

Why can't I import PyTube?

Asked 1 year, 10 months ago Modified 1 year ago Viewed 1k times



I would like to import PyTube but keep getting this error. How can I fix it?

0

Code:



```
import pytube
from pytube import YouTube
```



```
print("Give URL:")
url = input()
```



```
pytube.YouTube(url).streams.get_highest_resolution().download()
```

Error:

```
Traceback (most recent call last):
  File "pytube.py", line 1, in <module>
    import pytube
  File "/home/python/pytube.py", line 2, in <module>
    from pytube import YouTube
ImportError: cannot import name 'YouTube'
```

[python](#) [api](#) [youtube](#) [pytube](#)

Share Follow

asked Oct 3, 2021 at 18:27



[cweyy](#)

1 1

2 You named your file *pytube.py*. Rename it to fix the error. – [Michael Szczesny](#) Oct 3, 2021 at 18:37

2 Answers

Sorted by:

Highest score (default)



As @Michael Szczesny stated, you named the file you executed with the same name as the library. Rename your script to something else and it should work.

1

Python checks the imports in a particular order that can be seen in `sys.path`:



```
import sys
```



```
print(sys.path)
```



In my case, it gives:

```
[',', '/home/vinzee/.pyenv/versions/3.6.14/lib/python36.zip',
'/home/vinzee/.pyenv/versions/3.6.14/lib/python3.6',
'/home/vinzee/.pyenv/versions/3.6.14/lib/python3.6/lib-dynload',
'/home/vinzee/.pyenv/versions/3.6.14/lib/python3.6/site-packages']
```

telling me it first searches in the current directory `'.'`, then, in

`'/home/vinzee/.pyenv/versions/3.6.14/lib/python36.zip'` etc. and finally in

`'/home/vinzee/.pyenv/versions/3.6.14/lib/python3.6/site-packages'` where the packages' files are stored.

In your case, since the script found a `pytube` in the first directory it searched (ie `'.'`), it did not bother to check if there was a package with the same name in the last directory of the list. It just stopped there and tried importing your own `pytube.py` script.

Share Follow

answered Oct 11, 2021 at 9:24



vvvvv

25.2k

19 49 80



```
import pytube
```

0

```
print ('Download video from web by python')
url = input ("Enter video url ")
```



```
pytube.YouTube(url).streams.get_highest_resolution().download("/storage/emulated/0/C
```



Share Follow

edited Jul 24, 2022 at 2:43



Simas Joneliunas

2,890

20 27 35

answered Jul 20, 2022 at 19:00



أبو سيف

1

- 2 Your answer could be improved with additional supporting information. Please [edit](#) to add further details, such as citations or documentation, so that others can confirm that your answer is correct. You can find more information on how to write good answers [in the help center](#). – Community Bot Jul 21, 2022 at 20:13

This answer was reviewed in the [Low Quality Queue](#). Here are some guidelines for [How do I write a good answer?](#). Code only answers are **not considered good answers**, and are likely to be downvoted and/or deleted because they are **less useful** to a community of learners. It's only obvious to you. Explain what it does, and how it's different / **better** than existing answers. – Trenton McKinney Jul 25, 2022 at 21:48