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Cannot install python module urlparse

some program written in Python 2.7 complains that `ImportError: No module named 'urlparse'`. So I need to install the module, but I am not able to do it. The module does exist, it is described e.g. at <https://docs.python.org/2/library/urlparse.html>. However, neither `apt-get install`, nor `pip install` are able to find a module named `urlparse`, `python-urlparse`, `urllib`, `python-urllib` ... -- I'm getting messages like `Could not find any downloads that satisfy the requirement ...` The only exception is the package `python-urllib3` which probably contains the needed files but for Python 3 and installation of which did not help.

I've installed `pip`, not `pip3` since I need the module for Python 2 (`pip 1.4.1 from /usr/lib/python2.7/dist-packages (python 2.7)`). My Ubuntu is Xubuntu 13.10.

Where's the problem, please? Is `pip` searching for the module in the right places? I don't know what locations it should search in...

[python](#)
[package-management](#)
[pip](#)

asked Aug 15 '14 at 9:32



MoreFamed

28 ● 1 ● 1 ● 5

check out output of `pip search urlparse` – [kenn](#) Aug 15 '14 at 10:07

`urlparse` is part of the standard library, i.e. it is automatically installed together with Python itself. You won't be able to install it through `apt`, `pip` or `easy_install`. – [Andrea Corbellini](#) Aug 23 '14 at 14:28

Ubuntu 13.10 is out of date. – [enedil](#) Aug 24 '14 at 16:10

2 Answers

`urlparse` is part of the standard Python 2 library. It's shipped as part of Python; it isn't packaged separately on PyPI et al. `urlparse.urlparse` (the function) was renamed in Python 3 to `urllib.parse`.

So, a few things to look at:

- Your Python 2 program might be running under Python 3. Check the launch script to see how it picks which version of Python. It should probably start `#!/usr/bin/env python2` but also double check (by running `env python2`) that that loads up Python 2.
- Something has eaten `/usr/lib/python2.7/urlparse.py`, in which case reinstall the `libpython2.7-stdlib` package with:

```
sudo apt-get install --reinstall libpython2.7-stdlib
```
- Or you have a local file causing mischief...

answered Aug 15 '14 at 10:06



Oli ♦

163k ● 44 ● 412 ● 617

If you need to write code which is Python2 and Python3 compatible you can use the following import

```
try:
    from urllib.parse import urlparse
except ImportError:
    from urlparse import urlparse
```

answered Dec 5 '14 at 21:45



Tully

251 ● 3 ● 2

