



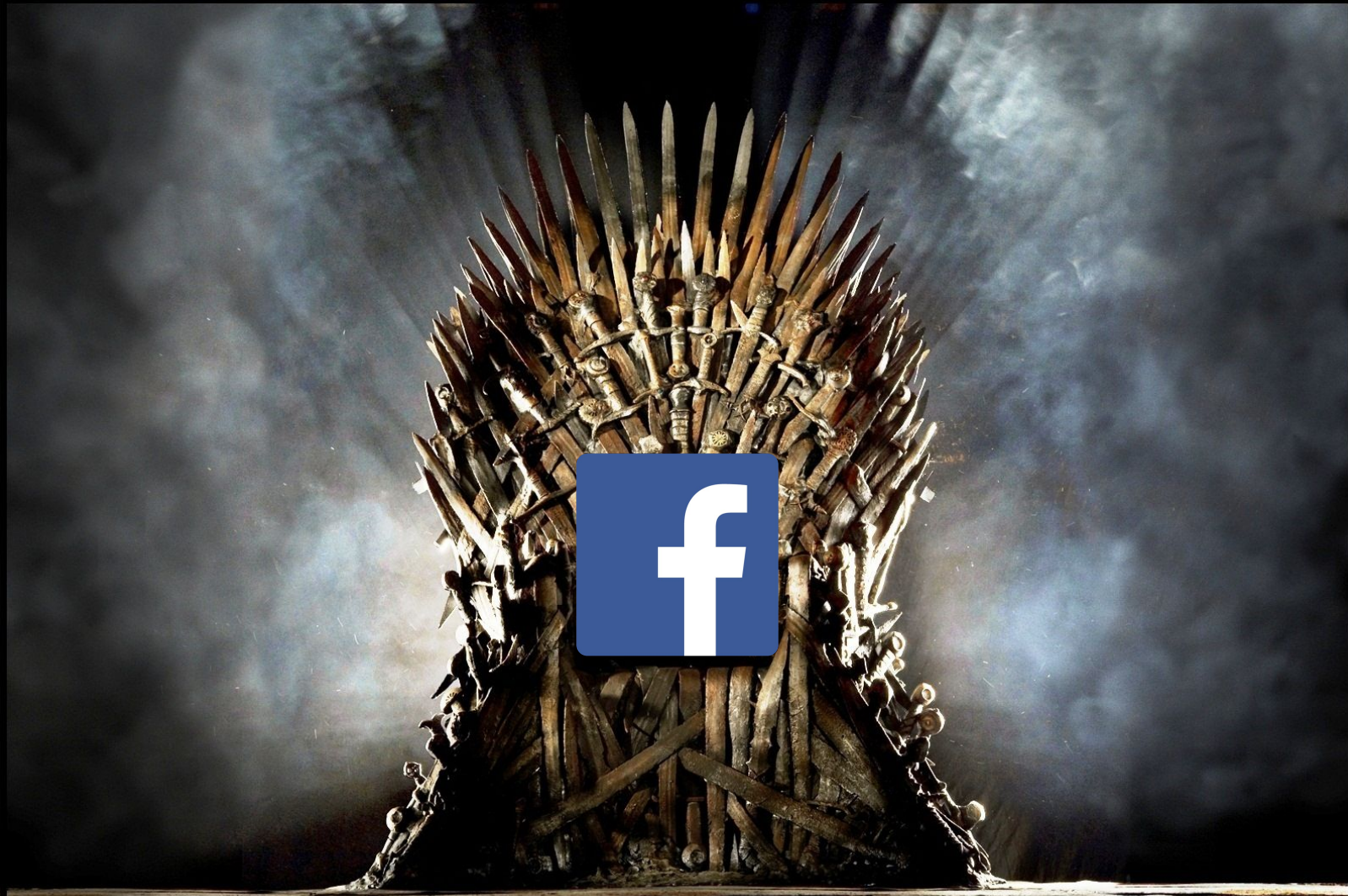
Re-Decentralizing the Web

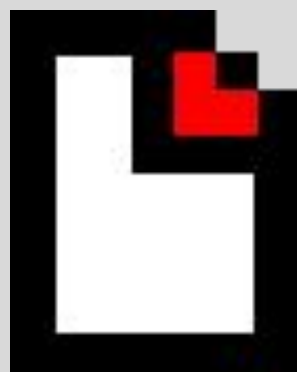
Edward L. Platt
Penguicon 2017

What is decentralization?

What is ~~de~~centralization?







Lavabit

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



27.5K



49



3



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.

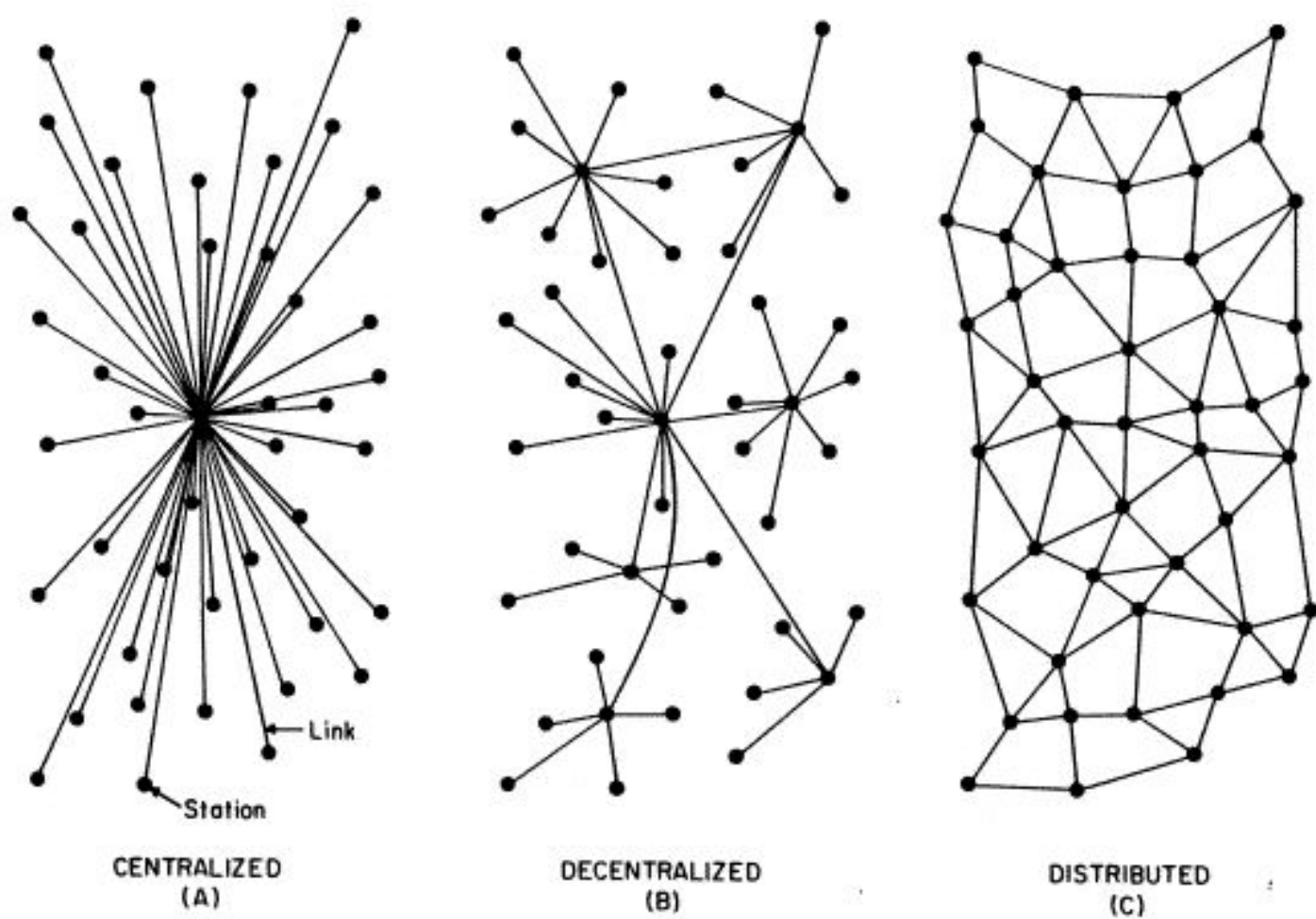
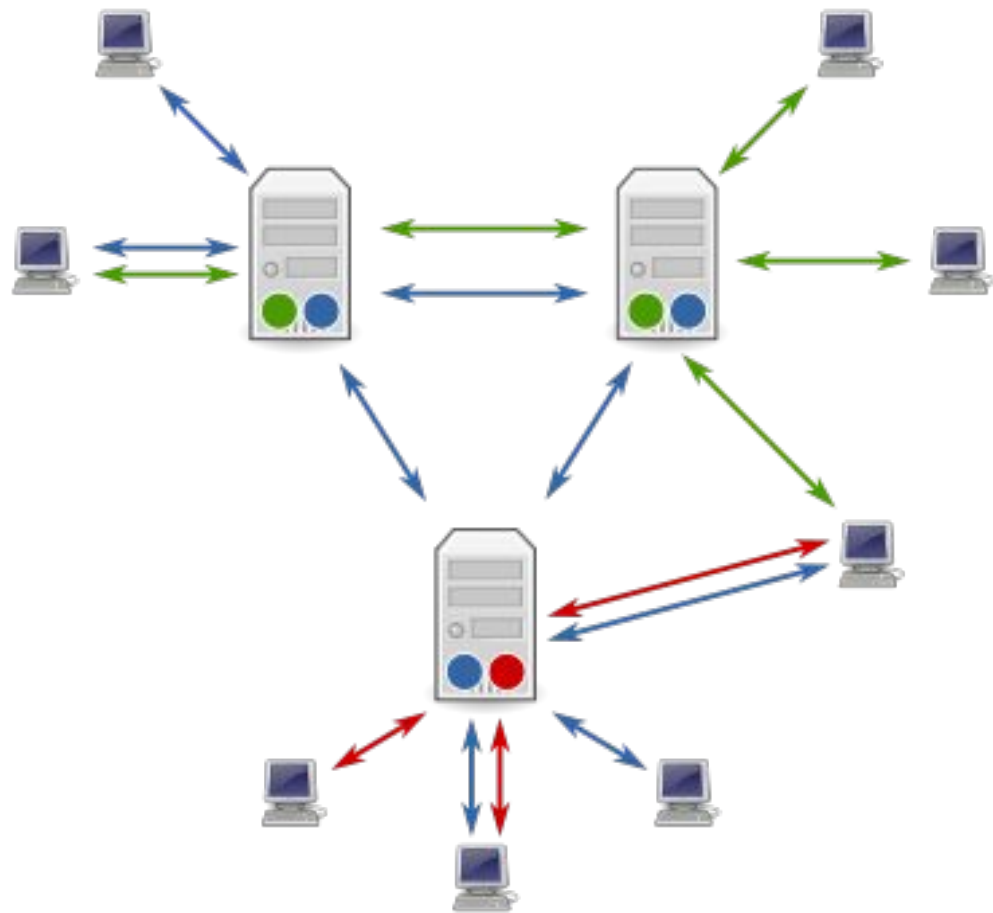


FIG. 1 - Centralized, Decentralized and Distributed Networks

chair@penguicon.org



alt.ascii-art 435/456 - news.readfreeforums.net - Pan

File Edit View Filter Go Servers Newsgroups Articles Post Tools Help

Post: [Icons] Get: [Icons] Reading: [Icons] Filters: [Icons] Net: [Icons]

All Groups Fjnd: [Input]

Subject Find: [Input]

Subject	Score	Lines	Author	-Date
[X] ASCII Art Fart for Wed, 2007 May 16: #2883 TO BLOCK		17	Faux_Tran	05/17/07 07:10:04
[X] [PIC] kids		52	Faux_Pseudo	05/17/07 05:30:27
[X] ASCII Art Fart for Tue, 2007 May 15: #2882 RSS FEED RECURSION		19	Faux_Tran	05/16/07 07:10:04
[X] ASCII Art Fart for Mon, 2007 May 14: #2881 IDENTITY THEFT		25	Faux_Tran	05/15/07 07:09:58
[X] [PIC] girl with phone		53	Faux_Pseudo	05/15/07 06:36:05
[X] Re: [PIC][Small] Scooter		45	Michele Cerulli	05/14/07 17:51:41
[X] Re: [PIC][Small] Scooter		25	Faux_Pseudo	05/15/07 03:06:48
[X] ASCII Art Fart for Sun, 2007 May 13: #2880 THE ABILITY TO COMPI		14	Faux_Tran	05/14/07 07:10:04
[X] ASCII Art Fart for Sat, 2007 May 12: #2879 LUCKY US		21	Faux_Tran	05/13/07 07:10:05
[X] ASCII Art Fart for Fri, 2007 May 11: #2878 MITT ROMNEY		17	Faux_Tran	05/12/07 07:10:06
[X] ASCII Art Fart for Thu, 2007 May 10: #2877 ... IN HELL		15	Faux_Tran	05/11/07 07:10:04
[X] ASCII Art Fart for Wed, 2007 May 9: #2876 AWAW		21	Faux_Tran	05/10/07 07:10:05
[X] [PIC][Small] Scooter		20	Faux_Pseudo	05/10/07 00:58:15
[X] ASCII Art Fart for Tue, 2007 May 8: #2875 MIMI ROGERS		20	Faux_Tran	05/09/07 07:10:04
[X] [PIC] Gators		95	Faux_Pseudo	05/09/07 06:17:41
[X] Re: Snarkv'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 <F08ud0@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 !!!!!111!!!

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

1 @ 0.0 KB/s No Tasks

PLANET B-BALL



JAM CENTRAL



LUNAR TUNES



PRESS BOX SHUTTLE

THE LINEUP



JUMP STATION



JUNIOR JAM



WARNER STUDIO STORE



STELLAR SOUVENIRS



BEHIND THE JAM



SPACE JAM

SITE MAP



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



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





::/ DON'T GET HACKED BY CIGARETTES

<Nicotine can reprogram your brain - until all you think about is your next cigarette.>

WATCH NOW

THE REAL COST



SORT

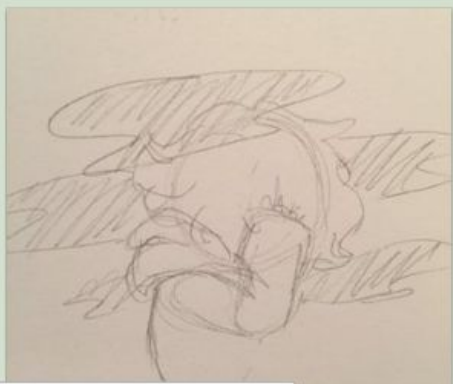
Newest

- What's Hot
- Undiscovered
- Daily Deviations
- Popular 24 hours
- More ...

SEARCH

CATEGORIES

Connecting...



Comet
Minccino/Minior
Female
Normal/Rock/Flying
Hybrid



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](https://masto.cloud/@skenadon)

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:



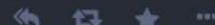
Roo K @mxroo@gender.to...yesterday
[@elplatt](#) [@Willow](#) it's true!



Randy The Random favourited your status



Edward L Platt @elplatt yesterday
[@RtR](#) Welcome the the decentralized utopian future!



Hat followed you

* Getting started

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](https://github.com/tootsuite/mastodon). [Various apps are available.](#)



 Getting started

 Local timeline

 Federated timeline



elplatt

Edit profile

Content warning

What is on your mind?



CW

500

TOOT!



elplatt

Edit profile

Spoiler alert

Jon Snow is Keyser Söze.



CW

463

TOOT!

 Home



Edward L Platt @el... 32 seconds ago

Spoiler alert

SHOW MORE



octodon.social

Home to
6,797
users

Who authored
91,455
statuses

Connected to
1,237
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 HOOMANSTOO!!!

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



Redigera

Message

Mikael "MMN-o" Nordfeldth

Taggar: (Ingen)

SKICKA INBJUDNING

TRENDER

Hemtidslinje



Znara

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

för ungefär 4 timmarsedan från qwitterse



identlud repeated this.

Skriv ett svar...



Erkan Yilmaz ▶ mattl , Rob Myers , efin

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

för ungefär 4 timmarsedan från fediverse.com



Visa alla 4 svar



Inyx48 (fresh)

coffee
fediverse
github gitorious
gnusocial gs
gstranslate
openid qwitter
ttag

Diaspora



Hrishi

My Activity

@Mentions

Stream

My Aspects

#Followed Tags

My Activity

Start a conversation...



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 Patchwork 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

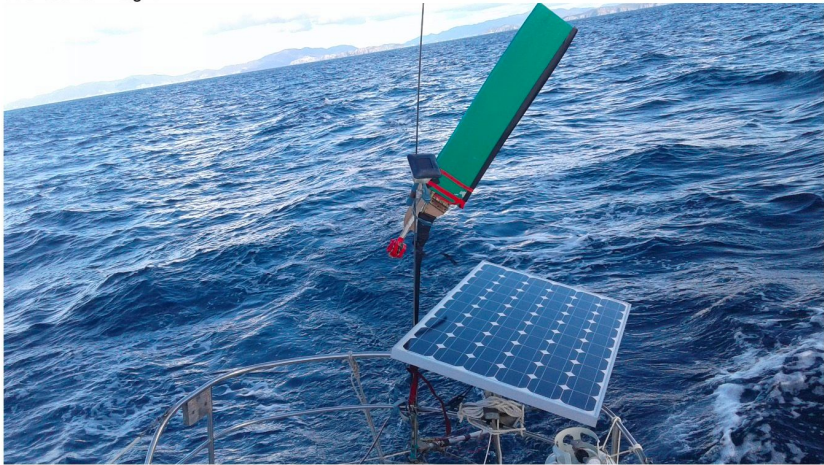
 **@Dominic** 5 days ago +12 #boats

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 inspired 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 sensorudder 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!

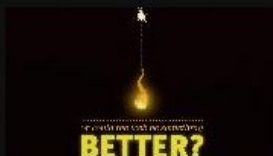
[Create an account at this site](#)

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



[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)

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