

Microcosm

Microcosm is a tiny lightweight micropub endpoint written in Python to support my website Brainstorm.

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Intro to Microcosm

Warning: This page is very much a work in progress

Microcosm is a tiny and lightweight micropub server written in python to support a static site powered by [Hugo](#)

It works by accepting micropub payloads and storing them in a Git repository that backs a hugo site. A CI pipeline can then be used to update the live site.

Currently Microcosm supports [Gitea](#) API but the intention is that it should support other Git providers (or possibly other VCS systems).

Features

- Authentication via [IndieAuth](#) protocol and public [Token Endpoints](#)
- Micropub publication that is compliant with [micropub.rocks](#) test suite

IndieWeb post types supported

- Like
- Bookmark
- Reply
- Note
- Article
- Repost
- Watch
- Listen
- Read
- RSVP

Planning

- Move configuration out into yaml file - the mishmash of environment variables is pretty gross
- Add an FTP option for photo upload
- Add simple UI for obtaining a token