

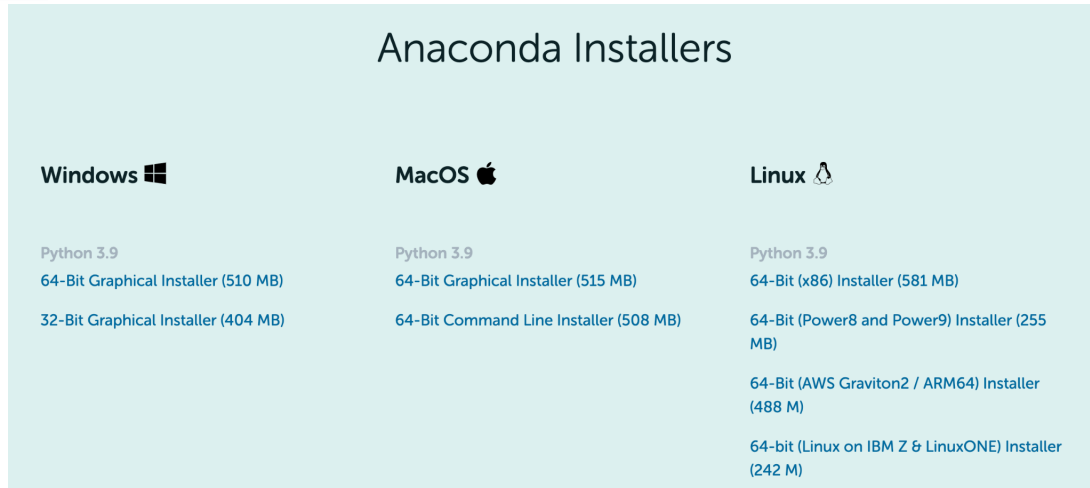
[Ubuntuでホームディレクトリ内のディレクトリ名を英語表記に](#)

## Anaconda

参考 ==> <https://www.sejuku.net/blog/85373>

AnacondaはSiteIに行ってdownloadしてくる。

[Anaconda公式](#)



## Pulp

参考 ==> [https://docs.pyq.jp/python/math\\_opt/pulp.html](https://docs.pyq.jp/python/math_opt/pulp.html)

インストール実行例

```
(base) kyaita@kyaita-VirtualBox:~$ pip3 install -U pulp
Collecting pulp
  Using cached PuLP-2.5.1-py3-none-any.whl (41.2 MB)
Installing collected packages: pulp
Successfully installed pulp-2.5.1
(base) kyaita@kyaita-VirtualBox:~$
```

## ortoolpy

インストール実行例

```
(base) kyaita@kyaita-VirtualBox:~$ pip3 install ortoolpy
Collecting ortoolpy
  Downloading ortoolpy-0.2.38-py3-none-any.whl (24 kB)
Requirement already satisfied: pulp<3.0.0,>=2.3.1 in ./anaconda3/lib/python3.9/site-packages (from ortoolpy) (2.5.1)
Requirement already satisfied: more-itertools<9.0.0,>=8.6.0 in ./anaconda3/lib/python3.9/site-packages (from ortoolpy) (8.10.0)
Requirement already satisfied: pandas<2.0.0,>=1.1.4 in ./anaconda3/lib/python3.9/site-packages (from ortoolpy) (1.3.4)
Requirement already satisfied: python-dateutil>=2.7.3 in ./anaconda3/lib/python3.9/site-packages (from pandas<2.0.0,>=1.1.4->ortoolpy) (2.8.2)
Requirement already satisfied: pytz>=2017.3 in ./anaconda3/lib/python3.9/site-packages (from pandas<2.0.0,>=1.1.4->ortoolpy) (2021.3)
Requirement already satisfied: numpy>=1.17.3 in ./anaconda3/lib/python3.9/site-packages (from pandas<2.0.0,>=1.1.4->ortoolpy) (1.20.3)
Requirement already satisfied: six>=1.5 in ./anaconda3/lib/python3.9/site-packages (from python-dateutil>=2.7.3->pandas<2.0.0,>=1.1.4->ortoolpy) (1.16.0)
Installing collected packages: ortoolpy
Successfully installed ortoolpy-0.2.38
(base) kyaita@kyaita-VirtualBox:~$
```

## OpenCV

インストール実行例

```
(base) kyaita@kyaita-VirtualBox:~$ pip3 install opencv-python
Collecting opencv-python
  Downloading opencv_python-4.5.4.60-cp39-cp39-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (60.3 MB)
    | 60.3 MB 11.6 MB/s
Requirement already satisfied: numpy>=1.19.3 in ./anaconda3/lib/python3.9/site-p
```

```

ackages (from opencv-python) (1.20.3)
Installing collected packages: opencv-python
Successfully installed opencv-python-4.5.4.60
(base) kyaita@kyaita-VirtualBox:~$
(base) kyaita@kyaita-VirtualBox:~$ pip3 install opencv-contrib-python
Collecting opencv-contrib-python
  Downloading opencv_contrib_python-4.5.4.60-cp39-cp39-manylinux_2_17_x86_64.man
ylinux2014_x86_64.whl (66.4 MB)
    | ████████████████████████████████████████████████████████████████████████████ | 66.4 MB 8.1 MB/s
Requirement already satisfied: numpy>=1.19.3 in ./anaconda3/lib/python3.9/site-p
ackages (from opencv-contrib-python) (1.20.3)
Installing collected packages: opencv-contrib-python
Successfully installed opencv-contrib-python-4.5.4.60
(base) kyaita@kyaita-VirtualBox:~$

```

## Dlib

ちょっと手間で時間がかかるが、次を参照してインストールできた。

<https://blog.123abcsoft.com/2021/02/14/dlib%E5%85%A5%E9%96%80/#orgfd4aae1>

「3.2.1 Python用のパッケージインストール(Ubuntu20.04)」と「3.2.2 Python用のパッケージインストール」(pip3) でインストール

## MeCab

次に記載の手順でインストールする。

[https://qiita.com/kado\\_u/items/e736600f8d295afb8bd9](https://qiita.com/kado_u/items/e736600f8d295afb8bd9)

curl is not found のエラーが出たら、curl をインストールする。

```
$ sudo apt install curl
```

python3で使用できるようにする。

```

(base) kyaita@kyaita-VirtualBox:~/Documents/Work/mecab-ipadic-neologd$ pip3 install mecab-python3
Collecting mecab-python3
  Downloading mecab_python3-1.0.4-cp39-cp39-manylinux_2_5_x86_64.manylinux1_x86_64.whl (489 kB)
    | ████████████████████████████████████████████████████████████████████████████ | 489 kB 6.7 MB/s
Installing collected packages: mecab-python3
Successfully installed mecab-python3-1.0.4
(base) kyaita@kyaita-VirtualBox:~/Documents/Work/mecab-ipadic-neologd$

```