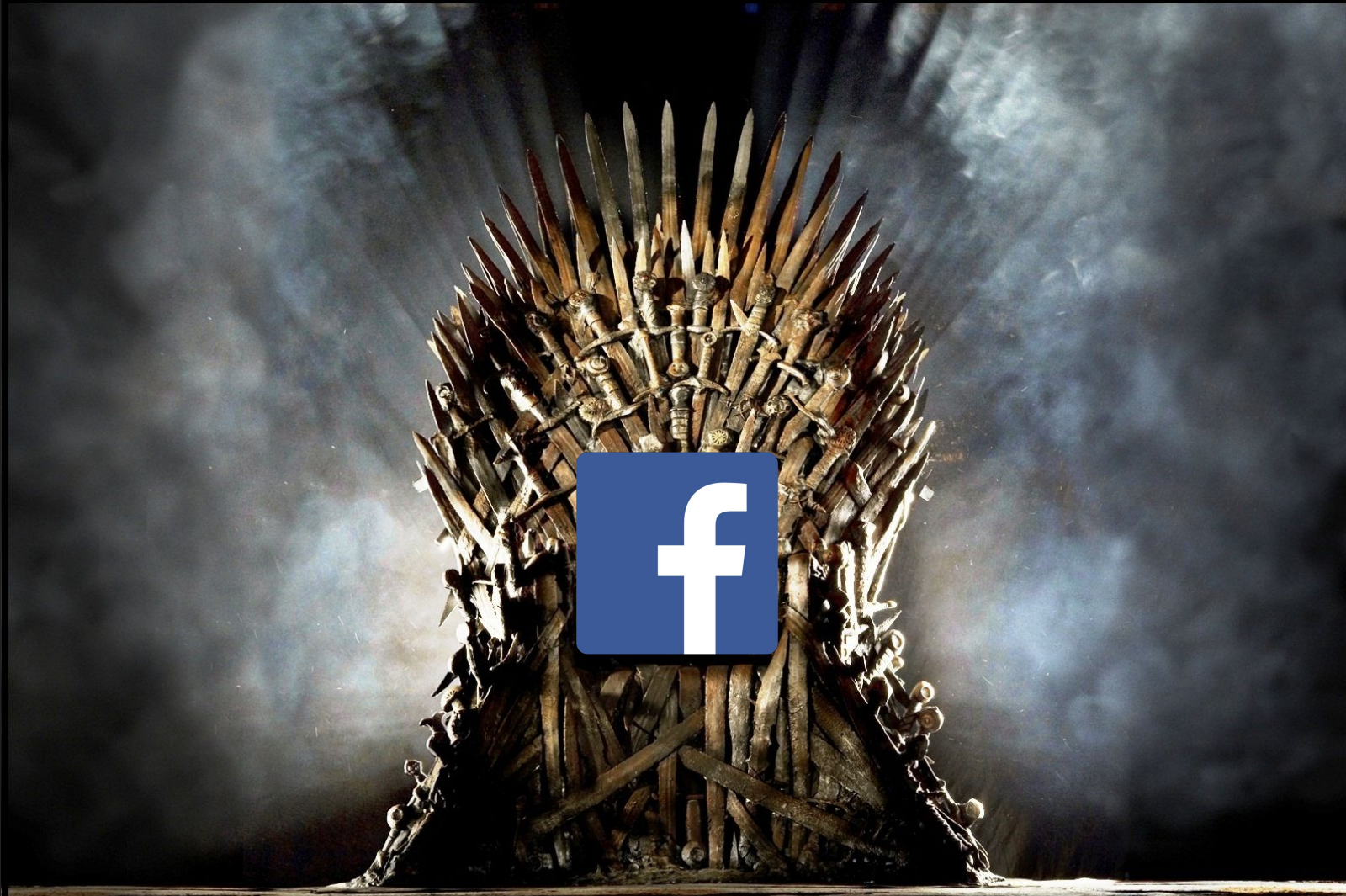# Re-Decentralizing the Web
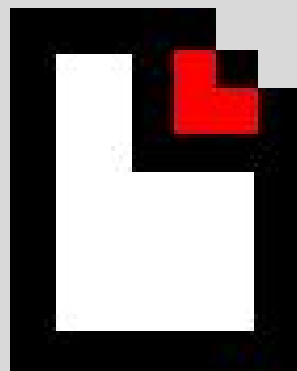
Edward L. Platt
Penguicon 2017

What is decentralization?

What is ~~de~~centralization?

Lavabit held in contempt of court for printing crypto key in tiny font [Updated]

US attorney: Lavabit "treated court orders like contract negotiations."

Ars Technica. April 26, 2014.

GIZMODO

☰

Facebook Blames Removal of Fatal Philando Castile Shooting Video on a 'Technical Glitch'

Sophie Kleeman
7/07/16 4:30pm · Filed to: FACEBOOK ⌄

By clicking Sign Up, you agree to our Terms and that you have read our Data Policy, including our Cookie Use. You may receive SMS Notifications from Facebook and can opt out at any time.

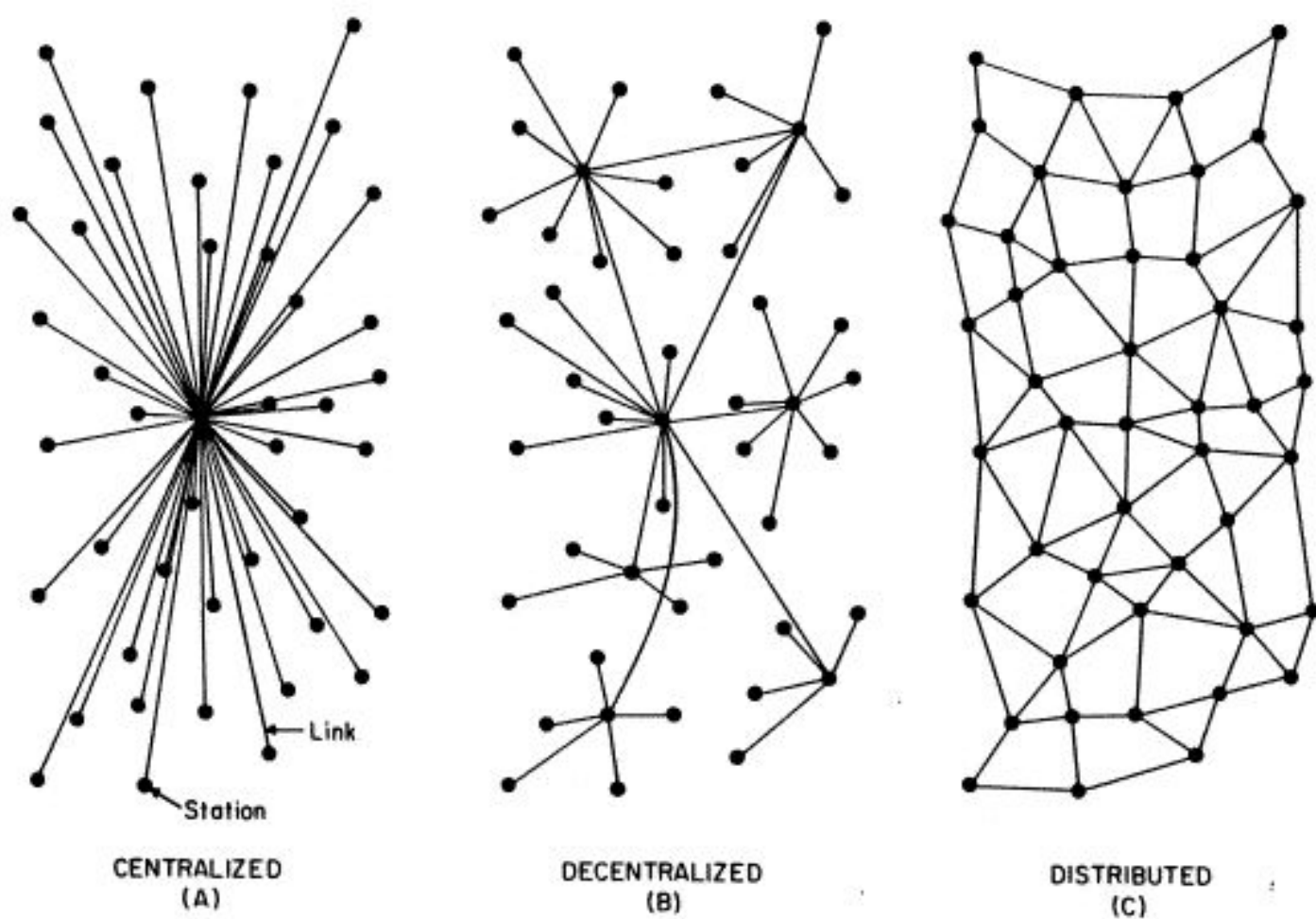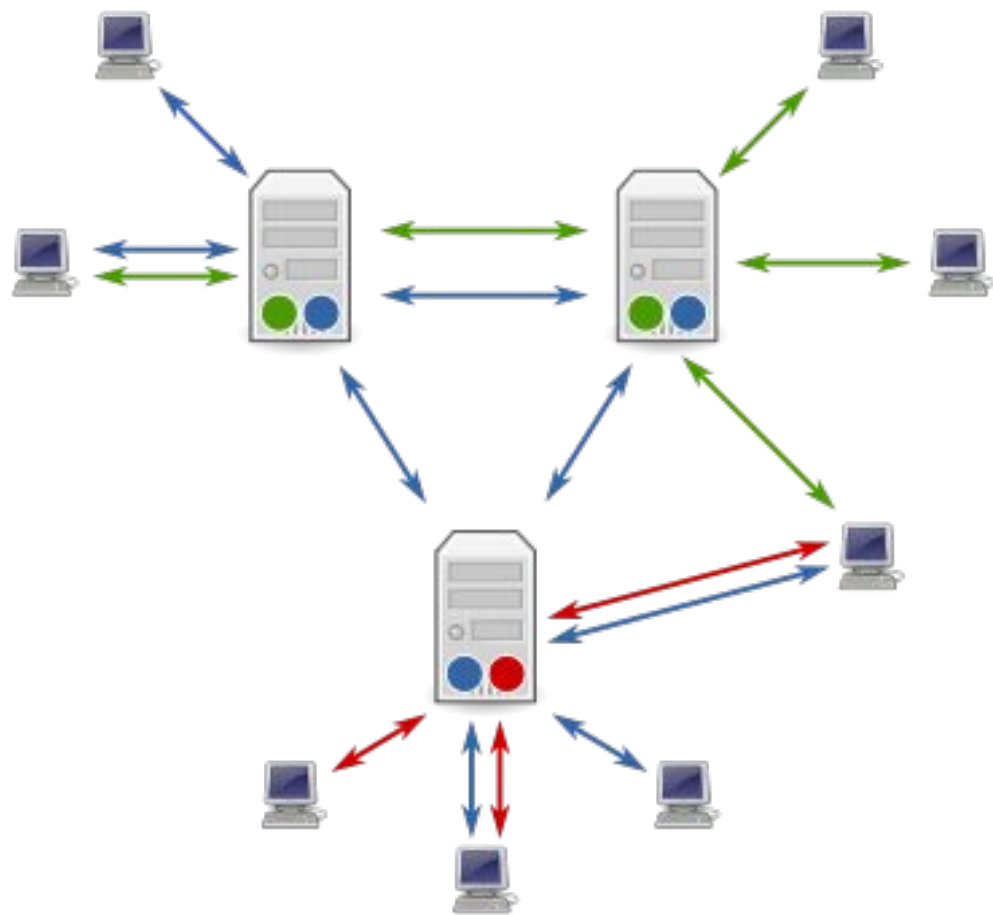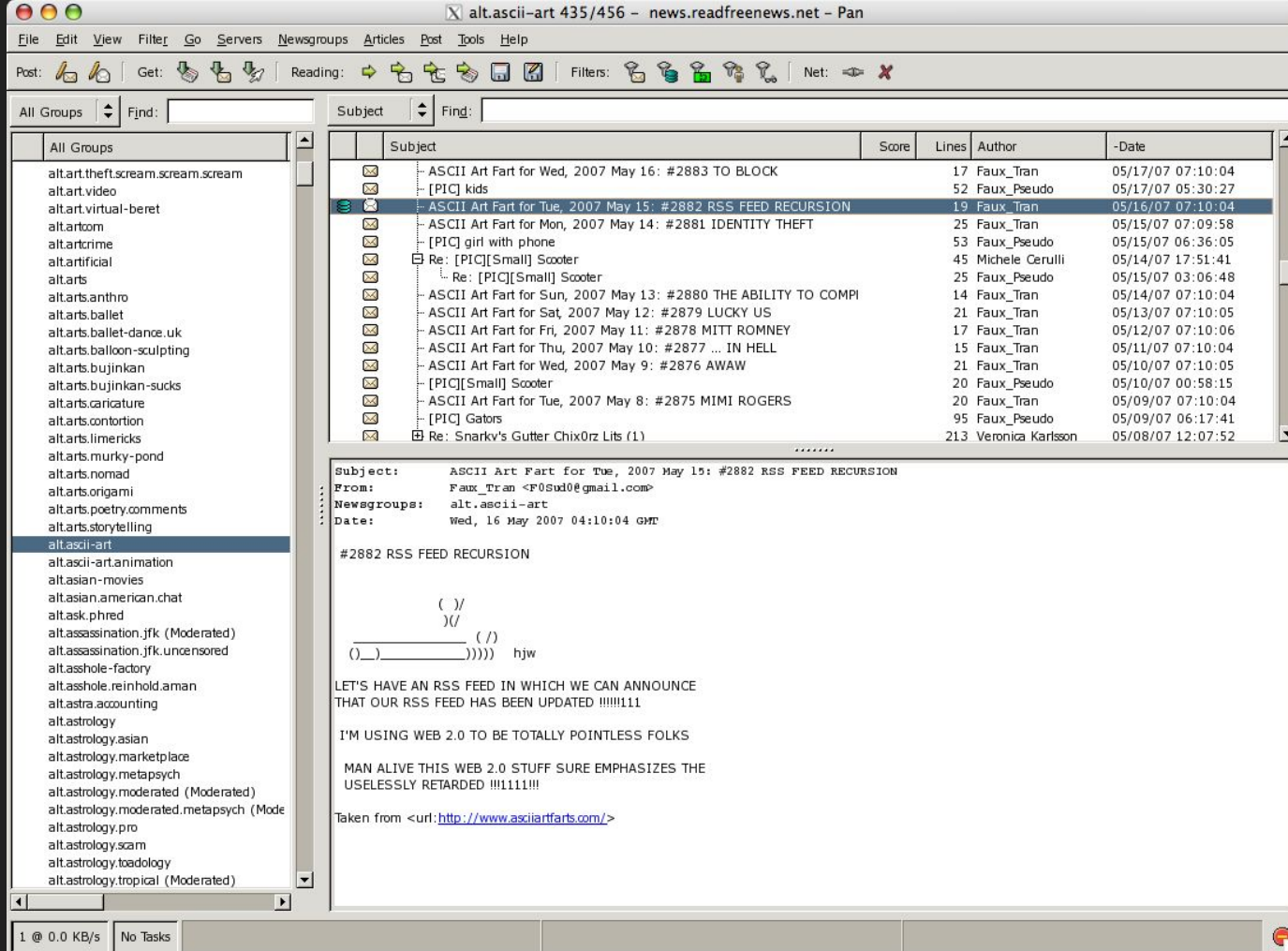FIG. I — Centralized, Decentralized and Distributed Networks

chair@penguicon.org

File   Edit   View   Filter   Go   Servers   Newsgroups   Articles   Post   Tools   Help

Post: Get: Reading: Filters: Net:

All Groups	Find:		Subject	Find:	

		Subject	Score	Lines	Author	-Date
	✉	ASCII Art Fart for Wed, 2007 May 16: #2883 TO BLOCK		17	Faux_Tran	05/17/07 07:10:04
	✉	[PIC] kids		52	Faux_Pseudo	05/17/07 05:30:27
	✉	ASCII Art Fart for Tue, 2007 May 15: #2882 RSS FEED RECURSION		19	Faux_Tran	05/16/07 07:10:04
	✉	ASCII Art Fart for Mon, 2007 May 14: #2881 IDENTITY THEFT		25	Faux_Tran	05/15/07 07:09:58
	✉	[PIC] girl with phone		53	Faux_Pseudo	05/15/07 06:36:05
	✉	⊟ Re: [PIC][Small] Scooter		45	Michele Cerulli	05/14/07 17:51:41
	✉	Re: [PIC][Small] Scooter		25	Faux_Pseudo	05/15/07 03:06:48
	✉	ASCII Art Fart for Sun, 2007 May 13: #2880 THE ABILITY TO COMPI		14	Faux_Tran	05/14/07 07:10:04
	✉	ASCII Art Fart for Sat, 2007 May 12: #2879 LUCKY US		21	Faux_Tran	05/13/07 07:10:05
	✉	ASCII Art Fart for Fri, 2007 May 11: #2878 MITT ROMNEY		17	Faux_Tran	05/12/07 07:10:06
	✉	ASCII Art Fart for Thu, 2007 May 10: #2877 ... IN HELL		15	Faux_Tran	05/11/07 07:10:04
	✉	ASCII Art Fart for Wed, 2007 May 9: #2876 AWAW		21	Faux_Tran	05/10/07 07:10:05
	✉	[PIC][Small] Scooter		20	Faux_Pseudo	05/10/07 00:58:15
	✉	ASCII Art Fart for Tue, 2007 May 8: #2875 MIMI ROGERS		20	Faux_Tran	05/09/07 07:10:04
	✉	[PIC] Gators		95	Faux_Pseudo	05/09/07 06:17:41
	✉	⊞ Re: Snarky's Gutter Chix0rz Lits (1)		213	Veronica Karlsson	05/08/07 12:07:52

Subject: ASCII Art Fart for Tue, 2007 May 15: #2882 RSS FEED RECURSION
From: Faux_Tran <F0Sud0@gmail.com>
Newsgroups: alt.ascii-art
Date: Wed, 16 May 2007 04:10:04 GMT

#2882 RSS FEED RECURSION

                ( )/
)(/
      _____ (/)
    ()__)_____)))))   hjw

LET'S HAVE AN RSS FEED IN WHICH WE CAN ANNOUNCE
THAT OUR RSS FEED HAS BEEN UPDATED !!!!!!111

I'M USING WEB 2.0 TO BE TOTALLY POINTLESS FOLKS

MAN ALIVE THIS WEB 2.0 STUFF SURE EMPHASIZES THE
USELESSLY RETARDED !!!1111!!!

Taken from <url:http://www.asciiartfarts.com/>

1 @ 0.0 KB/s   No Tasks

Photo CC Flickr user: schoschie

application blogs browser collaborative comment community content contribute create critics data desktop development edit example include increasing information interact links marketing means media networking o'reilly online page participation people personal platform product publishing refer server services sharing site social software systems tagging technologies term used users web 2.0 website

WELCOME   **BROWSE**

SORT

Newest

What's Hot

Undiscovered

Daily Deviations

Popular 24 hours

More ...

SEARCH

CATEGORIES

Digital Art

Traditional Art

Photography

Artisan Crafts

Literature

Film & Animation

Motion Books

Flash

Designs & Interfaces

Customization

Cartoons & Comics

Manga & Anime

Anthro

Fan Art
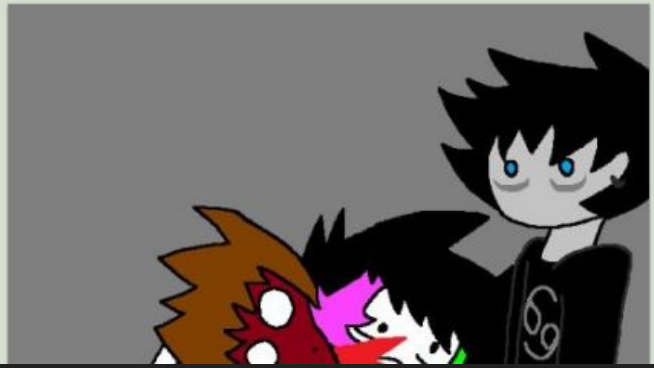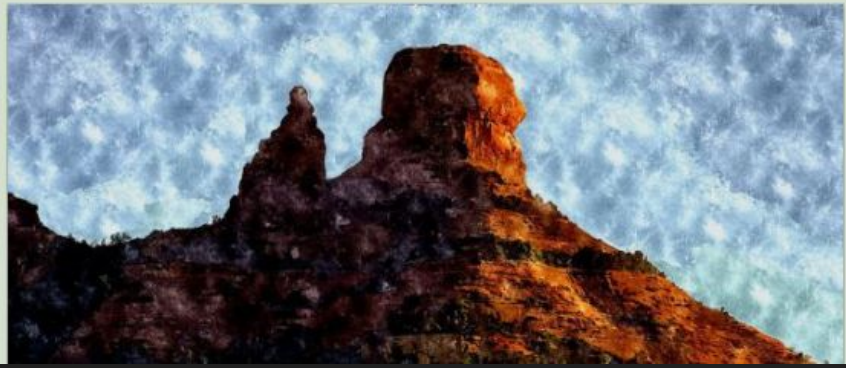
WELCOME   **BROWSE**

SORT

Newest

What's Hot

Undiscovered

Daily Deviations

Popular 24 hours

More ...

SEARCH

CATEGORIES

Comet
Minccino/Minior
Female
Normal/Rock/Flying
Hybrid

60%

Connecting...

Tools

Mastodon

Search 🔍

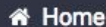**elplatt**
Edit profile

What is on your mind? 😄

📷 🌐 CW   500   **TOOT!**

🏠 Home ⚙

Alice Voidstar @Co... 56 minutes ago
My only memories of eMule are full of surprise porn and malware.

I should put a Win XP VM (for added nostalgia) behind I2P tunnels and try that sometime.

↩ 🔁 ⭐ ...

Alice Voidstar @CobaltV...1 hour ago
tfw you have a client that uses eMule.

↩ 🔁 ⭐ ...

🔁 Eugen boosted

maloki @maloki@mast... 2 hours ago
#MastoWiki Announcement:

We now have everything ready to set up an English wiki under mstdn.wiki! (I do not know about the French or other languages; if you think you can help with any of those, please send an _email_ to neetshin@neetsh.in)

That means it's time to get moving with the project, and transfer

---

🔔 Notifications 🧹 ⚙

👤 **Skennedy followed you**

Skennedy
@skenadon@mastodon.cloud

⭐ **Willow favourited your status**

Edward L Platt @elplatt   yesterday
@mxroo @Willow Triadic closure!!!

↩ 🔁 ⭐ ...

⭐ **Willow favourited your status**

Edward L Platt @elplatt   yesterday
Also, here is a random thing: 🖼

↩ 🔁 ⭐ ...

Roo K @mxroo@gender.to...yesterday
@elplatt @Willow it's true!

↩ 🔁 ⭐ ...

⭐ **Randy The Random favourited your status**

Edward L Platt @elplatt   yesterday
@RtR Welcome the the decentralized utopian future!

↩ 🔁 ⭐ ...

👤 **Hat followed you**

👥 Local timeline

🌐 Federated timeline

⚙ Preferences

⭐ Favourites

🚫 Blocked users

◀ Muted users

📖 Extended information

➡ Logout

Mastodon is open source software. You can contribute or report issues on GitHub at tootsuite/mastodon. Various apps are available.

* Getting started

👥 Local timeline

🌐 Federated timeline

elplatt

Edit profile

Spoiler alert

Jon Snow is Keyser Söze.

CW

463 TOOT!

Edward L Platt @el... 32 seconds ago
Spoiler alert   SHOW MORE

octodon.social

Home to	Who authored	Connected to
6,797	**91,455**	**1,237**
users	statuses	other instances

Octodon:

no rules in particular, be nice be reasonable call me mommy stuff like that

Seriously though: It should be similar to mastodon.social.

NSFW/any legal porn is allowed, but tag it as NSFW or make it

CONTACT

Alice Voidstar
@CobaltVelvet

Business e-mail:
avoidstar@octodon.social

LINKS

Get started

Terms

Source code

Advertising: Probably never, if any it will not be integrated into content or intrusive, at most I'm thinking about the Wikipedia way of asking for donation when needed.

Federation & Politics: It federates with nearly everything, I'll block whatever instance isn't compatible with this site's rules as needed. For example if a remote user harass a local user and their instance admin endorses it. See list at the end of this page.

Reminder: that's a private place and your free speech means very little to me and most of my users. If your instance gets blocked it's because you endorse hate and/or harassment; then why be pathetic now and bitch about it? You can't force people to like you and being an asshole won't get you friends. Go run your little world.

CW: On public toots (not unlisted, private, or direct), content warnings are required for any kind of (explicit enough) violence (with or without pics, including gore, *phobia, abuse, sexual or not) and referring to it; sexual content (pics must already be tagged as NSFW, use a CW if you have text or want to warn about specific content).

GNU Social

MAKITA IS DOGE MASTER AND MASTER OF ALL HOOMANS TOO!!!

HEM

HEM

PROFIL

SVAR

FAVORITES

BOOKMARKS

MESSAGES

PUBLIKT

PUBLIKT

GRUPPER

SENASTE TAGGAR

POPULAR

KATALOG

GRUPPER

TIME ZONE
APPROPRIATE
GREETINGS

Share your: **Status**   Bookmark   Event   Poll   Question

Share your status...

1000

Till: Alla

🔒 Privat?

SKICKA

Hemtidslinje

Znara

The human body at its most amazing... 🔗 http://balletoman.com/1629-the-sculptress-jordan-pelliteri.html#vid

för ungefär 4 timmar sedan från quitter.se

♻ identlud repeated this.

Skriv ett svar...

Erkan Yılmaz ▸ mattl , Rob Myers , efkin

cc @mattl @robmyers RT @satura anybody knows in !gs or !gnusocial which is the certificate fingerprint for 🔗 https://gnu.io/social ??

för ungefär 4 timmar sedan från fediverse.com

Visa alla 4 svar

lnxw48 (fresh)

Mikael "MMN-o" Nordfeldth

Taggar: (Ingen) ✏

✏ Redigera

💬 Message

SKICKA INBJUDNING

TRENDER

coffee

fediverse

github   gitorious

gnusocial   gs

gstranslate

openid   qvitter

tzag

Diaspora

My Activity

Start a conversation...

Hrishi

My Activity

@Mentions

Stream

My Aspects

#Followed Tags

Michelle Joy Gallagher - about 8 hours ago

"If there are junk yards in hell, love is the dog that guards the gates."
— Charles Bukowski

#bukowski #truth

Public via mobile — Unfollow · Unlike · Reshare · Comment

♥ 2 Likes

Axel Bruland
just beginning to understand this
about 3 hours ago

Comment

Rekado - 5 days ago - 7 Reshares

#RouterDiaspora

Idea
Design a minimal Diaspora proxy daemon that can run on a router
Why?
> Diaspora needs to be run on a server at the moment.
> Running it on the average desktop system doesn't work as
> it requires constant uptime, and reverse proxy
> configuration
> "Own your data" for real
> many people have a router, but only few have a
> VPS/dedicated server

My Activity

+ Invite your friends

From Facebook
By email

♥ Welcome New Users

Follow #NewHere and welcome new users to Diaspora*!

Learn more

? Need Help?

The Diaspora community is here! Do you:

... have a #question?
... find a #bug?
... have a #feature suggestion?

Diasporial & Wiki & Forum:
Community-powered tutorials, how-to, and news

Email your feedback, if you prefer

🔧 Connect Services

You can connect the following services to Diaspora:

Scuttlebutt

Public Private

word, @key, #channel Profile Mentions

< >

+ Join Pub

## Active Channels

#new-people ◎

#anarchitecture

#datastructures

#licensing

#welcoming_committee

#patchbay

#sudoroom

#scuttlebot ◎

Who to follow

@jiangplus

@iainkirkpatrick

@Michael

@keks

@eight45.net

@grammolan

@ktorn, **@don** and **@Dominic** replied
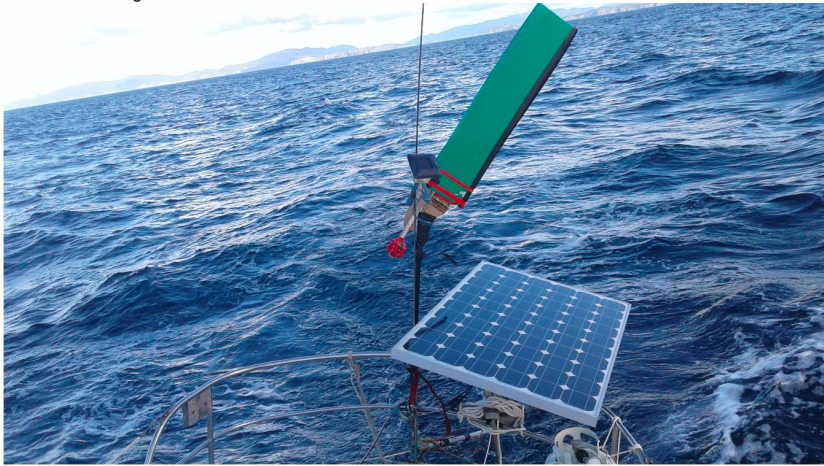
@Dominic
5 days ago

+12 #boats

Okay, so I build a crazy self-steering contraption...
and it actually works!!!

currently self steering a beam-reach from Bay of Islands towards Cavali Islands.

It's enspired by a "servo pendulum" design, but only uses junk you probably already have lying around.
So far I have spent $30. $20 on rope and $10 on a pulley. (although I already had a few of those in my junk drawer)

So the design is a horizontal windvane, made from coreflute (aka coroplast) a door hinge and some bolts as a counter weight.

Then it goes to a little servorudder at the end of what was the boat-hook (which was previously a broom

MediaGoblin

Hi there, welcome to this MediaGoblin site!

This site is running MediaGoblin, an extraordinarily great piece of media hosting software.

To add your own media, place comments, save your favourites and more, you can log in with your MediaGoblin account.
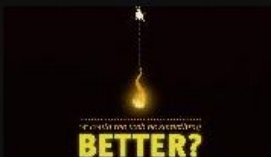
Don't have one yet? It's easy!

Create an account at this site or Set up MediaGoblin on your own server

Most recent media

The Mozilla Story

Google "no rastrea"

Mozilla es la diferencia

collusion diagram

Elementary en Ubuntu Precise 12.04

Freenet

Freenet FProxy Homepage of

Browse Freenet
Messages
Downloads and uploads
Plugins
Connections to friends
Connections to strangers
Statistics
Internet connection
Configuration

Status messages summary (click for details or to change something)

⚠ Security levels: Network: NORMAL, Friends: NORMAL, Physical: NORMAL

Search Freenet (may take a while)

[   ] Search Freenet!

My Bookmarks [Edit]

Indexes

The Ultimate FreeNet Index

Freenet Activelink Index Text Version (a quick-loading non-graphical index site, no porn)

Freenet Activelink Index (SLOW: graphical index, preloads all the sites, so takes *ages* to load)

Index des sites Français

Freenet related software and documentation

Freenet Message System

Freemail

Publish!

Freesite HOWTO

The Freenet Applications Freesite

Protocols

OStatus
Pump API
WC3 Activity Streams

Beyond Protocols

Re-Decentralizing the Web

Edward L. Platt
Penguicon 2017