

JASSS Dataset Scraper Manual (scraper.py)

1. Download the BeautifulSoup package using 'pip install beautifulsoup'
2. Set the desired loop settings for the scraper. In this picture, the scraper will scrape from JASSS volumes 1-26, issues 1-4, and paper numbers 1-30.

```
# settings for scraper loop
starting_volume = 1
ending_volume = 26

starting_issue = 1
ending_issue = 4

starting_number = 1
ending_number = 30
```

3. Make sure to set the desired delay between requests. The recommended value is at least 3 seconds per request.

```
print(f"Data written for paper {paper_id}, URI {uri}")
paper_id += 1
# set figure here for delay between requests
time.sleep(3)

# exception handler
except Exception as e:
    print(f"Error encountered for paper: volume {vo}")
```

4. Run the script. The dataset will be saved in a file called 'jasss_dataset.csv' by default. You can change the target of the dataset location/filename here:

```
# write-to-dataset
with open('jasss_dataset.csv', mode='w', newline='') as csv_file:
    writer = csv.writer(csv_file, delimiter='|')
    writer.writerow(['ID', 'Title', 'URI', 'Publish_date', 'Authors'])
```