

ImportError: No module named '_sqlite3' in python3.3

Asked 9 years, 9 months ago Modified 11 months ago Viewed 63k times



sqlite3 error

23



```
import sqlite3
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "/usr/local/lib/python3.3/sqlite3/__init__.py", line 23, in <module>
    from sqlite3.dbapi2 import *
  File "/usr/local/lib/python3.3/sqlite3/dbapi2.py", line 26, in <module>
    from _sqlite3 import *
ImportError: No module named '_sqlite3'
```

i use sqlite3 install command

```
pip install pysqlite
Downloading/unpacking pysqlite
  Downloading pysqlite-2.6.3.tar.gz (76kB): 76kB downloaded
  Running setup.py egg_info for package pysqlite
    Traceback (most recent call last):
      File "<string>", line 16, in <module>
      File "/usr/local/lib/python3.3/codecs.py", line 300, in decode
        (result, consumed) = self._buffer_decode(data, self.errors, final)
    UnicodeDecodeError: 'utf-8' codec can't decode byte 0xe4 in position 98:
    invalid continuation byte
  Complete output from command python setup.py egg_info:
  Traceback (most recent call last):

    File "<string>", line 16, in <module>

    File "/usr/local/lib/python3.3/codecs.py", line 300, in decode

      (result, consumed) = self._buffer_decode(data, self.errors, final)

UnicodeDecodeError: 'utf-8' codec can't decode byte 0xe4 in position 98:
invalid continuation byte

-----
Cleaning up...
Command python setup.py egg_info failed with error code 1 in
/tmp/pip_build_root/pysqlite
Storing complete log in /root/.pip/pip.log
```

django sqlite python-3.3

Share Improve this question

Follow

edited Oct 6, 2015 at 8:09



Martin G

17.4k 9 82 98

asked Nov 21, 2013 at 16:26



Droid

1,410 8 23 37

Join Stack Overflow to find the best answer to your technical question, help others answer theirs.

Sign up



Try importing it outside of django. What happens? – [yuvi](#) Nov 21, 2013 at 16:29

1 yes already installed libsqlite3-dev – [Droid](#) Nov 21, 2013 at 16:35

python manage.py syncdb Traceback (most recent call last): File "/usr/local/lib/python3.3/site-packages/django/db/backends/sqlite3/base.py", line 29, in <module> – [Droid](#) Nov 21, 2013 at 16:42

I can not answer :(((I do not have enough to Ranked :((– [Droid](#) Nov 21, 2013 at 16:43

[Report this ad](#)

Sorted by:

Highest score (default) 

6 Answers



35



I am a Fedora 20 user. To solve this:

1. Install sqlite-devel package, using:

```
yum install sqlite-devel
```

2. After installing, recompile python from the source using:

```
./configure
make && make install
```

For multiple versions of Python, use `altinstall` instead of `install`.

Share Improve this answer

Follow

edited Sep 8, 2014 at 10:20



[Arman H](#)

5,488

10

51

76

answered Sep 8, 2014 at 9:59



[Anshul Bisht](#)

1,644

20

21

2 I have no idea why this got two downvotes. It solved the problem on CentOS 5.11. – [1"](#) Jan 7, 2015 at 2:59

7 Where is the configure file? I've tried `find */python*/conf*` but found nothing. – [Andreas](#) Jan 4, 2016 at 10:11

Join Stack Overflow to find the best answer to your technical question, help others answer theirs.

[Sign up](#)



reasonable answer! Worked on the CentOS 7! – [Soheil Pourbafrani](#) Oct 23, 2019 at 19:02



I think it must be you not install sqlite3, you can do like this

12



```
sudo apt-get install sqlite3
sqlite3 -version
sudo apt-get install python-pysqlite2
sudo apt-get install python-pysqlite2-dbg
sudo apt-get install libsqlite3-dev
sudo apt-get install sqlite
sudo pip install pysqlite
```

then you will find the sqlite3

Share Improve this answer

Follow

edited Jun 15, 2020 at 6:13



Community Bot
1 1

answered Feb 20, 2014 at 13:54



wcc526
3,935 2 31 29

This worked for me : [markgruenberg.site/...](#) – [Krishna Shetty](#) Sep 17, 2019 at 7:10

Thanks, libsqlite3-dev is the missing key for me. – [Itachi](#) Feb 26, 2020 at 17:53

I don't understand what sorcery is this but it does work ! – [ataboyabhipro](#) Dec 2, 2021 at 6:31



For Python3 in Ubuntu:

9



- `sudo apt-get install libsqlite3-dev`
- `wget https://www.python.org/ftp/python/3.6.3/Python-3.6.3.tar.xz` (replace the version number by your python3 version)
- `tar -xf Python-3.6.3.tar.xz`
- `cd Python-3.6.3/`
- `./configure --enable-loadable-sqlite-extensions && make && sudo make install`

refer: <https://github.com/sloria/TextBlob/issues/173>

Share Improve this answer Follow

answered Sep 12, 2018 at 3:54



R.Liu
361 3 6

- 2 Beware that "make install" is not recommended as it may overwrite your system's Python version and some packages might depend on specific versions. It is recommended to use "make altinstall" to not overwrite `/usr/bin/python3` but install it into `/usr/local/bin/python3`. See docs.python.org/3.7/using/unix.html#building-python for details! – [macskay](#) Oct 2, 2019 at 14:03

Join Stack Overflow to find the best answer to your technical question, help others answer theirs.

[Sign up](#)





The compile package is short of something, you should use yum to install these 5, and then recompile and install python3

7



```
yum install readline-devel
yum install tk-devel
yum install tcl-devel
yum install openssl-devel
yum install sqlite-devel
```



and then recompile the python3

```
tar Jxvf Python-3.5.0.tar.xz
cd Python-3.5.0
./configure --prefix=/usr/local/python3
make && make install
```

Share Improve this answer Follow

answered Aug 12, 2016 at 7:48



陈章

81 1 6



I touched this problem in using compiled 3.5.7

3



```
wget https://www.python.org/ftp/python/3.5.7/Python-3.5.7.tgz
tar xvfz Python-3.5.7.tgz
cd Python-3.5.7
./configure --enable-optimizations
sudo make altinstall
```



```
# python3.5
>>> import sqlite3
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "/usr/local/lib/python3.5/sqlite3/__init__.py", line 23, in <module>
    from sqlite3.dbapi2 import *
  File "/usr/local/lib/python3.5/sqlite3/dbapi2.py", line 27, in <module>
    from _sqlite3 import *
ImportError: No module named '_sqlite3'
```

Solution:

```
yum install sqlite-devel
re-compile python 3.5 from source
```

Share Improve this answer

edited Jun 5, 2019 at 19:18

answered Jun 5, 2019 at 18:59

Follow



Amos Jianjun Kong

131 1 2

Join Stack Overflow to find the best answer to your technical question, help others answer theirs.

Sign up



I installed sqlite-devel before second recompile, this might solve the problem. `yum install sqlite-devel` – [Amos Jianjun Kong](#) Jun 5, 2019 at 19:15



Follow the below url to get ride of this error, [Centos-Sqlite3-Error-GCP](#)

0

Share Improve this answer Follow

answered Oct 10, 2022 at 7:13



[kalaivani](#)

484 1 5 8

