

FIRMADYNE SCRAPER

The firmware scraper's aim was to download firmware images and associated metadata from supported device vendor websites.

Dependencies:

There are two dependencies in Firmdyne scraper:

1. Psycopg2
2. Scrapy

Functionalities:

1. A Firmawdyne scrapper update improves the functionality and features of the devices.
2. It extracts data like images and associated metadata from the supported device vendor websites.
3. To run a scrapper it can use by: `scrapy crawl dlink`.
4. Extract data in form of JSON format.
5. It also extracts data from all supported devices vendor websites in parallel by using GNU Parallel: `parallel -j 4 scrapy crawl ::: `for i in ./firmware/spiders/*.py; do basename ${i%.*}; done``

Challenges:

Due to a large amount of data from vendor websites, it stops in the middle while it shows error message.