

Business need:

Automated firmware download from various vendors

Our solution:

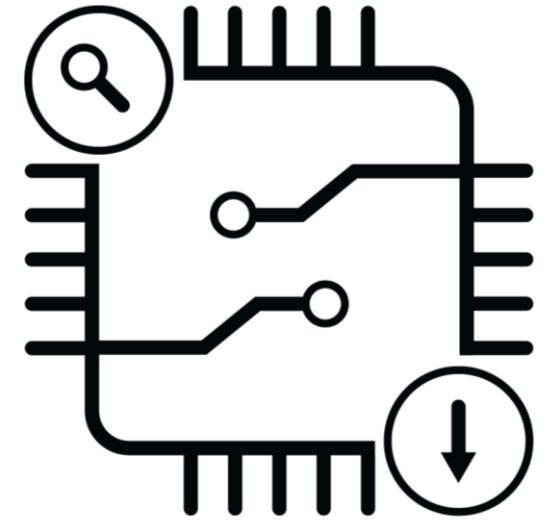
Python Selenium based script for downloading firmware and storing their meta data in MySQL database.

```
python_scraper_1 | 2023-01-31 16:20:31,139 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:21:34,543 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:22:38,613 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:23:41,730 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:24:45,019 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:25:48,378 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:26:51,638 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:27:55,915 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:28:59,673 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:30:03,489 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:31:07,088 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:32:11,447 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:33:15,701 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:34:19,556 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:35:22,897 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:36:26,351 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:37:40,519 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:38:44,477 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:39:48,431 - Netgear.py: 52 - INFO - Scrap
python_scraper_1 | 2023-01-31 16:40:52,385 - Netgear.py: 52 - INFO - Scrap
```

Functionalities:

- scheduled searching for firmware
- checking for presence in the database
- downloading the updated firmware's information
- storing the meta data in the MySQL database.

Overall, ensuring that the information in the data base is up to date and available for further analysis.



AMOS Firmware Scraper

