

War Thunder Squad Scraper

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SquadAPI for short is a Python based web scraper that pulls web data and turns it into a formatted JSON list

[GitHub](#)

<https://github.com/ksu-is/WarThunder-SS>

The PowerShell window shows the application's logs:

```
Windows PowerShell
Made by Colin Kennel, for App Dev I
Made for Scraping War Thunder Squadron data, using CloudScraper, BeautifulSoup, FastAPI and Uvicorn.

Running version: 1.0.8-S

Endpoints:
- / for the main page
- /squadron/[squadronName] for squadron data
- /squadroninfo/[squadronName] for squadron stats
- /version for API version

[SquadAPI]: INFO: Caching is enabled (1 Hour cache), you can disable using --no-cache flag.
[Uvicorn]: INFO: Started server process [32744]
[Uvicorn]: INFO: Waiting for application startup.
[SquadAPI]: INFO: Starting up the server...
[Uvicorn]: INFO: Application startup complete.
[Uvicorn]: INFO: Uvicorn running on http://0.0.0:8000 (Press CTRL+C to quit)
[Uvicorn]: INFO: 127.0.0.1:58892 - "GET / HTTP/1.1" 200
[SquadAPI]: [CloudScraper]: Attempting to fetch and bypass Cloudflare for: WAR THUNDER SQUAD
[SquadAPI]: [Cache Worker]: Fetched and cached HTML for squadron: WAR THUNDER SQUAD
[SquadAPI]: Debug: Skipping Player due to invalid rating: None and invalid activity: None
[SquadAPI]: INFO: Ignore any warnings below, Uvicorn just does that `_^(`)_/
[Uvicorn]: INFO: 127.0.0.1:58892 - "GET /squadron/WAR%20THUNDER%20SQUAD HTTP/1.1" 200
```

The browser screenshot shows the JSON output of the API endpoint for the 'WAR THUNDER SQUAD' squadron:

```
localhost:8000/squadron/WAR%20THUNDER%20SQUAD
{
  "members": [
    {
      "username": "Kamikaze0",
      "rating": 0,
      "activity": 2958,
      "rank": "Commander",
      "joindate": "16.01.2019"
    },
    {
      "username": "Blaukupa",
      "rating": 0,
      "activity": 3968,
      "rank": "clan/deputy",
      "joindate": "18.01.2019"
    },
    {
      "username": "Pivnec2",
      "rating": 0,
      "activity": 137,
      "rank": "Private",
      "joindate": "18.01.2019"
    },
    {
      "username": "jezoSK",
      "rating": 0,
      "activity": 2568,
      "rank": "Sergeant",
      "joindate": "24.01.2019"
    },
    {
      "username": "solim100",
      "rating": 0,
      "activity": 3968,
      "rank": "Sergeant",
      "joindate": "22.04.2019"
    },
    {
      "username": "LoboOrtikol",
      "rating": 0,
      "activity": 3481,
      "rank": "Sergeant",
      "joindate": "13.12.2019"
    },
    {
      "username": "MLGg@live",
      "rating": 0,
      "activity": 2231,
      "rank": "Sergeant",
      "joindate": "25.03.2021"
    },
    {
      "username": "ilikecheese",
      "rating": 0,
      "activity": 2357,
      "rank": "Sergeant",
      "joindate": "02.06.2021"
    },
    {
      "username": "VirtualR7",
      "rating": 0,
      "activity": 1646,
      "rank": "Private",
      "joindate": "02.09.2021"
    },
    {
      "username": "Darth_Bread1@psn",
      "rating": 0,
      "activity": 2831,
      "rank": null,
      "joindate": null
    }
  ]
}
```

- Pulls live data from War Thunder
- JSON formatted
- Easy to run
- Detailed logs
- CloudFlare bypass

