## Celery raises ValueError: not enough values to unpack

Asked 6 years ago Modified 1 year ago Viewed 20k times



Trying to run simple example with Celery and receiving an exception. RabbitMQ started in a Docker, also tried to start it locally. Celery works on a local Windows host

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```
from celery import Celery

app = Celery('tasks', broker='amqp://192.168.99.100:32774')

@app.task()
def hello():
    print('hello')

if __name__ == '__main__':
    hello.delay()
```

Excerpt of my error text:

```
[2017-08-18 00:01:08,632: ERROR/MainProcess] Task handler raised error:
ValueError('not enough values to unpack (expected 3, got 0)',)
Traceback (most recent call last):
    File "c:\users\user\celenv\lib\site-packages\billiard\pool.py", line 358, in
workloop
    result = (True, prepare_result(fun(*args, **kwargs)))
    File "c:\users\user\celenv\lib\site-packages\celery\app\trace.py", line 525,
in _fast_trace_task
        tasks, accept, hostname = _loc
ValueError: not enough values to unpack (expected 3, got 0)
```

python celery





- 1 which celery version? as far as I remember celery doesn't supported in windows since celery 4 ItayB Aug 19, 2017 at 16:37
- 1 @ItayB Thank you! I've found that the problem exactly in celery on windows, but I didn't know this about version 4. I've used 4.1.0. Igor Nikolaev Aug 20, 2017 at 17:59

add it as answer, you can vote/accept please – ItayB Aug 20, 2017 at 18:00

## 6 Answers

Sorted by: Highest score (default)



Celery 4.0+ does not officially support Windows yet. But it still works on Windows for some development/test purposes.



Use eventlet instead as below:



pip install eventlet celery -A <module> worker -l info -P eventlet



It works for me on Windows 10 + celery 4.1 + python 3.

```
==== update 2018-11 =====
```

Eventlet has an issue on subprocess.CalledProcessError:

https://github.com/celery/celery/issues/4063

https://github.com/eventlet/eventlet/issues/357

https://github.com/eventlet/eventlet/issues/413

So try gevent instead.

```
pip install gevent
celery -A <module> worker -l info -P gevent
```

This works for me on Windows 10 + celery 4.2 + python 3.6

I tried running with -l info -c 5 gevent flags and got unrecognized arguments: gevent. It however works with -l info -P gevent. How can I fix this?

- Azima May 9, 2020 at 7:59



It worked for me:

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celery -A my\_project\_name worker --pool=solo -l info



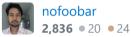
basically things become single threaded and are suppoted



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answered Jul 21, 2020 at 8:41



2 It's still working in Nov 29th, 2022. Thanks. – Super Kai - Kazuya Ito Nov 28, 2022 at 20:29



I got this error on Windows 7 32bit system. So I did this to make it work.

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Add this



`os.environ.setdefault('FORKED\_BY\_MULTIPROCESSING', '1')`



before defining a celery instance in myproj/settings.py file in your django project.



It should like like

```
os.environ.setdefault('DJANGO_SETTINGS_MODULE', 'myproj.settings')
os.environ.setdefault('FORKED_BY_MULTIPROCESSING', '1')
app = Celery('tasks', broker='redis://127.0.0.1:6379/0')
```

I am using redis as a messaging broker so defined broker='redis://127.0.0.1:6379/0'

Thanks, this worked for me. Would have spent hours (on top of the ones already spent). I was just trying the example from docs.celeryproject.org: import os os.environ.setdefault('FORKED\_BY\_MULTIPROCESSING', '1') app = Celery('tasks', broker='amgp://guest@localhost//') etc − Coffee and Code Mar 1, 2020 at 14:16 ▶



For Celery 4.1 on Windows.

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Set an environment variable FORKED\_BY\_MULTIPROCESSING=1. Then you can simply run celery -A <celery module> worker.



https://docs.celeryq.dev/en/stable/faq.html#id58

answered May 29, 2018 at 12:52





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Windows

Does Celery support Windows?¶

Answer: No.

Since Celery 4.x, Windows is no longer supported due to lack of resources.

But it may still work and we are happy to accept patches.