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shitter / shitter

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Alternative Twitter front-end. Fork of zedeus/nitter on GitHub. <https://shitter.thepixora.com>

nim nitter nitter-feed privacy self-hosted shitter twitter x xcancel

1,361 commits

2 branches

0 tags

7.9 MiB

master Find a file

HTTPS <https://codeberg.org/shitter/sh>

mv12star ddfd80fa06	graphUserTweets suspended accounts - Jayden patch	3 days ago
.github/workflows	Docker optimizations	last week
public	minor tweaks	last week
src	graphUserTweets suspended accounts - Jayden patch	3 days ago
tests	Add Articles tab to profile pages	last month
tools	Add session validation tool	2 months ago
.dockerignore	Docker optimizations	last week
.gitignore	Use Nimble local deps to fix deployment issue	4 months ago
.travis.yml	actions: add docker build (#317)	5 years ago
compose.yml	Drop redis 6, use valkey 9 (compatible)	5 days ago
config.nims	Docker optimizations	last week
Dockerfile	Docker optimizations	last week
instances.json	Update instances.json	4 days ago
LICENSE	Add license file	7 years ago
nitter.example.conf	Video preloading user pref (#5)	last week
nitter.nimble	Docker optimizations	last week
README.md	Readme - specify Patch files instead of PRs	last week
screenshot.png	Update readme and screenshot	4 years ago

Shitter - a Nitter fork

A free and open source alternative Twitter front-end focused on privacy and performance. Inspired by the [Invidious](#) project.

- No JavaScript or ads
- All requests go through the backend, client never talks to Twitter
- Prevents Twitter from tracking your IP or JavaScript fingerprint
- Uses Twitter's unofficial API (no developer account required)
- Lightweight (thanks to [@nim_lang](#), 60KB vs 784KB from twitter.com)
- RSS feeds
- Themes
- Mobile support (responsive design)

Resources

The wiki contains:

- [List of public instances](#)
- [Forks of the Nitter code repository](#)
- [Browser extensions](#) for auto-redirecting to Nitter
- Guide: [Self-hosting a Nitter instance](#)
- Guide: [How to obtain session tokens](#)
- Guide: [Using Nitter embeds](#)

Contributing

This repository does not accept Pull Requests, but contributions are welcome in the form of **Patch files**, which can be submitted on an issue and are much more convenient to merge and work with.

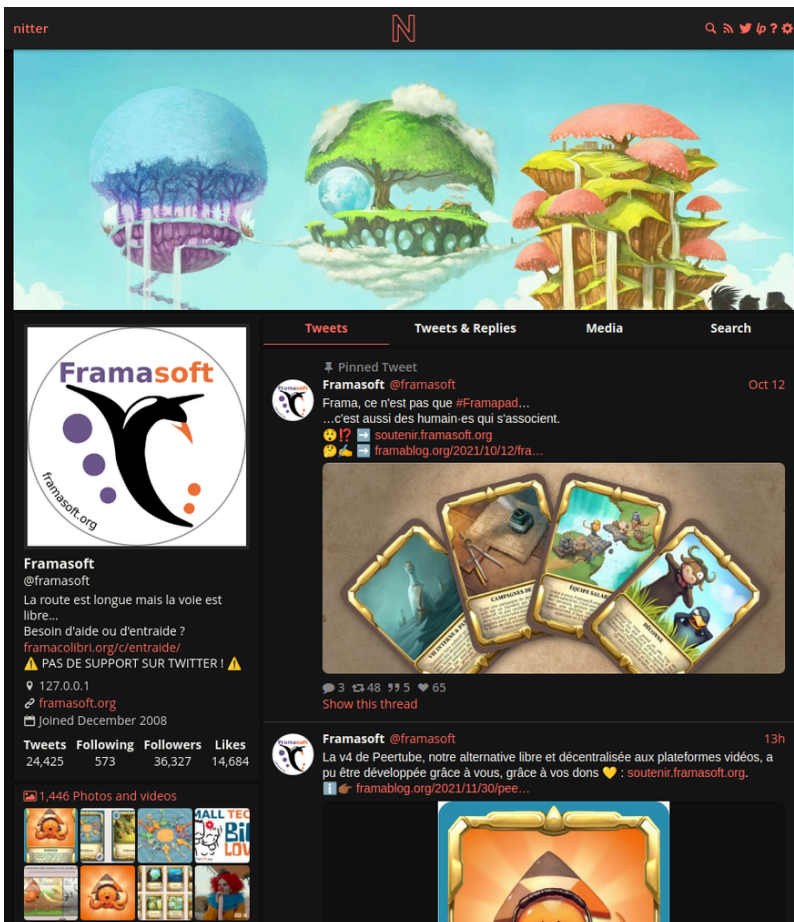
Why?

It's impossible to use Twitter without JavaScript enabled, and as of 2024 you need to sign up. For privacy-minded folks, preventing JavaScript analytics and IP-based tracking is important, but apart from using a VPN and uBlock/uMatrix, it's impossible. Despite being behind a VPN and using heavy-duty adblockers, you can get accurately tracked with your [browser's](#)

fingerprint, no JavaScript required. This all became particularly important after Twitter [removed the ability](#) for users to control whether their data gets sent to advertisers.

Using an instance of Nitter (hosted on a VPS for example), you can browse Twitter without JavaScript while retaining your privacy. In addition to respecting your privacy, Nitter is on average around 15 times lighter than Twitter, and in most cases serves pages faster (eg. timelines load 2-4x faster).

Screenshot



Install

Docker

Page for the Docker image: <https://hub.docker.com/r/mv12star/shitter>

NOTE: The published image is multi-arch — `mv12star/shitter:latest` runs natively on amd64 / armv7 / arm64 .

To run Nitter with Docker, you'll need to install and run Redis separately before you can run the container. See below for how to also run Redis using Docker.

First create your config file. The Docker commands mount it into the container, so it has to exist on the host beforehand. If you've cloned the repo:

```
cp nitter.example.conf nitter.conf
```

If you're using the prebuilt image without a local clone, download [nitter.example.conf](#) and save it as `nitter.conf` instead.

To build and run Nitter in Docker:

```
docker build -t nitter:latest .
docker run -v $(pwd)/nitter.conf:/src/nitter.conf -d --network host nitter:latest
```

A prebuilt Docker image is provided as well:

```
docker run -v $(pwd)/nitter.conf:/src/nitter.conf -d --network host mv12star/shitter:latest
```

Using docker-compose to run both Nitter and Redis as different containers: Change `redisHost` from `localhost` to `nitter-redis` in `nitter.conf`, then run:

```
docker-compose up -d
```

Note the Docker commands mount `nitter.conf` (and `sessions.jsonl` for docker-compose) from the directory you run them in. If a mounted file doesn't exist, Docker silently creates a directory in its place and the container fails with `not a directory`: Are you trying to mount a directory onto a file. Remove that directory and create the file as shown above.

systemd

To run Nitter via systemd you can use this service file:

```
[Unit]
Description=Nitter (An alternative Twitter front-end)
After=syslog.target
After=network.target

[Service]
Type=simple

# set user and group
User=nitter
Group=nitter

# configure location
WorkingDirectory=/home/nitter/nitter
ExecStart=/home/nitter/nitter/nitter

Restart=always
```

```
RestartSec=15
```

```
[Install]
```

```
WantedBy=multi-user.target
```

Then enable and run the service: `systemctl enable --now nitter.service`

Logging

Nitter currently prints some errors to stdout, and there is no real logging implemented. If you're running Nitter with systemd, you can check stdout like this: `journalctl -u nitter.service` (add `--follow` to see just the last 15 lines). If you're running the Docker image, you can do this: `docker logs --follow *nitter container id*`

Build from source

Dependencies

- libpcre
- libsass
- redis/valkey

To compile Nitter you need a Nim installation, see nim-lang.org for details. It is possible to install it system-wide or in the user directory you create below.

To compile the scss files, you need to install `libsass`. On Ubuntu and Debian, you can use `libsass-dev`.

Redis is required for caching and in the future for account info. As of 2024 Redis is no longer open source, so using the fork Valkey is recommended. It should be available on most distros as `redis` or `redis-server` (Ubuntu/Debian), or `valkey` / `valkey-server`. Running it with the default config is fine, Nitter's default config is set to use the default port and localhost.

Here's how to create a `nitter` user, clone the repo, and build the project along with the scss and md files.

```
# useradd -m nitter
# su nitter
$ git clone https://codeberg.org/shitter/shitter
$ cd nitter
$ nimble -l build -d:danger --mm:refc
$ nimble -l scss
$ nimble -l md
$ cp nitter.example.conf nitter.conf
```

Set your hostname, port, HMAC key, https (must be correct for cookies), and Redis info in `nitter.conf`. To run Redis, either run `redis-server --daemonize yes`, or `systemctl enable -`

-now redis (or redis-server depending on the distro). Run Nitter by executing `./nitter` or using the systemd service below. You should run Nitter behind a reverse proxy such as [Nginx](#) or [Apache](#) for security and performance reasons.

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