

PLAYING WITH THE

INDIEWEB

WHO AM I?

STEPHEN RUSHE

The Auteurs

[Releases](#) [Lyrics](#) [News](#) [Reviews and Interviews](#) [Images](#) [Links](#) [Who's Who](#) [What's New](#)



Welcome to the unofficial Auteurs homepage. This is the latest incarnation of the site in its [long history](#). The site is fully up-to-date with all Auteurs releases that I know of. Obviously if you have any information fell free to let me know.

Releases

The Releases section contains details (catalogue numbers etc.) of the albums and singles released by The Auteurs. You can also find details of appearances on compilations, promo releases and bootlegs.

News

The latest news and happenings in the world of the Auteurs. Seeing as they seem to have gone on an extended break, this may be slow to update!

Who's Who

The Who's Who section attempts to explain who is who, where is where and what is what in the songs. Feel free to contribute!

Lyrics

The Lyrics section contains the lyrics from all three albums, and a number of the b-sides from singles. As to the accuracy I can only say that I may have made a few mistakes in copying and in listening to the b-sides.

Review and Interviews

The Reviews and Interviews section contains reviews of the albums, singles, concerts and general interviews. Some of the articles are short and sweet, others longer.

Images

The Images section contains pictures of albums covers, singles covers, band shots and various other shots. Different sizes are available in a display of wonderful generosity on my part.

MAKING WEBSITES SINCE 1994



WORK AT SHOPKEEP

WHAT IS THE

INDIEWEB?

WHAT IS THE INDIEWEB?

THE INDIEWEB IS A COMMUNITY OF INDIVIDUAL PERSONAL WEBSITES, CONNECTED BY SIMPLE STANDARDS, BASED ON THE PRINCIPLES OF **OWNING YOUR DOMAIN, USING IT AS YOUR PRIMARY IDENTITY, TO PUBLISH ON YOUR OWN SITE (OPTIONALLY SYNDICATE ELSEWHERE), AND OWN YOUR DATA.**

<https://indieweb.org/IndieWeb>

KEY PRINCIPLES

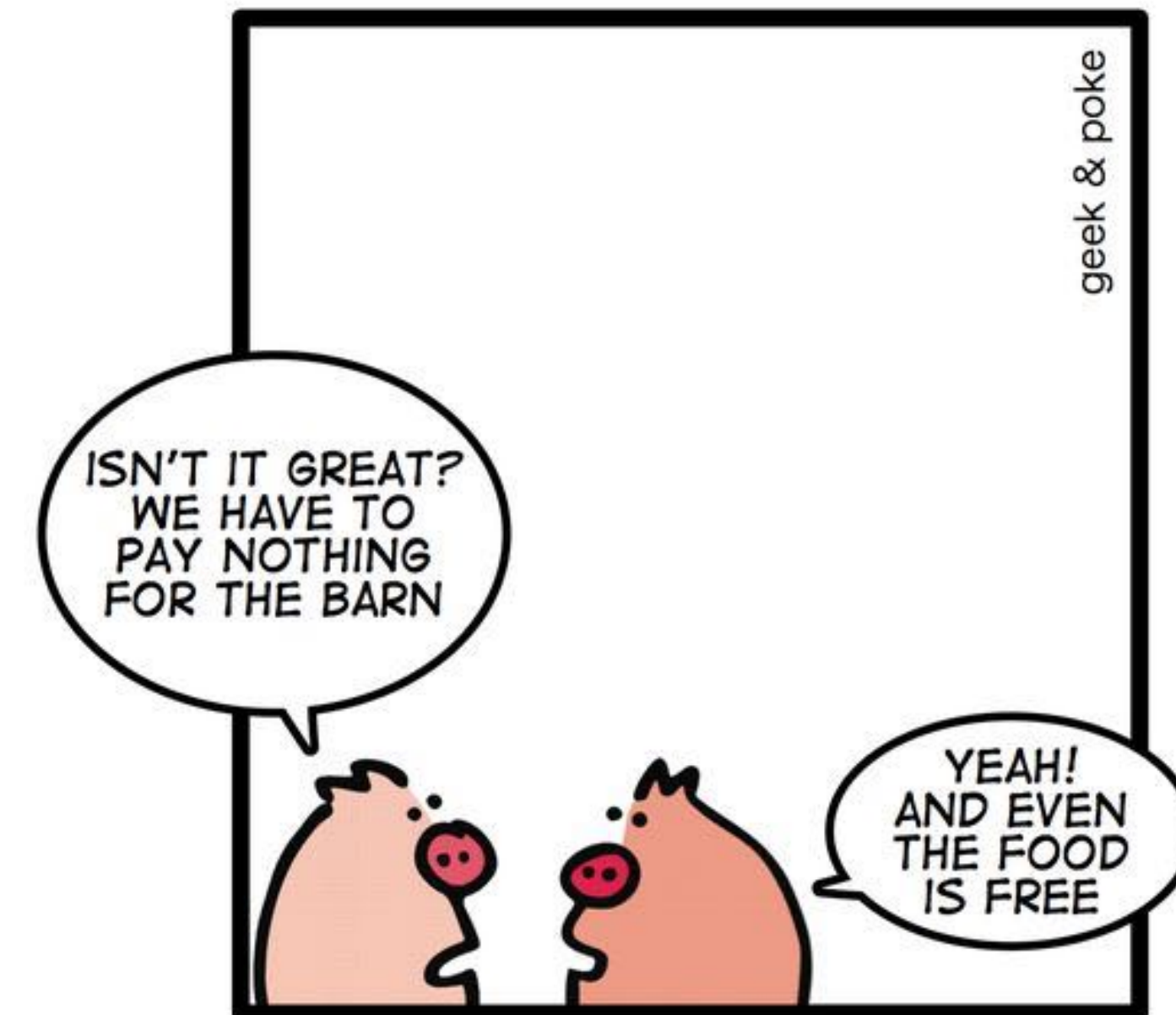
- ▶ Own your data
- ▶ Make tools for yourself
- ▶ Use what you make
- ▶ Document
- ▶ Open source
- ▶ Plurality
- ▶ Have fun

WHAT IS THE INDIEWEB?

WHY MIGHT I GO INDIE?

SILOS

- ▶ Require you to create an account specific to the site
- ▶ Allow you to interact only with others with accounts on the site
- ▶ Allow you to post some form of content
- ▶ And typically have one or more of the following:
 - ▶ An access wall that restricts indexing some or all of the content
 - ▶ A restrictive terms of service
 - ▶ Claims some ownership or license to any content you create
 - ▶ Restricts your ability to import/export your content, comments etc.



PIGS TALKING ABOUT THE "FREE" MODEL

SITE DEATHS

- ▶ Geocities
- ▶ MySpace
- ▶ Google Wave
- ▶ Delicious
- ▶ Orkut
- ▶ Picasa
- ▶ Readability
- ▶ Google Reader
- ▶ Magnolia
- ▶ myOpenID
- ▶ Panoramio
- ▶ app.net
- ▶ Twitpic
- ▶ ...and many more.

THE RUMORS ARE TRUE. GOOGLE
WILL BE SHUTTING DOWN PLUS—
ALONG WITH HANGOUTS, PHOTOS,
VOICE, DOCS, DRIVE, MAPS, GMAIL,
CHROME, ANDROID, AND SEARCH—
TO FOCUS ON OUR CORE PROJECT:
THE 8.8.8.8 DNS SERVER.



WHAT MIGHT I BE ABLE TO DO?

- ▶ Pretty much everything you currently can
- ▶ Identify yourself (with your own site)
- ▶ Publish your content
- ▶ Read other content
- ▶ Comment, Favourite, Like, Bookmark, Reply To
- ▶ Keep using your favourite silos (via syndication)
- ▶ Control your own data

FIRST STEPS

FIRST STEPS

1. OWN YOUR DOMAIN

Domain name:
deeden.co.uk

Data validation:
Nominet was able to match the registrant's name and address against a 3rd party data source on 23-Jan-2014

Registrar:
eNom LLC [Tag = ENOM]
URL: <http://www.enom.com>

Relevant dates:
Registered on: 24-Feb-2000
Expiry date: 24-Feb-2019
Last updated: 17-Feb-2018

Registration status:
Registered until expiry date.

Sorted that long ago

FIRST STEPS

2. SETUP YOUR SITE

Stephen Rushe - deeden

Hello, my name is Stephen Rushe and I drink tea, love cats, and provide sarcasm-as-a-service. I'm also responsible for [Cricsheet](#), a project to provide ball-by-ball data for cricket.

Why deeden?

My sister, when she was very young, had trouble saying "Stephen" and would say "Deeden". I've taken to using it on occasion as a username, and it was useful when registering a domain name (in the distant past).

You can also find me elsewhere:

[GitHub](#) • [Twitter](#)

```
<!doctype html>
<html>
  <head>
    <meta http-equiv="content-type" content="text/html; charset=utf-8">
    <meta name="mobile-web-app-capable" content="yes" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://fonts.googleapis.com/css?family=Open+Sans" rel="stylesheet">
    <link rel="authorization_endpoint" href="https://indieauth.com/auth">
    <link rel="token_endpoint" href="https://tokens.indieauth.com/token">
    <title>Stephen Rushe - deeden.co.uk</title>
    <style type="text/css" media="screen">
      body { margin: 0; font-family: "Open Sans"; }
      .container { height: 100vh; display: flex; justify-content: center; align-items: center; flex-direction: column }
      h1 { font-family: "Open Sans", Arial, sans-serif; font-size: 2em }
      p { max-width: 50em; line-height: 1.5em }
      ul li { display: inline }
      li + li::before { content: " • " }

      @media (max-width: 50em) {
        .container { padding: 0 1em }
      }
    </style>
  </head>
  <body>
    <div class="container">
      <h1>Stephen Rushe - deeden</h1>

      <div class="h-card">
        <p class="p-note">
          Hello, my name is <span class="p-name">Stephen Rushe</span> and I drink tea, love cats, and provide sarcasm-as-a-service. I'm also responsible for <a href="https://cricsheet.org/">Cricsheet</a>, a project to provide ball-by-ball data for cricket.
        </p>

        <h2>Why deeden?</h2>

        <p>My sister, when she was very young, had trouble saying "Stephen" and would say "Deeden". I've taken to using it on occasion as a username, and it was useful when registering a domain name (in the distant past).</p>

        <h2>
          You can also find me elsewhere:
        </h2>

        <ul>
          <li><a class="u-url" href="https://github.com/srushe" rel="me">GitHub</a></li>
          <li><a class="u-url" href="https://twitter.com/srushe" rel="me">Twitter</a></li>
          <li><a href="mailto:me@deeden.co.uk" rel="me">me@deeden.co.uk</a></li>
        </ul>
      </div>
    </div>
  </body>
</html>
```

A BRIEF DIVERSION INTO

MICROFORMATS 2

MICROFORMATS 2

- ▶ Additions to HTML to easily markup...
 - ▶ blog posts
 - ▶ people
 - ▶ organizations
 - ▶ events
 - ▶ locations, and more...
- ▶ IndieWeb use microformats to publish a easily grabbable data

API GUIDE

REQUEST URL FORMAT:

`http://www.com/<username>/<item ID>`

SERVER WILL RETURN AN XML DOCUMENT WHICH CONTAINS:

- THE REQUESTED DATA
- DOCUMENTATION DESCRIBING HOW THE DATA IS ORGANIZED SPATIALLY

API KEYS

TO OBTAIN API ACCESS, CONTACT THE X.509-AUTHENTICATED SERVER AND REQUEST AN ECDH-RSA TLS KEY...



IF YOU DO THINGS RIGHT, IT CAN TAKE PEOPLE A WHILE TO REALIZE THAT YOUR "API DOCUMENTATION" IS JUST INSTRUCTIONS FOR HOW TO LOOK AT YOUR WEBSITE.


```
<div class="h-card">
  <p class="p-note">
    Hello, my name is <span class="p-name">Stephen Rushe</span> and I drink tea, love
    cats, and provide sarcasm-as-a-service. I'm also responsible for <a href="https://
    cricsheet.org/">Cricsheet</a>, a project to provide ball-by-ball data for cricket.</
  p>
```

```
<h2>Why deeden?</h2>
```

```
<p>My sister, when she was very young, had trouble saying "Stephen" and would say
"Deeden". I've taken to using it on occasion as a username, and it was useful when
registering a domain name (in the distant past).</p>
```

```
<h2>You can also find me elsewhere:</h2>
```

```
<ul>
```

```
<li><a class="u-url" href="https://github.com/srushe" rel="me">GitHub</a></li>
```

```
<li><a class="u-url" href="https://twitter.com/srushe" rel="me">Twitter</a></li>
```

```
<li><a href="mailto:me@deeden.co.uk" rel="me">Twitter</a></li>
```

```
</ul>
```

```
</div>
```

FIRST STEPS

3. AND YOU'RE DONE

INDIEAUTH

INDIEAUTH IS A FEDERATED LOGIN PROTOCOL FOR WEB SIGN-IN, ENABLING USERS TO **USE THEIR OWN DOMAIN TO SIGN IN TO OTHER SITES AND SERVICES.**

<https://indieweb.org/IndieAuth>

INDIEAUTH

1. ENTER YOUR URL

Try It!

Web Address:

INDIEAUTH

2. APP RETRIEVES AUTHORIZATION ENDPOINT

```
<link rel="authorization_endpoint"  
      href="https://indieauth.com/auth">
```

INDIEAUTH

3. AUTHENTICATE VIA AUTHORIZATION ENDPOINT

INDIEAUTH

REL ME AUTH


```
<li><a class="u-url" href="https://github.com/srushe"
      rel="me">GitHub</a></li>
<li><a class="u-url" href="https://twitter.com/srushe"
      rel="me">Twitter</a></li>
<li><a href="mailto:me@deeden.co.uk"
      rel="me">me@deeden.co.uk</a></li>
```

Sign in to indieauth.com

Authenticate using one of the methods below to sign in as
<https://deeden.co.uk/>

2 supported and verified providers were found!

Jun 6 Refresh



me@deeden.co.uk

Receive a verification code via email



github.com/srushe

Ok! Click to authenticate using this provider.

You will be redirected to <https://indieauth.com/success> after authorizing this application.



Sign in to GitHub
to continue to IndieAuth.com

Username or email address

Password

[Forgot password?](#)

Sign in

New to GitHub? [Create an account.](#)

You Successfully Authenticated!

Congrats! You've successfully authenticated as <https://deeden.co.uk/>

PUBLISHING

POSTS

- ▶ Content (a note, article, photo, checkin, bookmark etc.)
- ▶ In HTML
- ▶ Marked up as a microformats 2 h-entry
- ▶ Posted at a permalink
- ▶ On your personal domain

PUBLISHING

MICROPUB

```
<link rel="micropub"  
      href="https://micropub.deeden.co.uk/">
```


MICROPUB

POST TYPES

POST TYPE DISCOVERY

- ▶ A W3C Working Draft
- ▶ A simple algorithm specifies the order, and means of discovery
- ▶ Default types
 - ▶ Event
 - ▶ RSVP
 - ▶ Reply
 - ▶ Repost
 - ▶ Like
 - ▶ Video
 - ▶ Photo
 - ▶ Article
 - ▶ Note

Post Type Discovery

W3C Working Group Note 18 January 2018



This version:

<https://www.w3.org/TR/2018/NOTE-post-type-discovery-20180118/>

Latest published version:

<https://www.w3.org/TR/post-type-discovery/>

Latest editor's draft:

<http://ptd.spec.indieweb.org/>

Previous version:

<https://www.w3.org/TR/2017/WD-post-type-discovery-20170801/>

Editor:

[Tantek Çelik](#)

Repository:

[Github](#)

[Issues](#)

[Commits](#)

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Abstract

This section is non-normative.

Post Type Discovery specifies algorithms for determining the type of a post by what properties it has and potentially what value(s) they have, which helps avoid the need for explicit post types that are being abandoned by modern post creation UIs.

The [Response Type Algorithm](#) in particular specifies how a [\[Webmention\]](#) receiver determines whether a webmention is a comment, like, repost, RSVP, or other type of mention, widely implemented in practice by Webmention receivers to determine when and how to display various peer-to-peer social responses.

```
post_type = Indiweb::PostTypes.type_from(data)
```

```
Indieweb::PostTypes.configure do |config|
  config.insert_identifiers(
    klass: PostType::Bookmark,
    before: Indieweb::PostTypes::Identifier::Article
  )
end
```

```
post_type = Indieweb::PostTypes.type_from(data)
```

MICROPUB

CLIENTS

MICROPUB - CLIENTS

QUILL

Reply

Content

 280

Tags

e.g. web, personal

Slug



Syndicate [\(refresh list\)](#)

Twitter

Location

The website was not able to get permission

Post



URL to Favorite (**like-of**)

Post



Publish ▾

New

Title

Write something nice...

Publish Now

Tags:

Slug:

Status:

Published ▾

Publish:

now

MICROPUB - CLIENTS

INDIGENOUS

Automatically POSSEing Likes and Reposts

Wed, Dec 27, 2017 10:53am -08:00

My [#newwwyear](#) goal [this year](#) was to make my likes and reposts automatically POSSE to Twitter when I favorite a Tweet URL.

Previously, [Quill](#) handled doing that for me

[Cancel](#)

Choose Action

RESPONSES

Like

Repost

Bookmark

Listen

SETTINGS

Homebrew Website Club Baltimore

[Homebrew](#) [Website Club](#) [Baltimore](#)

December 26, 2017 at 10:23am EST • by [Marty McGuire](#)

See also: [Twitter](#) [Facebook](#)

[Cancel](#)

Choose Action

RESPONSES

Like

Repost

Bookmark

RSVP

SETTINGS

MICROPUB

ENDPOINTS



ONE MORE THING ABOUT AUTHENTICATION



Allow **Quill** access to **deeden.co.uk**?

The app <https://quill.p3k.io/> would like to access your site,
<https://deeden.co.uk/>

The app is requesting the following **scopes**:

- create
- update

```
<link rel="token_endpoint"  
      href="https://tokens.indieauth.com/token">
```

Or install it yourself as:

```
$ gem install indieauth-token-verification
```

🔗 Configuration

Use of the gem **requires** two environment variables to be specified, `TOKEN_ENDPOINT`, and `DOMAIN`.

`TOKEN_ENDPOINT` specifies the token endpoint to be used to validate the access token. Failure to specify `TOKEN_ENDPOINT` will result in a `IndieAuth::TokenVerification::MissingTokenEndpointError` error being raised.

`DOMAIN` specifies the domain we expect to see in the response from the validated token. It should match that specified when the token was first generated. Failure to specify `DOMAIN` will result in a `IndieAuth::TokenVerification::MissingDomainError` error being raised.

Usage

```
# Verify the provided access token, with no scope requirement
IndieAuth::TokenVerification.new(access_token).verify

# Verify the provided access token, requiring a particular scope
IndieAuth::TokenVerification.new(access_token).verify("media")
```


MICROPUB - ENDPOINTS

POSTS

POST /HTTP/1.1

Host: micropub.deeden.co.uk

Content-type: application/json

```
{  
  "type": ["h-entry"],  
  "properties": {  
    "content": ["This is a lovely photo of Chiyomaru"],  
    "category": ["sumo", "sleeping"],  
    "photo": ["https://media.deeden.co.uk/chiyomaru.jpg"]  
  }  
}
```

POST /HTTP/1.1

Host: micropub.deeden.co.uk

Content-type: application/json

```
{  
  "action": "update",  
  "url": "https://deeden.co.uk/note/123",  
  "replace": {  
    "content": ["Wibble wobble"]  
  }  
}
```

POST /HTTP/1.1

Host: micropub.deeden.co.uk

Content-type: application/json

```
{  
  "action": "delete",  
  "url": "https://deeden.co.uk/article/foo"  
}
```

POST /HTTP/1.1

Host: micropub.deeden.co.uk

Content-type: application/json

```
{  
  "action": "undelete",  
  "url": "https://deeden.co.uk/article/foo"  
}
```

```
GET /?q=config
Authorization: Bearer xxxxxxxxxx
Accept: application/json
```

```
HTTP/1.1 200 OK
Content-type: application/json
```

```
{
  "media-endpoint": "https://media.deeden.co.uk",
  "syndicate-to": [
    {
      "uid": "https://twitter.com/",
      "name": "Twitter"
    }
  ]
}
```

MICROPUB - ENDPOINTS

SOFTWARE

ENDPOINTS - SOFTWARE

- ▶ Micropub Wordpress plugin - <https://github.com/snarfed/wordpress-micropub> (PHP)
- ▶ Transformative - <https://github.com/barryf/transformative> (Ruby)
- ▶ Endpoints designed to work with static site generators:
 - ▶ <https://github.com/voxpelli/webpage-micropub-to-github> (Javascript)
 - ▶ <https://github.com/dg01d/nanopub> (PHP)

MY SOFTWARE - HO-TAN

- ▶ A Ruby Sinatra-based application
- ▶ Supports the following post types...
 - ▶ Articles, Notes, Bookmarks, Checkins
 - ▶ And one other
- ▶ Supports most of the spec (apart from media uploads)
- ▶ Generates JSON for each post
- ▶ Build by Hugo (Go static site generator)
- ▶ Currently un-released, but open-sourcing RSN



last.fm

SCROBBLING


```
Indieweb::PostTypes.configure do |config|  
  config.insert_identifier(klass: Indieweb::PostTypes::Identifier::Scrobble,  
                           before: Indieweb::PostTypes::Identifier::Article)  
end
```

```
post_type = Indieweb::PostTypes.type_from(data)
```

MICROPUB

SYNDICATION

**PUBLISH (ON) OWN SITE,
SYNDICATE ELSEWHERE**

Reply

Content

 280

Tags

e.g. web, personal

Slug



Syndicate [\(refresh list\)](#)

Twitter

Location

The website was not able to get permission

Post

**PUBLISH ELSEWHERE,
SYNDICATE (TO) OWN SITE**

PUBLISHING

WEB MENTIONS

WEBMENTIONS

HOW DOES IT WORK?

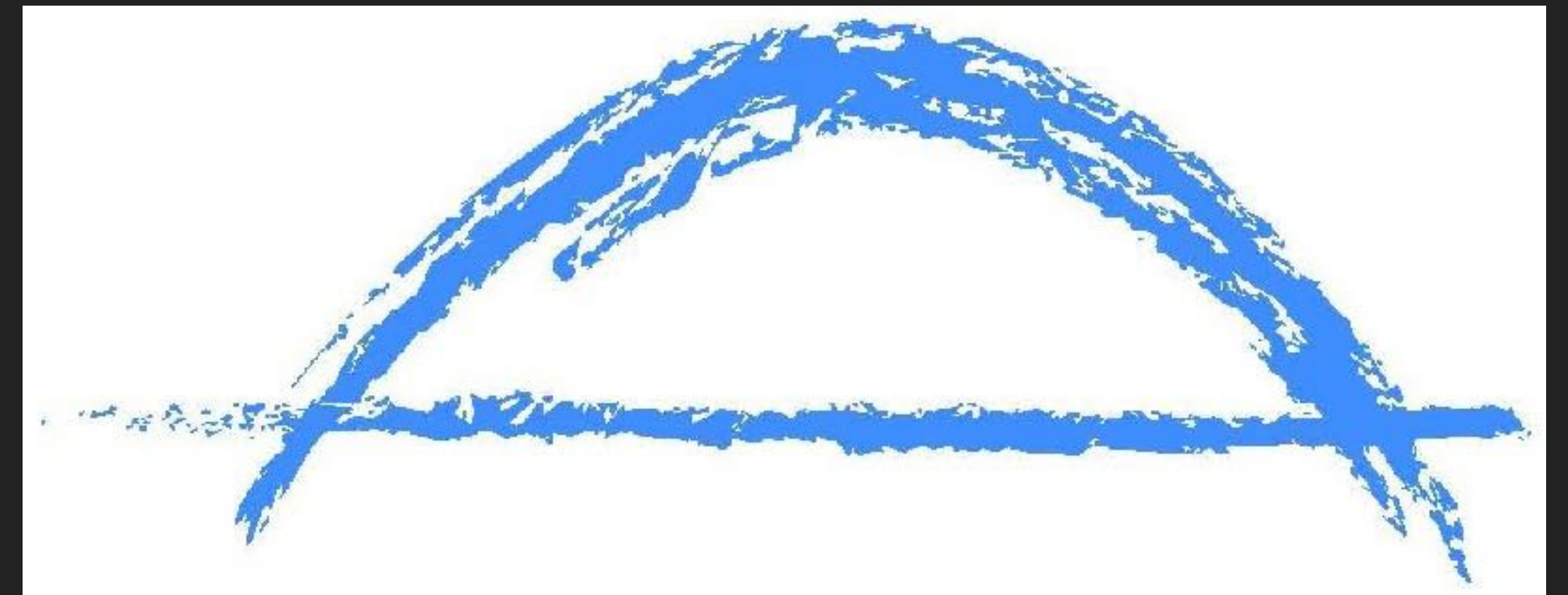
```
<link rel="webmention"  
      href="https://webmention.io/deeden.co.uk/webmention">
```

WEBMENTION.IO

BRID.GY

BRID.GY SITES

- ▶ [Twitter](#)
- ▶ [Google+](#)
- ▶ [Instagram](#)
- ▶ [Flickr](#)
- ▶ [GitHub](#)
- ▶ [Facebook](#)



READING

READING

MICROSUB

MICROSUB

AUTHENTICATION

MICROSUB


READER (CLIENT)


Notifications



 Notifications

 IndieWeb

 Twitter Mentions


 IndieWeb Friends

 micro.blog

3

 Instagram

 IndieWeb

 anomaly

 IndieWebCat

 OAuth

 Microformats

 aaronparecki.com/2018/03/12/11/aperture




nnnnnathan
micro.blog/nnnnnathan

@aaronpk My curiosity is piqued, where can I find more about Aperture?

March 12, 2018 7:13pm +00:00

 [Grant Richmond](#) liked a post on aaronparecki.com

March 12, 2018 7:02pm +00:00

 [Jared Hanson](#) liked twitter.com/aaronpk/status/973255081519808512 and aaronparecki.com/2018/03/12/10/homebrew-microblog

March 12, 2018 6:08pm +00:00

 quill.p3k.io



Marty McGuire
martymcgui.re

Micropub for a static Neocities website

This post gives more technical detail for the [recent talk that I gave at Bring-a-Hack NYC](#). In it, I describe a system that copies posts from [Ghost Party's Instagram](#) automatically to the [Ghost Party Website at ghostparty.today](https://ghostparty.today).

🔔 Notifications

🔔 IndieWeb

🐦 Twitter Mentions

😍 IndieWeb Friends

⚡ IndieWeb Public

💬 micro.blog

4

📷 Instagram

🔵

🐦 IndieWeb

✨ anomaly

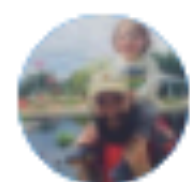
🐱 IndieWebCat

🔑 OAuth

💎 Microformats

📰 Hackernews

🔵



[ell](#)

41 minutes ago

← <https://aaronparecki.com/2018/03/12/11/aperture>

[@nnnnnathan](#) github.com/aaronpk/A...



[nnnnnathan](#)

41 minutes ago

← <https://aaronparecki.com/2018/03/12/11/aperture>

[@aaronpk](#) My curiosity is piqued, where can I find more about Aperture?



[Grant Richmond](#)

an hour ago

< aaronparecki.com



Notifications

eli

Today at 12:14 PM



@nnnnnathan github.com/
aaronpk/A...

nnnnnathan

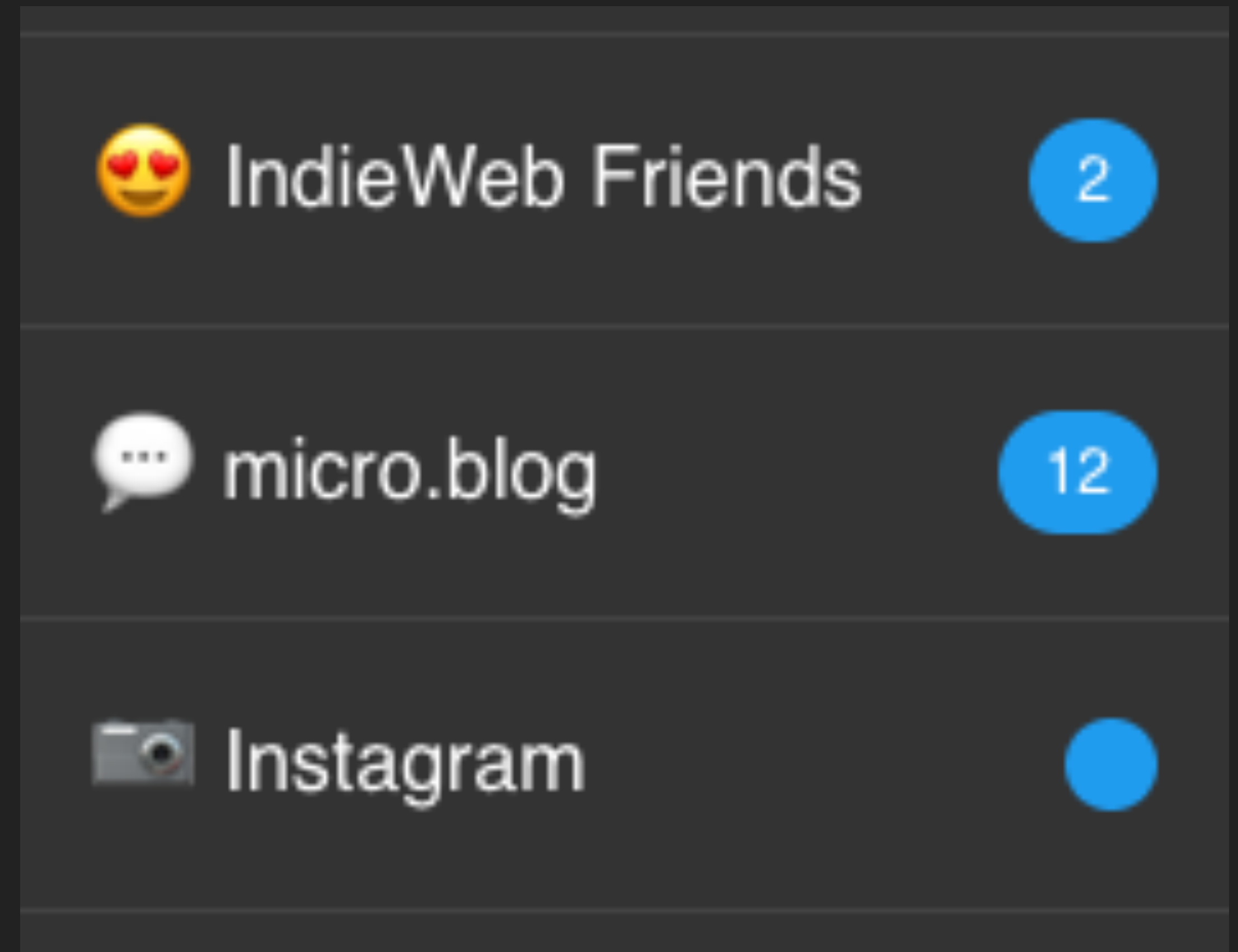
Today at 12:13 PM



@aaronpk My curiosity is piqued,
where can I find more about
Aperture?

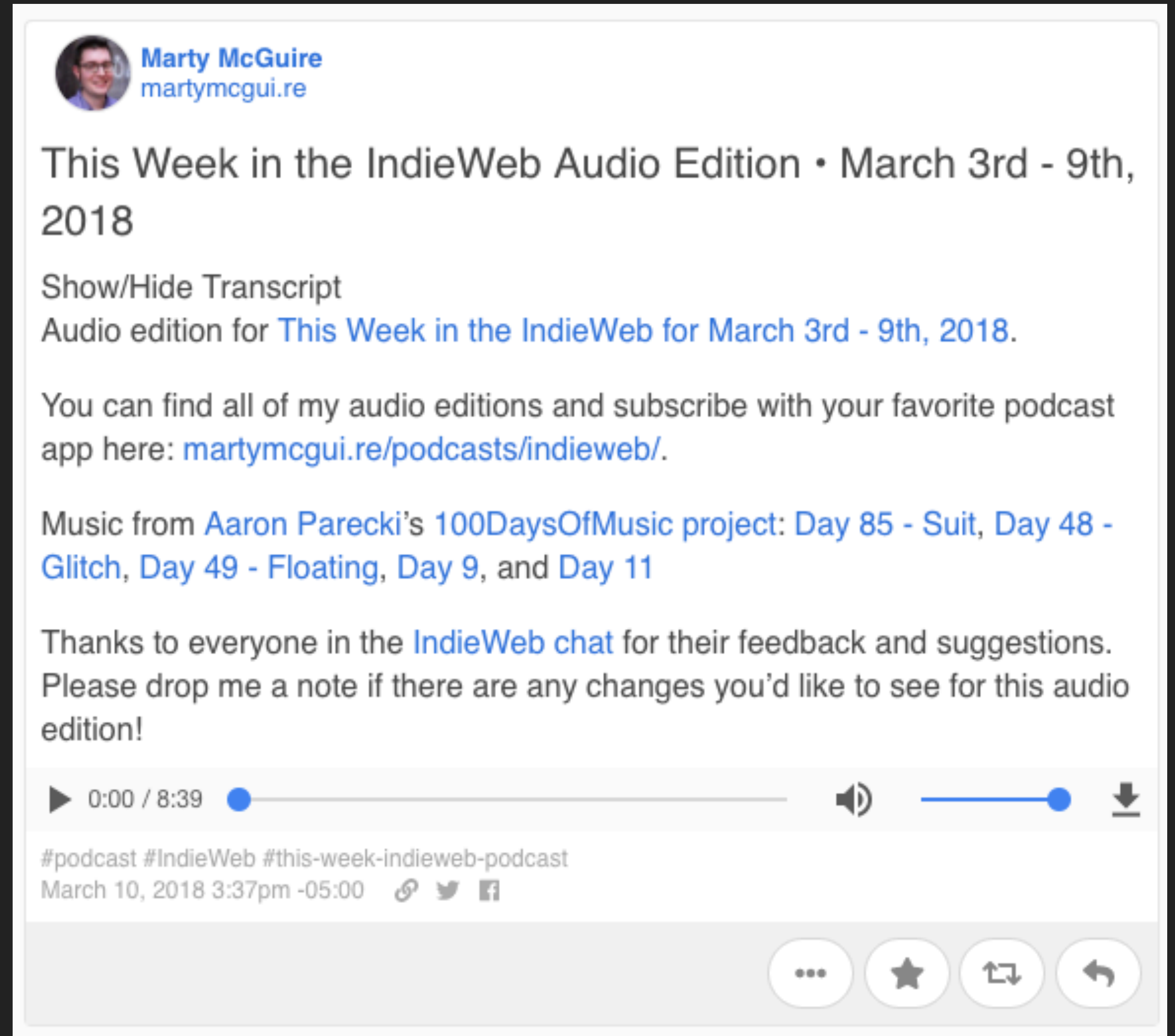
CHANNELS


- ▶ As many channels as you want
- ▶ Add/remove feeds (sources) for a channel
- ▶ Unread indicators
- ▶ Default "Notifications" channel, and one other
- ▶ Mute/block users per channel, or on all channels



POSTS

- ▶ Multiple post types supported
- ▶ "Actions" for replying, favouriting, reposting etc.
- ▶ Marked as read when scrolled past



 **Marty McGuire**
martymcgui.re




This Week in the IndieWeb Audio Edition • March 3rd - 9th, 2018




Show/Hide Transcript
Audio edition for [This Week in the IndieWeb for March 3rd - 9th, 2018](#).





You can find all of my audio editions and subscribe with your favorite podcast app here: martymcgui.re/podcasts/indieweb/.

Music from [Aaron Parecki's 100DaysOfMusic project: Day 85 - Suit, Day 48 - Glitch, Day 49 - Floating, Day 9, and Day 11](#)

Thanks to everyone in the [IndieWeb chat](#) for their feedback and suggestions. Please drop me a note if there are any changes you'd like to see for this audio edition!

▶ 0:00 / 8:39   

#podcast #IndieWeb #this-week-indieweb-podcast
March 10, 2018 3:37pm -05:00   

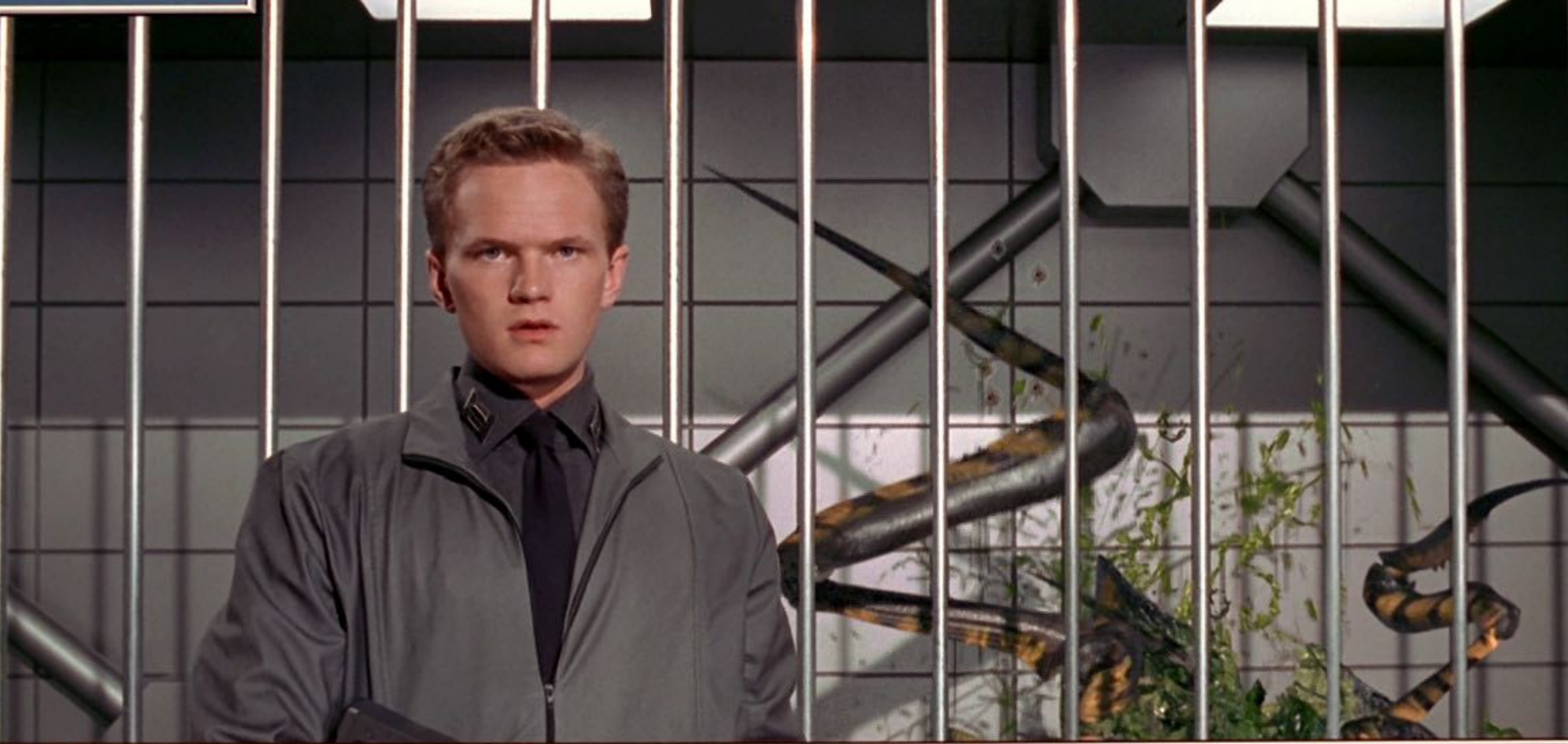
MICROSUB

SERVER

NEWS DRAGON

- ▶ Ruby-based Sinatra application
- ▶ Supports channels and posts
- ▶ IndieAuth-enabled
- ▶ Rake tasks to...
 - ▶ Add sources
 - ▶ Add source to channels
 - ▶ Update posts for a source
- ▶ Left for MVP...
 - ▶ Creating/updating/deleting channels
 - ▶ Move rake tasks to proper api calls





 WOULD YOU LIKE TO KNOW **MORE?**

RESOURCES

- ▶ indieweb.org - The main IndieWeb site, an extensive wiki
- ▶ chat.indieweb.org - Also IRC, and Slack interfaces
- ▶ [This Week in the IndieWeb](#) - A weekly email
- ▶ Homebrew Website Club
- ▶ Podcasts
 - ▶ [This Week in the IndieWeb Audio Edition](#) - A podcast of the weekly email
 - ▶ [Percolator](#) - Aaron Parecki's microcast
 - ▶ [An IndieWeb Podcast](#) - David Shanske and Chris Aldrich podcast on all things IndieWeb
- ▶ Blogs, so many blogs...

THANK YOU

IMAGE CREDITS

- ▶ [Mr Benn Shopkeeper](#) - David McKee
- ▶ [The "Free" Model](#) - Geek and Poke
- ▶ [Google Announcement](#) - XKCD
- ▶ [API](#) - XKCD
- ▶ [Indigenous Micropub screenshots](#) - Eddie Hinkle
- ▶ [Columbo](#) - Wikimedia
- ▶ [Ho-Tan](#) - Mark Johnson/WTTV Limited/Sky
- ▶ [Last.FM logo](#) - Fonts In Use
- ▶ [Bridgy Logo](#) - Brid.gy
- ▶ [Monocle screenshot](#) - Aaron Parecki
- ▶ [Together screenshot](#) - Aaron Parecki
- ▶ [Indigenous Microsub screenshot](#) - Aaron Parecki
- ▶ [Microsub channels](#) - Aaron Parecki
- ▶ [Microsub posts](#) - Aaron Parecki
- ▶ NewsDragon (screengrab) - Mark Johnson/WTTV Limited/Sky
- ▶ [Starship Troopers](#) - Super Cult Show

Other images made by the author.