

1. Homebrew で依存関係をインストール（必要ないかも？）

Install the required libraries

You must install some dependencies before installing Spinnaker for MacOS. These dependencies are available through a package manager called Homebrew. Homebrew is not available by default in MacOS so you may have to install it first.

To install the dependencies:

1. If Homebrew is not already installed, in terminal run the following:

```
user$: /usr/bin/ruby -e "$(curl -fsSL  
https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

2. If prompted, enter your password.
3. Wait until you see "Next Steps". Homebrew is now installed.
4. In terminal run the following:

```
user$: brew install pkg-config ffmpeg@2.8 libomp libusb
```

This installs all the required dependencies.

2. SDK をダウンロード（実質）

<https://www.flir.com/products/spinnaker-sdk/>

Install Spinnaker

If you already have a different version of Spinnaker installed on your macOS, you need to uninstall this prior to installing the new version. See [Uninstall Spinnaker](#)

1. Download the Spinnaker SDK from our website at:
<https://www.flir.com/products/spinnaker-sdk/>
2. In the download folder for Spinnaker-1.xx.x.xx, double-click the Spinnaker.pkg file to launch the installer.

3. PySpin の圧縮ファイルを解凍 注) python 2.7, 3.6, 3.7 のそれぞれでファイルが異なる

▼ Spinnaker 昨日 16:15	
▶ apps	昨日 16:15
▶ bin	昨日 16:15
▶ doc	昨日 16:15
▶ include	昨日 16:15
▶ lib	昨日 16:15
▶ licenses	昨日 16:15
▼ PySpin 昨日 16:15	
spinnaker_..._intel.tar.gz	2019年10月8日 0:48
spinnaker_...6_64.tar.gz	2019年10月8日 0:48
spinnaker_...6_64.tar.gz	2019年10月8日 0:48
README.txt	2019年10月8日 0:48
▶ src	昨日 16:15
▶ Utilities	昨日 16:15

4. 解凍済みファイルのディレクトリで pip でライブラリをインストール

```
$ pip install spinnaker_python-1.x.x.x-cp37-cp37m-win_amd64.whl
```

5. Example ディレクトリ下の **Acquisition.py** で撮影のコードを実行できる。

↓ テスト撮影の画像



```
image 4, width = 2448, height = 2048
Image saved at Acquisition-16276830-4.jpg
Grabbed Image 5, width = 2448, height = 2048
Image saved at Acquisition-16276830-5.jpg
Grabbed Image 6, width = 2448, height = 2048
Image saved at Acquisition-16276830-6.jpg
Grabbed Image 7, width = 2448, height = 2048
Image saved at Acquisition-16276830-7.jpg
Grabbed Image 8, width = 2448, height = 2048
Image saved at Acquisition-16276830-8.jpg
Grabbed Image 9, width = 2448, height = 2048
Image saved at Acquisition-16276830-9.jpg
Camera 0 example complete...
Done! Press Enter to exit...
c:\python37\python.exe Acquisition.py
Library version: 1.27.0.40
Number of cameras detected: 1
Running example for camera 0...
*** DEVICE INFORMATION ***
DeviceID: 16276830
DeviceSerialNumber: 16276830
DeviceVendorName: 16276830
```

\$ pip install pyspin でも同様のライブラリがインストールできるかも（未検証）