

```
In [1]: !pip install icrawler
```

```
Collecting icrawler
  Downloading https://files.pythonhosted.org/packages/78/a2/1ac26a2c39b87bef4ef8cb39cb4f33e04041f4a9f04f8cc3dfa1251e0304/icrawler-0.6.2-py2.py3-none-any.whl
Requirement already satisfied: six>=1.10.0 in c:\WpythonWanaconda3WlibWsite-packages (from icrawler) (1.12.0)
Requirement already satisfied: Pillow in c:\WpythonWanaconda3WlibWsite-packages (from icrawler) (6.1.0)
Requirement already satisfied: lxml in c:\WpythonWanaconda3WlibWsite-packages (from icrawler) (4.3.4)
Requirement already satisfied: requests>=2.9.1 in c:\WpythonWanaconda3WlibWsite-packages (from icrawler) (2.22.0)
Requirement already satisfied: beautifulsoup4>=4.4.1 in c:\WpythonWanaconda3WlibWsite-packages (from icrawler) (4.7.1)
Requirement already satisfied: idna<2.9,>=2.5 in c:\WpythonWanaconda3WlibWsite-packages (from requests>=2.9.1->icrawler) (2.8)
Requirement already satisfied: urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 in c:\WpythonWanaconda3WlibWsite-packages (from requests>=2.9.1->icrawler) (1.24.2)
Requirement already satisfied: chardet<3.1.0,>=3.0.2 in c:\WpythonWanaconda3WlibWsite-packages (from requests>=2.9.1->icrawler) (3.0.4)
Requirement already satisfied: certifi>=2017.4.17 in c:\WpythonWanaconda3WlibWsite-packages (from requests>=2.9.1->icrawler) (2019.6.16)
Requirement already satisfied: soupsieve>=1.2 in c:\WpythonWanaconda3WlibWsite-packages (from beautifulsoup4>=4.4.1->icrawler) (1.8)
Installing collected packages: icrawler
Successfully installed icrawler-0.6.2
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```
In [2]: from icrawler.built_in import BingImageCrawler
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```
In [4]: bing_crawler = BingImageCrawler(
        downloader_threads=4,
        storage={'root_dir': './cnn_sample/cnn_sample/crawling'} # value에 경로 입력
    )
    # filter
```

```
In [5]: bing_crawler.crawl(keyword='Unripe tomatoes', filters=None, offset=0, max_num=1000) #  
keyword에 검색어, max_num = 최대 파일수
```