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Set Up Sublime Text 3 to use Python 3 – Hariyanto – Medium

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3 minutes

This is writing is here to help you set up your simple IDE for code using Python 3 on your computer especially on UNIX environment 😁

Step 1: Make sure you already have Python 3xx on your computer!

```
$ python3 --version
Python 3.7.1
```

Make sure you use **python3** to check your Python3 version ☺

If your computer says that you don't have Python3, you can download it from the Python website https://www.python.org/downloads/ and installed it on your computer.

Step 2: Make sure you already have Sublime Text on

your computer!

At the time of this writing, the latest sublime is `Sublime Text 3` you can download it from https://www.sublimetext.com and install it right away

Sublime Text 3

Step 3: Let's setting Python3 on your Sublime Text

Create a `new file` and save it with extension `.py` for example save it as `checkversion.py`

Go to `Tools -> Build System -> Python` then type on your `checkversion.py`

```
import sys
print(sys.version)
```

then press **CTRL + B** to run the code on Sublime

Example check version on Sublime Text 3

As you see, the version on the sublime is `Python 2.7` we need to use `Python 3`. Then we can set the `Sublime Text` to use Python3 instead of Python2. Here's the step:

First: Check where is your Python3 path using this command

UNIX STYLE

```
$ which python3
/usr/local/bin/python3
```

WINDOWS STYLE

```
C:\Users\<users>py
```

```
Python 3.7.1 (v3.7.1:260ec2c36a, Oct 20
2018, 14:05:16) [MSC v.1915 32 bit (Intel)]
on win32
Type "help", "copyright", "credits" or
"license" for more information.
>>> import os
>>> import sys
>>> os.path.dirname(sys.executable)
'C:\\Users\\<user>\\AppData\\Local\\Programs
\\Python\\Python37-32'
```

Second: Add new build system on your Sublime

`Tools -> Build System -> New Build System` and make sure that the new build system has this following command

UNIX STYLE

```
{
 "cmd": ["/usr/local/bin/python3", "-u",
"$file"],
 "file_regex": "^[ ]File \"(...?)\", line
([0-9]*)",
 "selector": "source.python"
}
```

WINDOWS STYLE

```
{
 "cmd":["C:/Users/<user>/AppData/Local
/Programs/Python/Python37-32/python.exe",
"-u", "$file"],
```

```
  "file_regex": "^[ ]File \"(...?)\", line
([0-9]*)",
  "selector": "source.python"
}
```

and save this file as `newPython3.sublime-build`

Third: Select your new system build `newPython3` and re-run the `checkversion.py` and now it should be using `Python 3`

Now you can use Python3 on your Sublime Text! Happy coding 😁