

Code Description

Website and REST API

1. **src/main_streamlit.py**

Main file for streamlit website. Streamlit is a popular Python library for creating web applications with minimal code, making it easy to turn data scripts into shareable web apps.

2. **src/main.py**

Main file for REST API endpoints. It typically serves as the main entry point for a web application or service that provides REST API endpoints.

3. **src/scrapper.py**

Contains methods to scrap individual websites to retrieve searched items. Each method in this file is typically tailored to work with a particular website's layout and structure. It is coded to locate and extract the data you need accurately.

4. **src/scrapper_mt.py**

Contains methods to scrap individual websites to retrieve searched items using multithreading. It provides much better performance than scraper.py

5. **src/configs.py**

Contains the configurations for website scrapers. These configurations allow you to customize the behavior of your scrapers without having to modify the code directly.

6. **src/configs_mt.py**

Contains the configurations for multithreaded website scrapers. Multithreaded scrapers use multiple threads to parallelize the scraping process, allowing them to scrape multiple websites or web pages simultaneously, which can significantly improve performance and efficiency.

7. **src/url_shortener.py**

Contains method to shorten large urls using pyshorteners (tiny.cc) API

8. **src/formattr.py**

Contains additional utility methods to format search queries, URLs, results and other texts.