

Page Scraper Program

Description

The Page Scraper is a versatile application designed to connect to websites, extract specific content such as links or images, and store the extracted data in an organized manner. This can be particularly useful for web developers, researchers, or anyone needing to collect and analyze web content efficiently.

Key Features:

- **Content Extraction:** Connects to specified websites and extracts links, images, or other content.
- **No Duplicates:** Ensures that extracted content does not contain duplicates.
- **Data Storage:** Saves extracted content in an easily searchable and organized format.
- **User Interface:** Provides a simple interface for users to input URLs and view extracted content.
- **Error Handling:** Handles errors gracefully, ensuring that the program continues to run smoothly even if a website is unreachable or a particular extraction fails.

How to Use:

1. **Run the Application:** Start the application using your Python environment.
2. **Input URL:** Enter the URL of the website you want to scrape.
3. **Select Content Type:** Choose the type of content you want to extract (links, images, etc.).
4. **Extract Content:** Run the scraper to connect to the website and extract the specified content.
5. **View Extracted Content:** The extracted content will be displayed in the application interface.
6. **Save Results:** Save the extracted content to a file or database for further analysis.

This application simplifies the process of web scraping, providing a user-friendly way to collect and manage web content effectively.