pip

pip Installs Packages

pip

Viele Module in Python-Installation enthalten

- wenn nicht: Installation über Paketmanager pip

- sorgt im Hintergrund auch für Aktualisierungen

- Aufruf über Kommandozeile wie Interpreter

pip

Prüfen ob pip installiert

```
$> pip -help
```

- Kommandozeile

- nicht in Python

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Modul nicht installliert

```
~$ python3
Python 3.12.2 (main, Apr 16 2024, 09:36:35) [GCC 11.4.0] on
linux
Type "help", "copyright", "credits" or "license" for more
information.

>>> import simplejson
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
ModuleNotFoundError: No module named 'simplejson'
```

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Installation mit pip

```
~$ pip install simplejson
Defaulting to user installation because normal site-packages is
not writeable
Collecting simplejson
  Using cached simplejson-3.19.3-cp312-cp312-
manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_17_x86_64.man
ylinux2014_x86_64.whl.metadata (3.2 kB)

Installing collected packages: simplejson
Successfully installed simplejson-3.19.3
```

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Installation erfolgreich

```
peter@Rechenkiste:~$ python3
Python 3.12.2 (main, Apr 16 2024, 09:36:35) [GCC 11.4.0] on
linux
Type "help", "copyright", "credits" or "license" for more
information.

>>> import simplejson
>>>
```

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Deinstallation mit pip

```
~$ pip uninstall simplejson
Found existing installation: simplejson 3.19.3
Uninstalling simplejson-3.19.3:
  Would remove:


/home/peter/.local/lib/python3.12/site-packages/simplejson-3.19.
3.dist-info/*
    /home/peter/.local/lib/python3.12/site-packages/simplejson/*
Proceed (Y/n)? Y
  Successfully uninstalled simplejson-3.19.3
```

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Achtung bei mehreren Python-Installationen

- installieren in der gewünschten

- jede hat eigenes Verzeichnis

Which pip command would you use to uninstall a previously installed package?

```
a) pip uninstall packagename

b) pip --remove packagename

c) pip delete packagename

d) pip --uninstall packagename
```