

Python Web Scraping Documentation

Overview

This document provides a detailed explanation of a Python script designed for web scraping using the `requests` and `BeautifulSoup` libraries.

Main Components

1. **Main Script**:

- Fetches a webpage using `requests` and parses the HTML content using `BeautifulSoup`.

2. **Functions**:

- `fetch_webpage()`: Takes a URL and returns the HTML content of the webpage.
- `parse_html()`: Takes the HTML content and returns specific elements.

Code Walkthrough

```
```python
```

```
import requests
```

```
from bs4 import BeautifulSoup
```

```
def fetch_webpage(url):
```

```
 response = requests.get(url)
```

```
 return response.text
```

```
def parse_html(html):
 soup = BeautifulSoup(html, 'html.parser')
 return soup.title.text

if __name__ == "__main__":
 webpage = fetch_webpage("https://example.com")
 print(parse_html(webpage))
...
```