

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

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edited Jul 26, 2021 at 8:27



Faizan Amin

398 ● 5 ● 16

asked Aug 17, 2017 at 21:07



Igor Nikolaev

303 ● 1 ● 3 ● 8

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)



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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

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edited Feb 1, 2019 at 15:02

answered Nov 16, 2017 at 13:57

pushrbx
312 ● 2 ● 9

Samuel Chen
2,124 ● 14 ● 9

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 supported



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answered Jul 21, 2020 at 8:41

nofoobar
2,836 ● 20 ● 24

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='amqp://guest@localhost/') etc` – [Coffee and Code](#) Mar 1, 2020 at 14:16 



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For `Celery 4.1` on Windows.

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>

[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.

answered May 29, 2018 at 12:52



[Bob Jordan](#)
3,049 ● 2 ● 34 ● 41