

In [1]:



```
pip install linkedin-jobs-scraper
```

Collecting linkedin-jobs-scraper

Downloading linkedin_jobs_scraper-1.12.0-py3-none-any.whl (32 kB)

Requirement already satisfied: websocket-client in c:\python\lib\site-packages (from linkedin-jobs-scraper) (1.3.2)

Requirement already satisfied: selenium in c:\python\lib\site-packages (from linkedin-jobs-scraper) (3.141.0)

Requirement already satisfied: requests in c:\python\lib\site-packages (from linkedin-jobs-scraper) (2.24.0)

Requirement already satisfied: certifi>=2017.4.17 in c:\python\lib\site-packages (from requests->linkedin-jobs-scraper) (2020.6.20)

Requirement already satisfied: chardet<4,>=3.0.2 in c:\python\lib\site-packages (from requests->linkedin-jobs-scraper) (3.0.4)

Requirement already satisfied: idna<3,>=2.5 in c:\python\lib\site-packages (from requests->linkedin-jobs-scraper) (2.10)

Requirement already satisfied: urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 in c:\python\lib\site-packages (from requests->linkedin-jobs-scraper) (1.25.1)

Installing collected packages: linkedin-jobs-scraper

Successfully installed linkedin-jobs-scraper-1.12.0

Note: you may need to restart the kernel to use updated packages.

WARNING: Ignoring invalid distribution -illow (c:\python\lib\site-packages)

WARNING: Ignoring invalid distribution -atplotlib (c:\python\lib\site-packages)

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In [2]:

```
import logging
from linkedin_jobs_scraper import LinkedinScraper
from linkedin_jobs_scraper.events import Events, EventData
from linkedin_jobs_scraper.query import Query, QueryOptions, QueryFilters
from linkedin_jobs_scraper.filters import RelevanceFilters, TimeFilters
from linkedin_jobs_scraper.filters import TypeFilters, ExperienceLevelFilters
from linkedin_jobs_scraper.filters import RemoteFilters
```

In [3]:

```
# Change root logger level (default is WARN)
logging.basicConfig(level = logging.INFO)
```

In [4]:

```
def on_data(data: EventData):
    print('[ON_DATA]', data.title, data.company, data.company_link,
          data.date, data.link, data.insights, len(data.description))

def on_error(error):
    print('[ON_ERROR]', error)

def on_end():
    print('[ON_END]')
```

In [5]:

```
scraper = LinkedinScraper(
    chrome_executable_path=None, # Custom Chrome executable path (e.g. /foo/bar/bin/chrome)
    chrome_options=None, # Custom Chrome options here
    headless=True, # Overrides headless mode only if chrome_options is None
    max_workers=1, # How many threads will be spawned to run queries concurrently (one)
    slow_mo=1, # Slow down the scraper to avoid 'Too many requests 429' errors (in seconds)
)
```

```
INFO:li:scraper:('Using strategy AnonymousStrategy',)
WARNING:li:scraper:("AnonymousStrategy is no longer maintained and it won't probably work. It is recommended to use an authenticated session, see documentation at https://github.com/spinlud/py-linkedin-jobs-scraper#anonymous-vs-authenticated-session.",) (https://github.com/spinlud/py-linkedin-jobs-scraper#anonymous-vs-authenticated-session.,)
```

In [6]:

```
# Add event listeners
scraper.on(Events.DATA, on_data)
scraper.on(Events.ERROR, on_error)
scraper.on(Events.END, on_end)
```

In [7]:



```
queries = [  
    Query(  
        options=QueryOptions(  
            optimize=True, # Blocks requests for resources like images and stylesheet  
            limit=27 # Limit the number of jobs to scrape,  
        )  
    ),  
    Query(  
        query='Engineer',  
        options=QueryOptions(  
            locations=['United States'],  
            optimize=False,  
            apply_link = True, # Try to extract apply link (slower because it needs to  
            limit=5,  
            filters=QueryFilters(  
                company_jobs_url='https://www.linkedin.com/jobs/search/?f_C=1441%2C17876  
                relevance=RelevanceFilters.RECENT,  
                time=TimeFilters.MONTH,  
                type=[TypeFilters.FULL_TIME, TypeFilters.INTERNSHIP],  
                experience=None,  
            )  
        )  
    ),  
]
```

In []:



```
scraper.run(queries)
```