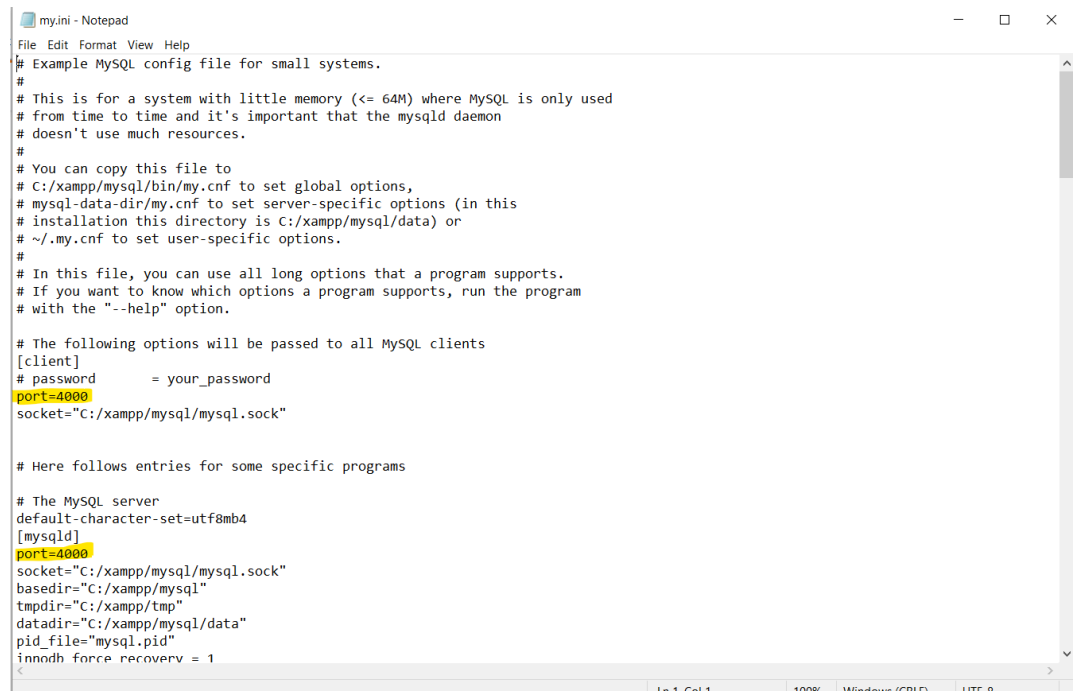
 Spot Verifier		Manual (Trigger Start)
 SQL Full-text Filter Daemon Launcher (M...	Running	Automatic
 SQL Server (MSSQLSERVER)	Running	Automatic
 SQL Server Agent (MSSQLSERVER)	Running	Automatic
 SQL Server Analysis Services (MSSQLSERV...	Running	Automatic
 SQL Server Analysis Services CEIP (MSSQL...	Running	Automatic
 SQL Server Browser	Running	Automatic
 SQL Server CEIP service (MSSQLSERVER)	Running	Automatic
 SQL Server Distributed Replay Client	Starting	Automatic
 SQL Server Distributed Replay Controller		Automatic
 SQL Server Integration Services 15.0	Running	Automatic
 SQL Server Integration Services CEIP servi...	Running	Automatic
 SQL Server Integration Services Scale Out...	Running	Automatic
 SQL Server VSS Writer	Running	Automatic
 SQL Server...	Running	Automatic

C:

1. Open the XAMPP control panel
2. Click on the *Config* button. In front of MySQL, click on *my.ini*



3. Change the client port and server port.



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edited Nov 10, 2023 at 3:54

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Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Nov 28, 2020 at 8:28



Rasul Ebrahimzadeh

306 ● 3 ● 12

-
- 2 Changing port worked for me and no other method worked
– [Zobia Kanwal](#) Dec 18, 2020 at 13:09
-
- 3 This is the best answer. Everyone should follow this
– [Al Mahdi](#) Mar 5, 2022 at 14:22
-
- 1 It is ok now after changing port. thanks. – [Htoo Htet Oo](#) Feb 17, 2023 at 6:15
-
- 1 Thank you so much, worked even i didnt followed A and B step. – [Muhammad Ali](#) Mar 21, 2023 at 6:35
-



16

I got the same kind of error in my

`C:\xampp\mysql\data\mysql_error.log` when trying to start MySQL:



```
2013-08-05 01:20:32 6780 [ERROR] InnoDB: Attempted to
opened tablespace. Previous tablespace mysql/slave_r
space ID: 3 at filepath: .\mysql\slave_relay_log_inf
tablespace test_database/test_table which uses space
.\test_database\test_table.ibd
```

You'll have to read the error closely. This says that `test_database` is preventing MySQL from starting.

You could blow away the offending database, and these steps fix the problem:

1. Make sure MySQL and XAMPP is shut down completely.
2. Go to your directory where MySQL is installed, mine is: `C:\xampp\mysql\data`
3. You should see a folder with the name of a database that you created. mine was `test_database`.
4. Create a new folder somewhere else called `C:\xampp\mysql\data\mysql\backuptablespace`
5. Drag and drop (don't delete) the offending database table folder to the backup directory.
6. Try to start MySQL again. For me, it started right up in one second as expected.

If it doesn't work, put the file back where you started and you'll be back where you started.

If you don't want to delete the database and don't have backups:

If you don't have backups of table data and MySQL won't start, because something is corrupted, you'll have to use the process of elimination to guess-and-check your way to exactly what you did that corrupted it. Follow these steps:

1. Make a clone of the entire `C:\xampp\` and store it somewhere safe so you can get back to where you started.

2. Use a "binary search" approach to try to locate the corrupted item in the MySQL database. It could be a file, or a table, or a database, or a user or anything.
3. Delete the entire database and see if that allows MySQL to start. If it does, then put back the database and try removing some of the tables. If it doesn't, then try yanking out something else until it does start.
4. Try removing these files from
`C:\xampp\mysql\data\mysql : db.frm db.MRD db.MYI db.opt user.frm user.MYD user.MYI`
5. When you get MySQL to start, try putting things back until you find the one thing that you add which prevents it from starting. One bonus for this is you learn how MySQL works under the hood.

Nuclear option:

Something you did screwed up the MySQL server. An uninstall and reinstall of XAMPP should undo the corruption.

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edited Oct 26, 2023 at 13:06



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Aug 8, 2013 at 17:25



Eric Leschinski

153k ● 96 ● 421 ● 335



15

Add the following line below the `[mysqld]` section in the MySQL configuration file (*my.ini*). Restart the [Apache](#) web server and the MySQL service afterwards.



```
[mysqld]
innodb_force_recovery = 4
```



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edited Oct 26, 2023 at 13:31

Follow



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Dec 16, 2013 at 17:40



aog

504 ● 3 ● 14

7 Read about what you are doing, before you do it:
dev.mysql.com/doc/refman/5.0/en/forcing-innodb-recovery.html – [marcovtwout](#) Sep 30, 2014 at 11:56

6 it's better to start with value 1 and increment it each time it didn't work. Values 1-3 are considered save. 4-6 can corrupt data! – [CoR](#) Aug 18, 2015 at 20:26

This helped me. As pointed out, use values 1-3 first. 2 worked on me. I had to dump all my database, reset mysql data using the back up folder then import the dumps. This is helpful if you want to keep your data – [claw68](#) Sep 13, 2020 at 5:42



14

Step 1 : Close Xampp controller completely
Step 2 : Open C:\xampp\mysql\backup
Step 3 : Copy all the files from backup folder



Step 4 : Open C:\xampp\mysql\data

Step 5 : Paste the all the files in data folder

Step 6 : Re-start the Xampp controller



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edited Dec 10, 2020 at 17:14

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Cristik

32.8k ● 25 ● 101 ● 139

answered Dec 10, 2020 at 14:41



Swap

165 ● 2 ● 10

Thanks man worked like a charm for me. :)

– [Utpal - Ur Best Pal](#) Dec 16, 2020 at 6:46

Thanks this solve the issue but we need to keep old ibdata file, else we will lose the data – [Kenana Reda](#) Aug 12, 2021 at 11:27

1 Never do that. I have lost my data. – [Shiva](#) Aug 23, 2021 at 5:34



13



My Xampp MySQL worked just follows as below:

```
01. Go to mysql/data/ directory
02. delete the ibdata1 & ib_logfile*(ib_logfile0,ib_lo
file
03. restart xampp server
```



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answered Dec 4, 2016 at 9:45

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matinict

2,470 ● 2 ● 27 ● 35

Don't do it. [From official manual](#) "Directly editing or moving the redo logs can cause corruption, and should never normally be attempted." – [danblack](#) Jul 29 at 23:34



10



STOP! Please do NOT delete `ibdata1` file!

Deleting this file is like playing Russian roulette with your databases, it could work and re-establish everything, but also, it could leave every database you have unusable.

Instead, first try using the MySQL `backup` folder which is included with XAMPP. So do the next:

- Rename the folder `mysql/data` to `mysql/data_old` (you can use any name)
- Create a new folder `mysql/data`
- Copy the content that resides in `mysql/backup` to the new `mysql/data` folder
- Copy all your database folders that are in `mysql/data_old` to `mysql/data` (skipping the `mysql`, `performance_schema`, and `phpmyadmin` folders from `data_old`)

Finally:

- copy the `ibdata1` file from `mysql/data_old` and replace it inside `mysql/data` folder
- Start MySQL from XAMPP control panel

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edited Jan 17, 2023 at 22:28



Klaassiek

2,896 ● 1 ● 25 ● 44

answered Oct 13, 2021 at 6:06



Hasitha

149 ● 2 ● 13

This is the only proposed workaround that worked for me without losing the last improvements of my DB data model. Thank you. – [fede72bari](#) Aug 3, 2022 at 8:08

This seems to have been plagiarised from [Rasul Ebrahimzadeh's answer](#). Or there is a common source it has been plagiarised from. – [Peter Mortensen](#) Dec 4, 2023 at 20:01

You are right. And this solution worked for me. Don't order to take backup of data folder first. – [Murtaza Bharmal](#) Aug 3 at 7:16



10



I also faced this issue and this is how I solved it.

1. Make sure directory "*xampp*" is not under a subdirectory. For example, it should be "*C:\xampp*"
2. You might need to run as administrator in running the application.

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edited Oct 26, 2023 at 13:28



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Aug 13, 2013 at 18:31



SITHU

163 ● 7



10



1. Copy all files from folder `xampp/mysql/backup/` and then paste them into folder `/xampp/mysql/data/`
2. Restart MySQL.

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edited Oct 26, 2023 at 13:42



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Jan 28, 2020 at 10:20



Khandaker Tohidul
Islam

499 ● 4 ● 8

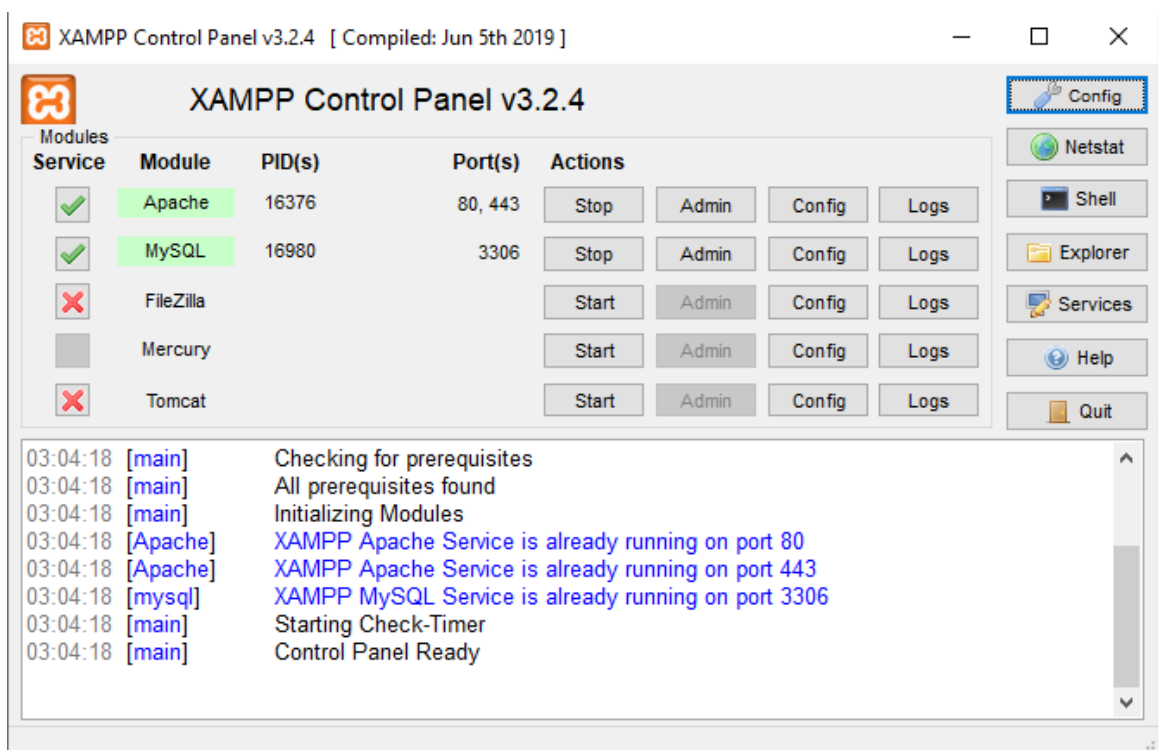
Nothing worked on this topic but your method worked very well. Thanks – [Codecopath](#) Aug 31, 2022 at 18:20

I had the same issue and implemented almost every above solution but nothing happened. And Tried your solution It worked perfectly. Most importantly I just want to add one more thing to it. After copy-pasting the files and folder from the Backup folder to the data folder. For the sake of old databases what we have to do we just have to create the backup of databases before copy-pasting but after copy-pasting we just copy the database folders and from the backup and paste them inside the data folder. In this way, we are able to use our old databases too. – [M Mamoon Khan](#) Oct 28, 2022 at 6:36

Yes nothing on this topic above worked for me. I tried your solution and it works like charm. Thanks man. I also agreed with @MMamoonKhan suggestion on backing up your data.
– Julius Fasema Sep 29, 2023 at 4:26

10

1. Move the files from folder `xampp/mysql/backup` into folder `xampp/mysql/data`
2. Run `XAMPP` as `Administrator` (make sure MySQL is installed. You can see a green tick if is installed)



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edited Oct 26, 2023 at 13:58



Peter Mortensen


31.6k ● 22 ● 109 ● 133

answered May 16, 2020 at 21:36



Jayant Rajwani

833 ● 10 ● 18

THIS FIXED IT FOR ME. If you're running Xampp on windows, make sure you are running Apache and MySql AS A SERVICE. If you don't see the green tick, Click the red X to run the servers as a service. – [dividedbyzero](#) May 28, 2023 at 8:46 



7



in my case i did following steps and it worked:

1. In Xampp control panel click on "Services" button from the right side toolbar
2. Then find "MySQL" from the services List
3. Click on it and from the left side of the panel click on "stop"
4. Turn back in Xampp control panel and click on start.

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edited Dec 3, 2019 at 10:40



[tomerpacific](#)

6,239 ● 17 ● 40 ● 59

answered Dec 3, 2019 at 8:54



[Sobhan](#)

1,460 ● 1 ● 20 ● 37

1 Thank you, none of the other options worked for me, this one did. Very grateful – [user3808307](#) Jan 27, 2020 at 19:58 ✎

@user3808307 I'm glad it helped you :) – [Sobhan](#) Jan 28, 2020 at 6:28

thank you so much! this was really simple to do and it worked :) – [Aditi](#) Feb 25, 2021 at 6:35



6

Here is what I did. I restarted my computer. Next I run services.msc. I stopped the MySQL service then restarted it. The restarted the Xampp server.



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answered Jan 11, 2017 at 15:18

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kyzen

313 ● 1 ● 3 ● 15



This is not a valid answer! – [abhiarora](#) Jan 11, 2017 at 15:37

Not valid answer – [Soumyajit Dutta](#) Aug 1, 2019 at 15:10

I can't find the MySQL service in my system. – [Thirsty Six](#) Apr 28, 2022 at 11:46



6



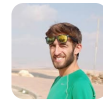
Here is the way you can solve this problem:

1. Go to `C:\xampp\mysql\data`
2. You will see a folder named as **mysql/data**
3. Rename that folder from **mysql/data** to something else like **mysql/data_not_useful** any name that you want to give.
4. Create a new folder named as **mysql/data**.
5. Copy all the files of the **mysql/backup** and paste in **mysql/data**.
6. Now go to **mysql/data_not_useful** and copy the file `ibdata1` from there.
7. Then paste it in **mysql/data** (You have to replace the file).
8. Restart your xampp server.
9. Now run your mysql server.

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edited Apr 30, 2021 at 20:59

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Tomerikoo

19.4k ● 16 ● 53 ● 67

answered Apr 30, 2021 at 11:31



Akash Kumar

327 ● 1 ● 4 ● 10

Amazing .Your answer woking fine .Thank you so much

– [Ganesan J](#) Jan 3, 2022 at 9:37

In my case I followed your answer and delete all info file type
.After that I got my lost database – [Ganesan J](#) Jan 3, 2022 at 10:00



6



Go to xampp/mysql/data

1. Rename folder from data to data_backup
2. Create new folder data
3. Copy files from backup to data
4. delete ibdata1 from data folder
5. Copy ibdata1 from data_backup folder to data folder
6. Copy your all database from data_backup to data folder
7. Restart xampp. It will start working

Share Improve this answer

edited Aug 1, 2022 at 6:29

Follow

answered Aug 1, 2022 at 6:20



Rehan Rajpoot

187 ● 2 ● 8



6



```
# The MySQL server
default-character-set=utf8mb4
[mysqld]
skip-grant-tables // Place this line here
port=3306
socket="C:/xampp/mysql/mysql.sock"
basedir="C:/xampp/mysql"
tmpdir="C:/xampp/tmp"
datadir="C:/xampp/mysql/data"
pid_file="mysql.pid"
# enable-named-pipe
key_buffer=16M
max_allowed_packet=1M
sort_buffer_size=512K
net_buffer_length=8K
read_buffer_size=256K
```

Open **my.ini** file from C:\xampp\mysql\data

skip-grant-tables place this line before port and restart and it working

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edited Dec 16, 2022 at 8:29



duncan

31.9k ● 15 ● 80 ● 101

answered Oct 13, 2021 at 3:16



Jignesh Patel

316 ● 2 ● 11



6



I have resolved the problem by ending the task for *mysqld* in [Task Manager](#).

> Microsoft Windows Search Inde...	0%	15.3 MB	0 MB/s	0 Mbps
> Microsoft® Volume Shadow Co...	0%	1.3 MB	0 MB/s	0 Mbps
mysqld	0%	39.3 MB	0 MB/s	0 Mbps
Node.js: Server-side JavaScript	0.1%	6.1 MB	0 MB/s	0 Mbps
Node.js: Server-side JavaScript (...)	0.1%	12.9 MB	0 MB/s	0 Mbps

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edited Oct 26, 2023 at 13:37



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered Dec 17, 2019 at 6:56



Mandeep Singh Gill

1,315 ● 10 ● 5



6



I also get the same issue. Solution was kill process Find the PID for port (3306)

```
netstat -a -n -o | find "3306"
```

You will see everything you need.

0.0.0.0:3306	0.0.0.0:0	LISTENIN
0.0.0.0:33060	0.0.0.0:0	LISTENIN
[::]:3306	[::]:0	LISTENIN
[::]:33060	[::]:0	LISTENIN

PID is 8120

Next run the following command

```
taskkill /PID 8120 /F
```

Start MySQL again. It will be fine.

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edited Dec 4, 2023 at 21:02



Peter Mortensen

31.6k ● 22 ● 109 ● 133

answered May 1, 2022 at 21:38



Priyantha

5,063 ● 6 ● 29 ● 46

-
- 1 This worked for me. Guess something was blocking the port..
– Paul Trimor May 16, 2022 at 13:58
-



5



No solution above worked for me. then I did below:

I deleted all the files inside C:\xampp\mysql\data\ directory except folders in this directory. It worked perfectly fine but my previous databases are not working now. So do above if you don't care it will delete all your previous databases in phpmyadmin.

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answered Jan 17, 2017 at 13:33



Aammad Ullah

274 ● 4 ● 11

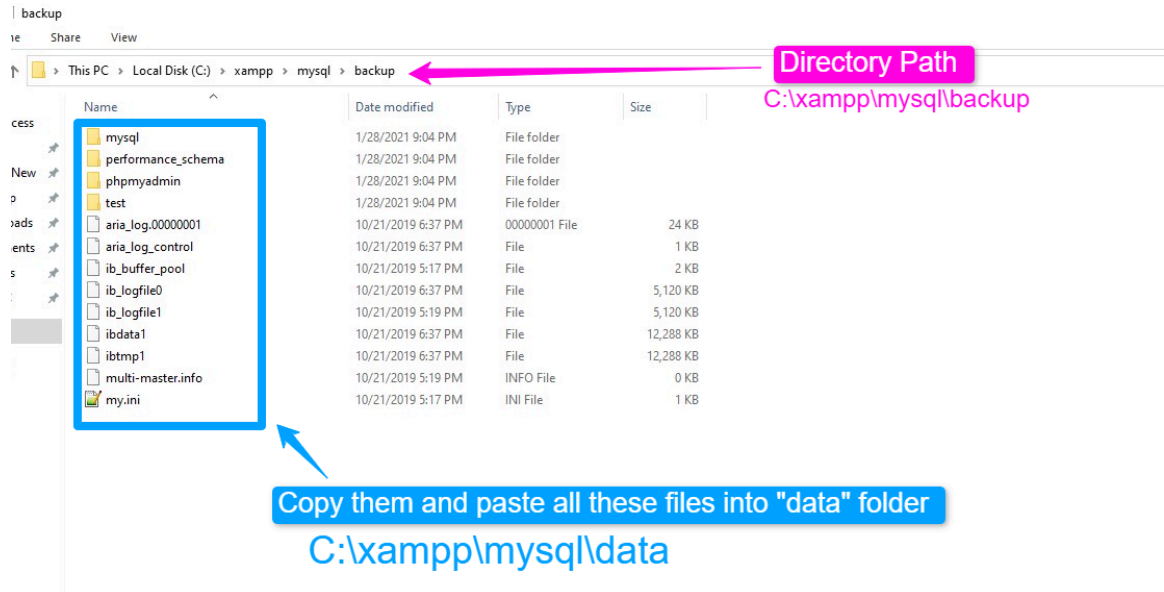


Xampp stop Instantly after start.

5



copy all files and folder from
C:\xampp\mysql\backup and paste into
C:\xampp\mysql\data.



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answered Mar 2, 2022 at 5:10

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Talha Rafique

5,878 ● 1 ● 13 ● 12

1

2

3

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