



Python PIP

[< Previous](#)[Next >](#)

What is PIP?

PIP is a package manager for Python packages, or modules if you like.

Note: If you have Python version 3.4 or later, PIP is included by default.

What is a Package?

A package contains all the files you need for a module.

Modules are Python code libraries you can include in your project.

Check if PIP is Installed

Navigate your command line to the location of Python's script directory, and type the following:

Example

Check PIP version:

```
C:\Users\Your Name\AppData\Local\Programs\Python\Python36-32\Scripts>pip --version
```

Install PIP

If you do not have PIP installed, you can download and install it from this page:
<https://pypi.org/project/pip/>

Download a Package

Downloading a package is very easy.

Open the command line interface and tell PIP to download the package you want.

Navigate your command line to the location of Python's script directory, and type the following:

Example

Download a package named "camelcase":

```
C:\Users\Your Name\AppData\Local\Programs\Python\Python36-32\Scripts>pip  
install camelcase
```

Now you have downloaded and installed your first package!

Using a Package

Once the package is installed, it is ready to use.

Import the "camelcase" package into your project.

Example

Import and use "camelcase":

```
import camelcase

c = camelcase.CamelCase()

txt = "hello world"

print(c.hump(txt))
```

[Run Example »](#)

Find Packages

Find more packages at <https://pypi.org/>.

Remove a Package

Use the `uninstall` command to remove a package:

Example

Uninstall the package named "camelcase":

```
C:\Users\Your Name\AppData\Local\Programs\Python\Python36-32\Scripts>pip
uninstall camelcase
```

The PIP Package Manager will ask you to confirm that you want to remove the camelcase package:

```
Uninstalling camelcase-02.1:
  Would remove:
    c:\users\Your Name\appdata\local\programs\python\python36-32\lib\site-
packages\camecase-0.2-py3.6.egg-info
    c:\users\Your Name\appdata\local\programs\python\python36-32\lib\site-
```

```
packages\camecase\*
Proceed (y/n)?
```

Press **y** and the package will be removed.

List Packages

Use the **list** command to list all the packages installed on your system:

Example

List installed packages:

```
C:\Users\Your Name\AppData\Local\Programs\Python\Python36-32\Scripts>pip
list
```

Result:

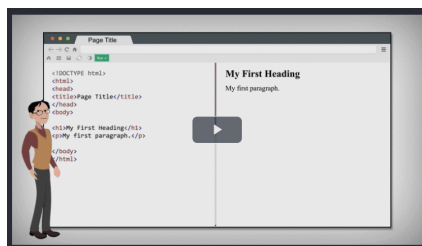
Package	Version

camelcase	0.2
mysql-connector	2.1.6
pip	18.1
pymongo	3.6.1
setuptools	39.0.1

[< Previous](#)[Next >](#)

NEW

We just launched
W3Schools videos



Explore now

COLOR PICKER



Get certified
by completing
a Python
course today!



Get started

CODE GAME



[Play Game](#)



[Report Error](#)

[Spaces](#)

[Pro](#)

[Get Certified](#)

Top Tutorials

[HTML Tutorial](#)
[CSS Tutorial](#)
[JavaScript Tutorial](#)
[How To Tutorial](#)
[SQL Tutorial](#)
[Python Tutorial](#)
[W3.CSS Tutorial](#)
[Bootstrap Tutorial](#)
[PHP Tutorial](#)
[Java Tutorial](#)
[C++ Tutorial](#)
[jQuery Tutorial](#)

Top References

[HTML Reference](#)
[CSS Reference](#)
[JavaScript Reference](#)

[SQL Reference](#)
[Python Reference](#)
[W3.CSS Reference](#)
[Bootstrap Reference](#)
[PHP Reference](#)
[HTML Colors](#)
[Java Reference](#)
[Angular Reference](#)
[jQuery Reference](#)

Top Examples

[HTML Examples](#)
[CSS Examples](#)
[JavaScript Examples](#)
[How To Examples](#)
[SQL Examples](#)
[Python Examples](#)
[W3.CSS Examples](#)
[Bootstrap Examples](#)
[PHP Examples](#)
[Java Examples](#)
[XML Examples](#)
[jQuery Examples](#)

Get Certified

[HTML Certificate](#)
[CSS Certificate](#)
[JavaScript Certificate](#)
[Front End Certificate](#)
[SQL Certificate](#)
[Python Certificate](#)
[PHP Certificate](#)
[jQuery Certificate](#)
[Java Certificate](#)
[C++ Certificate](#)
[C# Certificate](#)
[XML Certificate](#)

[FORUM](#) | [ABOUT](#)

W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning. Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness of all content. While using W3Schools, you agree to have read and accepted our [terms of use](#), [cookie](#) and [privacy policy](#).

Copyright 1999-2022 by Refsnes Data. All Rights Reserved.
W3Schools is Powered by W3.CSS.

