

Seguridad en redes sociales libres Ataques y Amenazas



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Quienes somos

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Ingeniero en Telecomunicaciones por la UNIZAR y Máster en Ciberseguridad por la UC3M. Actualmente trabaja en el sector bancario aplicando tecnologías de NLP, Deep Learning, IR y graph databases.

/Rooted[®]CON



NAVAJA NEGRA
CONFERENCE

 SECRIPT 2017
14th International Conference on
Security and Cryptography

 Universidad
Rey Juan Carlos

JNIC2017

III Jornadas Nacionales de Investigación en Ciberseguridad





Quienes somos

Alfonso Muñoz Muñoz





Agenda

- Redes sociales
 - Problemas actuales
- Redes sociales libres
 - Características generales
 - Tipos de redes sociales libres
 - Problemas de seguridad y ataques
- Conclusiones





Redes sociales

¿Que es realmente una red social?

Una red social es una **estructura social** compuesta por un **conjunto de actores** (tales como individuos u organizaciones) que están **relacionados** de acuerdo a algún criterio (relación profesional, amistad, parentesco, etc.).

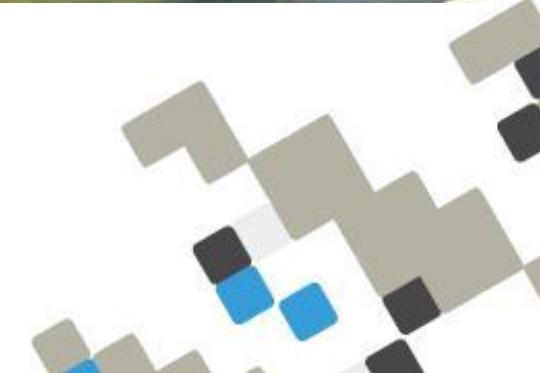
Un **servicio de red social** es un **medio de comunicación** social que **permite establecer contacto** con otras personas por medio de la Web.





Toxicidad en redes sociales

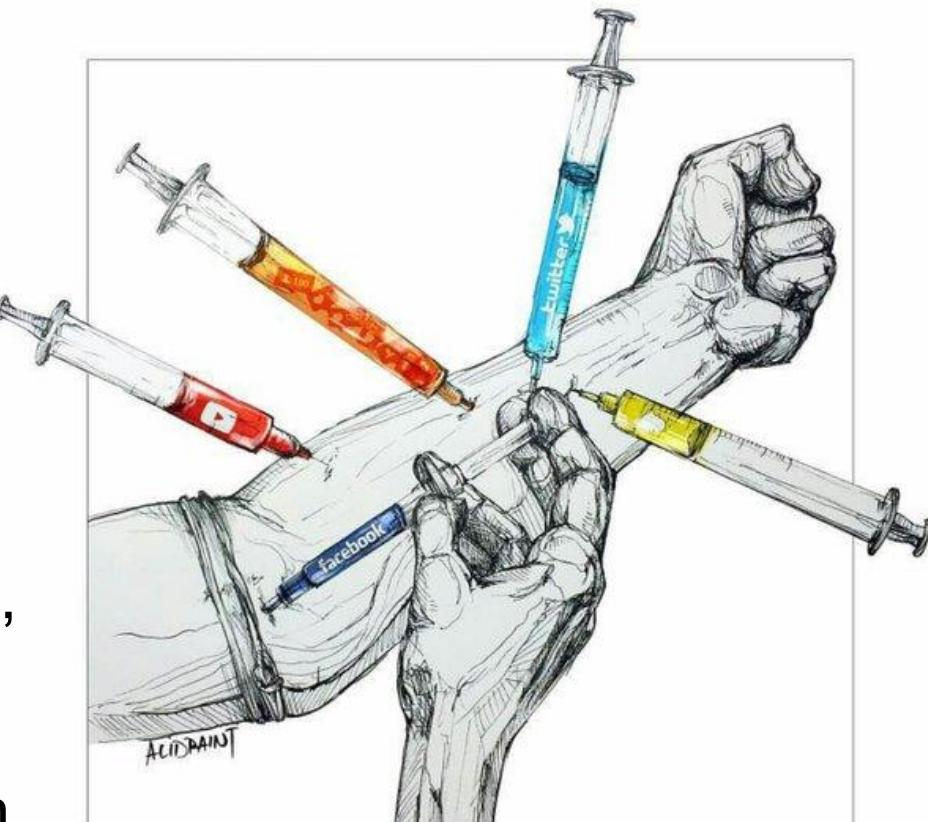
- Haters
- Trolls
- Alternativas o soluciones





Adicción

- Fuente de comparación
- El temor a quedarse fuera
- Pero la actividad en estas plataformas les generan depresión, ansiedad, problemas de sueño e inseguridad, según ellos mismos admiten en un estudio realizado en Reino Unido.





Censura



- Censura de la plataforma



- Emiratos Árabes Unidos
- Pakistán
- Malasia
- Siria
- Uzbekistán
- Bangladesh
- Vietnam
- Irán
- Libia
- China
- Túnez
- Turquía
- Turkmenistán



ELECTRONIC FRONTIER FOUNDATION

- Censura del contenido



<https://onlinecensorship.org/es>

The screenshot shows the homepage of onlinecensorship.org. At the top, there's a navigation bar with links for 'ABOUT', 'RESOURCES', 'SUBMIT REPORT', and 'EN'. The main headline asks 'Has your photo been taken down?'. Below this, there's a large dark blue box containing the text 'WHAT IS ONLINE CENSORSHIP?'. To the right, there's a smaller box with text about the organization's mission to encourage social media companies to be more transparent and accountable. At the bottom, there are several smaller sections with headlines like 'AKA Happy' and 'AKA Happy' (repeated), along with small images and links.



El negocio de las redes sociales

The collage includes:

- A LinkedIn Business Solutions page for "Market" advertising.
- A Facebook page for "Advertise on Facebook" featuring a target icon and a call to action: "Over 1 billion people. We'll help you reach the right".
- A Twitter Ads section with a call to action: "Sign up for Twitter Ads Let's go!".
- Twitter promoted accounts and tweets sections.
- Facebook promoted accounts and tweets sections.

¿Venderías tus datos personales? Los valoran en 74 euros

02.09.2014 – 05:00 H.

Tus datos se venden por 7 céntimos de euro

Un informe de Amnistía Internacional revela la venta de información de 1,8 millones de musulmanes por 126.851 euros. Este comercio se expande gracias al 'big data'

4 MAY 2017 - 09:33 CEST



\$1.5M

(USD) raised in presale

56K

Signups

6K +

Telegram users



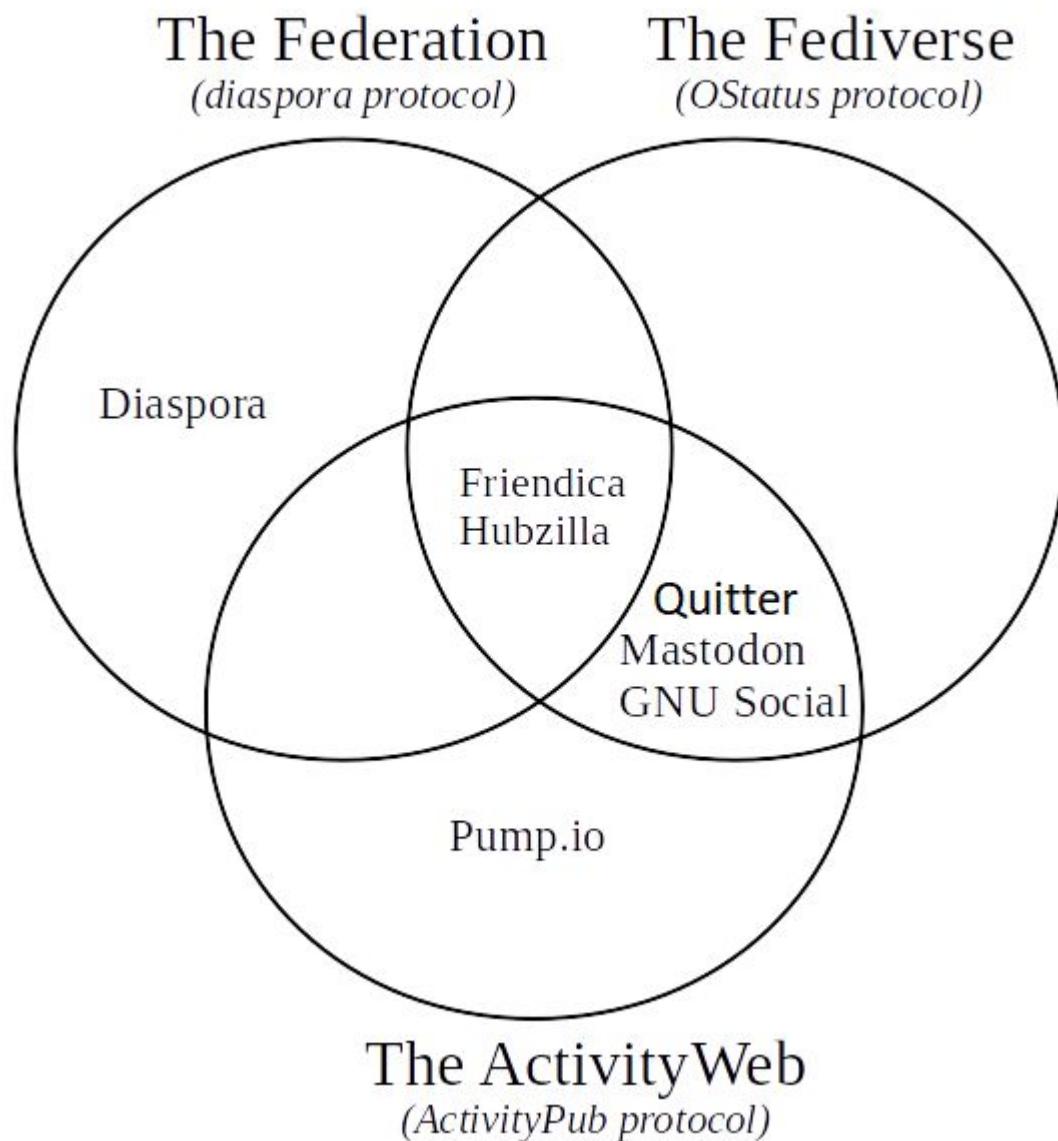


Redes sociales libres

Project name	Features	Language	Protocol	Instances
GNU Social	Microblogging	PHP	Ostatus y ActivityPub	283
Quitter	Microblogging	PHP	Ostatus y ActivityPub	8
Mastodon	Microblogging	Ruby	Ostatus y ActivityPub	~2400
Pump.io	Blogging	Ruby	ActivityPub	~25
Hubzilla	Blogs and rich social networking	PHP & JS	Ostatus, ActivityPub y zot	230
Diaspora*	Blogging and photo sharing	Ruby	Diaspora y Salmon	177



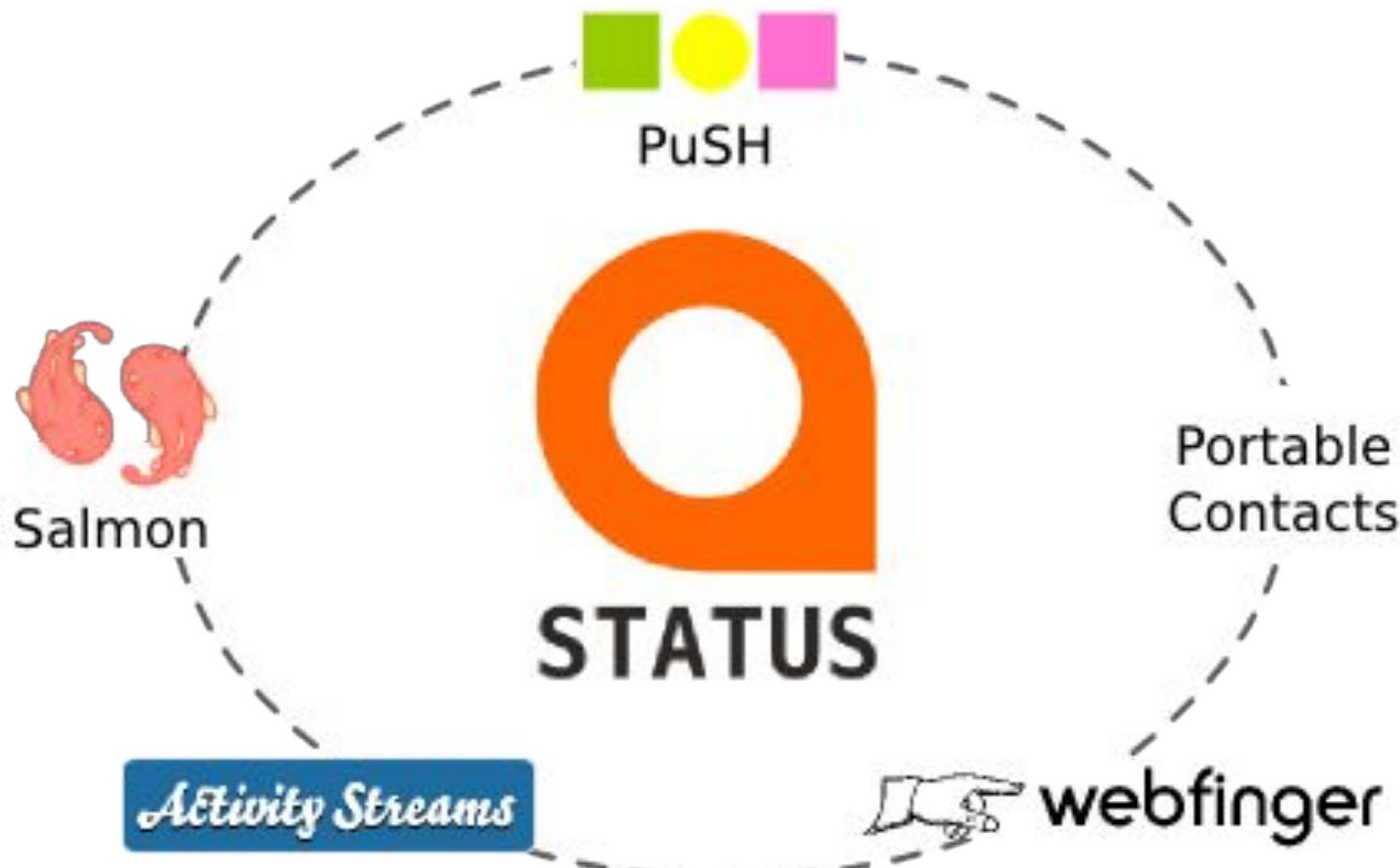
Redes sociales libres



The Activity Web
(*ActivityPub protocol*)



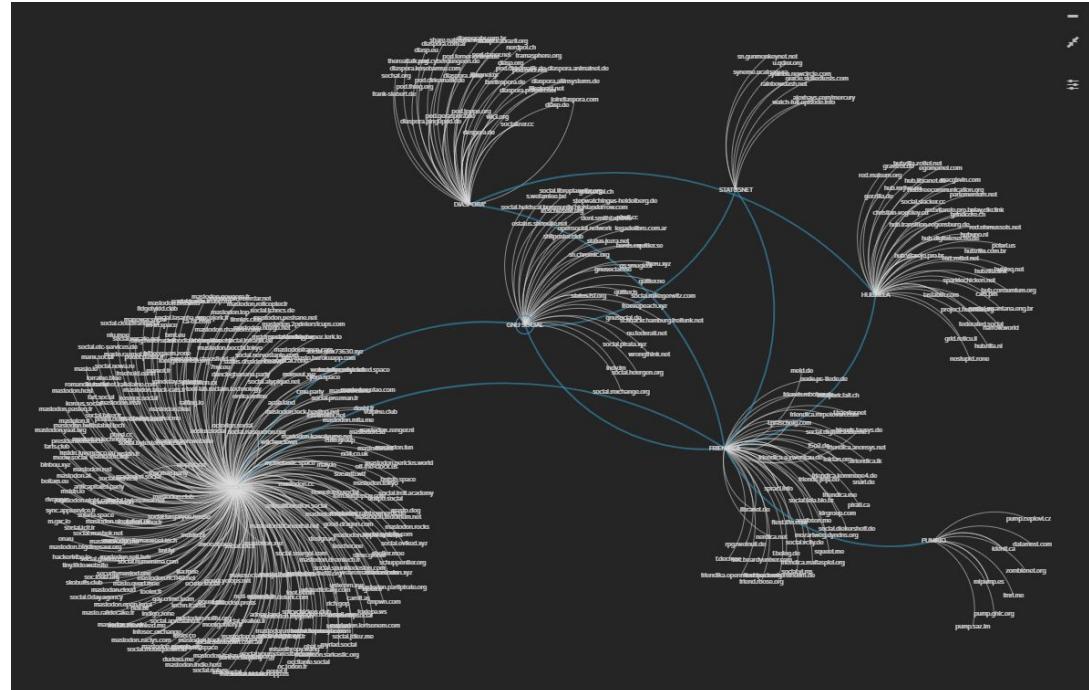
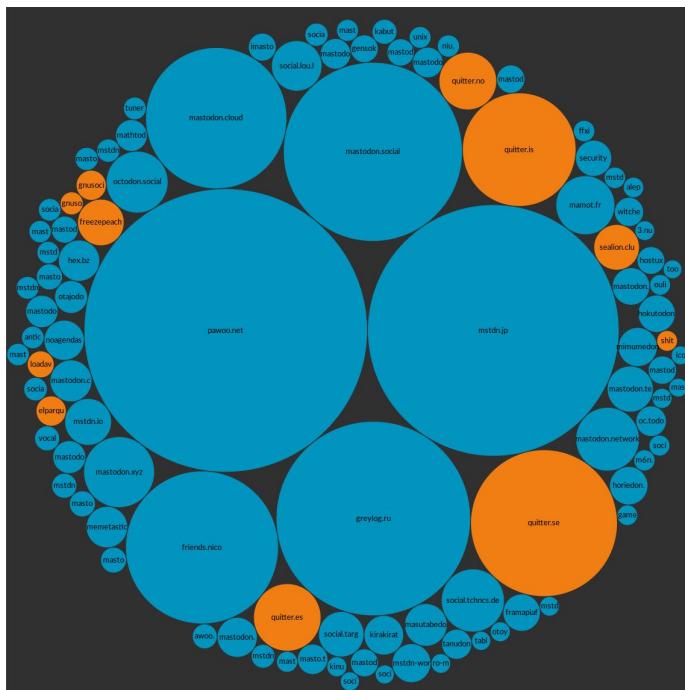
The Fediverse





The Fediverse

'Fediverse' Es una plataforma de servidores de redes sociales que tienen como propósito el **microblogging**, permitiendo comunicarse a través de mensajes cortos. Lo interesante es que permite sincronizar diferentes tipos de servidores siempre que soporten el protocolo **Ostatus**. Con ello puedes estar conectado en la red sin necesidad de estar en una instancia en concreto.



ent



gnusocial





GNU Social - Quitter

gnusocial



Idioma: Español ▾

Hoy es el Día Internacional de la Mujer también!
Apoyad el sitio con BTC o PayPal | Administrador: @perro

Bienvenido a Quitter España

Somos una federación de microblogueros que, como tú, están motivados por ética y solidaridad, y quieren abandonar los servicios capitalistas centralizados.

Nombre de usuario o correo electrónico
Contraseña
 Recuerda mis datos - ¿Olvidaste tu contraseña? - ▾

¿Eres nuevo en Quitter España?
Regístrate

Nombre completo

Correo electrónico

Contraseña



Perro Greato

@perro

The server administrator of quitter.es I'm not really Spanish, so be gentle. :)
ciberespacio · quitter.es/

QUEETS

1026

SIGUIENDO

25

SEGUIDORES

478

GRUPOS

21



quitter.cat



Llengua: Català ▾

Benvingut a Quitter Catalunya.

Som una federació de microbloggers que es preocupen per l'ètica i la solidaritat i volen deixar els serveis capitalistes centralitzats.

Nom d'usuari o correu electrònic
Contraseña
 Recorda les dades - Has oblidat la contrasenya? - ▾

Ets nou a Quitter Catalunya?
Registra't

Nom

Correu electrònic

Contraseña



Joan Montané

@unjoanqualsevol

QUEETS
32 SIGUINT
3 SEGUIDORS
6 GRUPS
0

Queets / Mencions / Preferits

Joan Montané @unjoanqualsevol > @spl - 18 febr. 2015
@spl ok, ja m'hi tornaré a barallar

Joan Montané @unjoanqualsevol > @spl - 18 febr. 2015
@spl has provat a configurar el Quitter.cat a l'AndStatus? no me n'he ensortit :(

Joan Montané @unjoanqualsevol > @spl - 18 febr. 2015
@spl és a dir, no veig res relacionat amb Quitter Català ni GNU Social

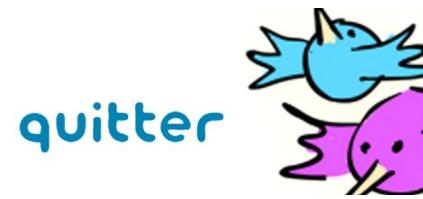


GNU Social - Quitter



Espiando la red

The screenshot shows the GNU Social user directory interface. On the left, there's a sidebar with links: PUBLIC, PUBLIC, GROUPS, RECENT TAGS, PEOPLE (which is selected), and POPULAR. The main area has a search bar with 'User directory' placeholder text and a 'SEARCH' button. Below it, there's a list of users with their nicknames, names, and short bios. One user profile is expanded, showing a bio about being part of a microblog federation and abandoning capitalist centralized services. There's also a registration form for new users.



Problemas de seguridad:

- Puedes consultar por usuarios o mensajes desde el inicio.
- URL predecible (Identificadores secuenciales)
- Consultas infinitas, no hay límite
- No autenticación necesaria.

I'm not a "Facebook Stalker".
I prefer the term
"Social Media Analyst".



- <https://gnusocial.de/api/statuses/show/<id>>
- <https://gnusocial.de/api/users/show/<id>>





GNU Social - Quitter

Automatización



The screenshot shows a registration form with the following fields:

- Username: @ ejemplo
- Display Name: ejemplo
- Email: ejemplo@example.example
- Website: Sitio web
- Bio: Biografía
- Location: Ubicación
- Avatar: (two input fields)
- Passphrase: (two input fields)

Below the form is a link to "Leer los términos de uso" (Read the terms of use) and a yellow button labeled "Regístrate en GNUsocial.de".

Problemas de seguridad:

- No existe captcha.
- No es necesario mail de confirmación.
- Solo es necesario un POST

Privacidad del usuario
VS
Privacidad del contenido

```
curl "https://x:x@<instancia>/api/account/register.json" -H "Accept: application/json, text/javascript, */*; q=0.01" -H "Referer: https://quitter.se/main/public" -H "Origin: https://quitter.se" -H "User-Agent" -H "Content-Type: application/x-www-form-urlencoded; charset=UTF-8" --data "nickname=<NickName>&email=<Email>&fullname=<Fullname>^&homepage=<Homepage>^&bio=<Bio>^&location=<Location>^&password=<pass>^&confirm=<Confirmpass>" --compressed
```



Quitter - Red

• Quitter.es

- 33.813 Ids (Potenciales usuarios)
- 3.765.925 Ids (Mensajes)

• Quitter.cat

- 14.458 Ids (Potenciales usuarios)
- 942.301 Ids (Mensajes)

• Quitter.se

- 251.408 Ids (Potenciales usuarios)
- 19.676.354 Ids (Mensajes)

• Quitter.no

- ~5.200.000 Ids (Mensajes)
- Registro cerrado

• Quitter.is

- 54.860 Ids (Potenciales usuarios)
- 4.543.540 Ids (Mensajes)

• Quitter.de

- ~5.200.000 Ids (Mensajes)
- Registro cerrado



<https://<instance>/api/statuses/show/<id>.json>

<https://<instance>/api/users/show/<id>.json>

Rate limiting

There is currently no rate-limiting.

account/rate_limit_status

Returns the remaining number of API requests available to the requesting user before the API limit is reached.

We have no rate limit, so this always returns 150 hits left.

1 máquina
1pet/seg
4 días todos los usuarios.
1 año y 3 meses todos los mensajes (40 millones)

en3



Mastodon

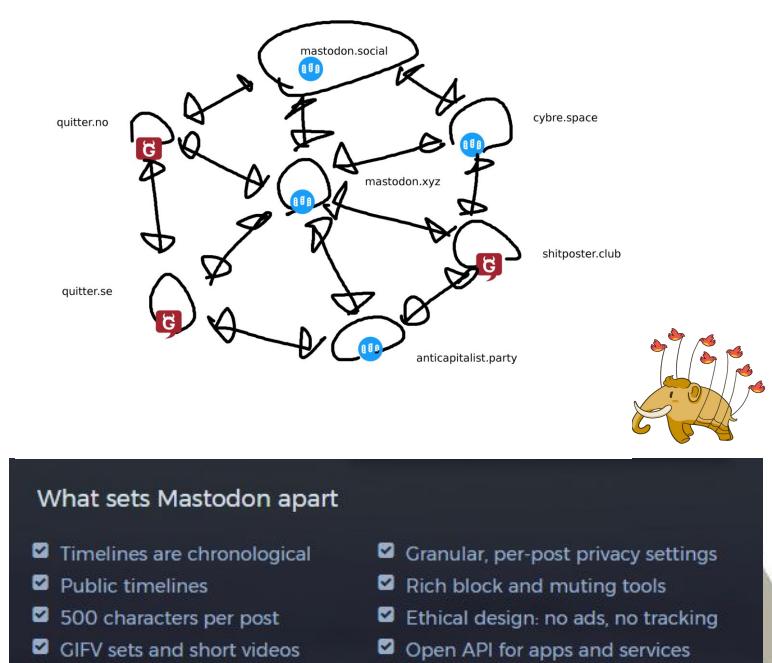




Mastodon

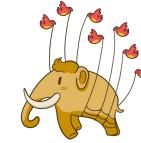
- Creado por Eugen Rochko en 2016 basado en GNU Social.
- Más utilizada por usuarios japoneses.
- Interfaz visual basado en Tweetdeck.

The screenshot shows the Mastodon mobile application interface. On the left is a sidebar with navigation icons and a search bar. The main area displays a timeline of posts from various users, each with a profile picture, name, and timestamp. One post by 'Rushyo' includes a small image of an elephant. The right side of the screen features a sidebar with sections for 'Getting started', 'Local timeline', 'Federated timeline', 'Favorites', 'Muted users', 'Blocked users', 'Extended information', 'Preferences', and 'Logout'. A cartoon elephant is at the bottom of the sidebar.





Mastodon



The image shows a screenshot of the Mastodon web interface. At the top, there's a navigation bar with icons for settings, search, and account management. Below it, a user profile for 'Eugen @Gargron' is displayed, showing a small profile picture and the user's handle. To the right of the profile, there's a sidebar with a search bar labeled 'Buscar' and a list of accounts, including '@SpiderMastodon'. A central panel shows a post from Eugen with the text '¿En qué estás pensando?' and a 'TOOTEAR!' button. Below the post, there's a summary of Eugen's activity: 18.952 publications, 626 followers, and 13.745 followees. To the left of the main content, there's a large, complex network graph consisting of many red circular nodes connected by lines, representing the social connections between users.

Problemas de seguridad:

- Puedes consultar por usuarios o mensajes desde el inicio.
- URL predecible (Identificadores secuenciales)
- Consultas infinitas, no hay límite
- No autenticación necesaria.
- **Mensajes de 40 en 40.**

Keywords: "nazi", "hitler", "whitepower", "hacker"
Instances: 2 (mastodon.social, cybre.space)

Users under *suspicious*: 282,093

Users detected: 1,891

Analysed Toots: 967,820

Toots with keywords: 3,417

1 máquina
1pet/seg
4 días todos los toots
(~14.355.000)



Registrarse - Mastodon

https://mastodon.social/auth

Buscar

mastodon

¡Algo no está bien! Por favor, revise 3 errores más abajo

Nombre de usuario @mastodon.social
no puede estar en blanco

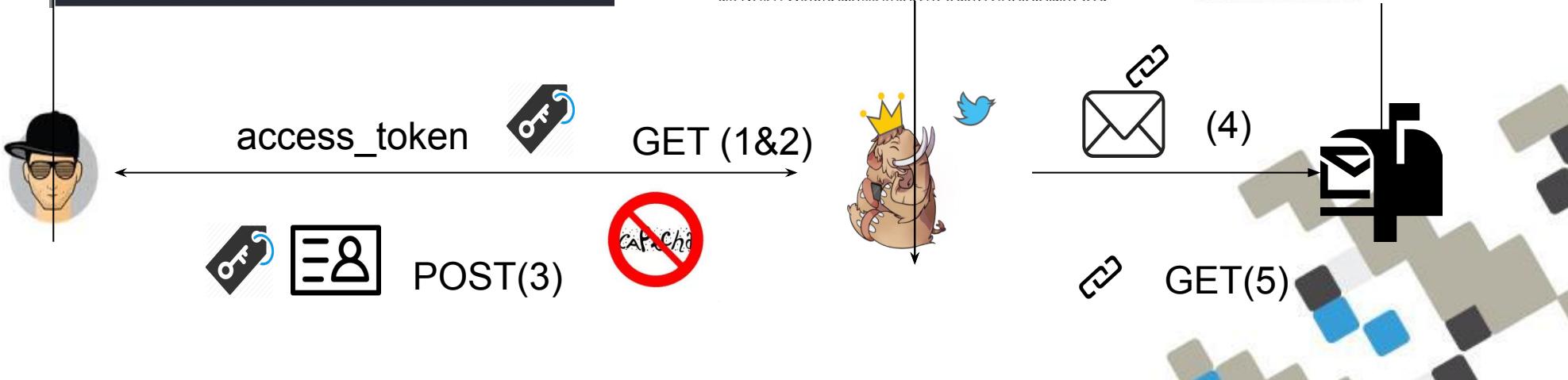
Dirección de correo electrónico
no puede estar en blanco

Contraseña
no puede estar en blanco

Confirmar contraseña

REGISTRARSE

By signing up you agree to [our terms of service](#) and [privacy policy](#).





Impersonation via other Mastodon instances aka fake accounts #913

Closed

Kovah opened this issue on 5 Apr · 37 comments

wxafe commented on 13 Apr

This is not something that can be fixed by mastodon (the proposition to make the name of the instance more visible can be opened in another issue, and all the other suggestions are basically to use another service and identify there). Therefore, I'm closing this issue

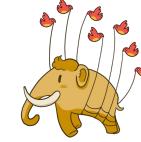
Collaborator +

2 1

wxafe closed this on 13 Apr

Suplantación de identidad

Mastodon



How do I get verified with a "✓"?

"✓" is an emoji, only for lulz. There is no verification on Mastodon. You can copy and paste "✓" into your bio if you wish, you cheeky monkey.

wxafe commented on 13 Apr

This is not something that can be fixed by mastodon (the proposition to make the name of the instance more visible can be opened in another issue, and all the other suggestions are basically to use another service and identify there). Therefore, I'm closing this issue

Collaborator +

2 1

wxafe closed this on 13 Apr

octodon.social/@Mareano_Rajoy

UNIDOS CONTRA EL TERRO

Mareano Rajoy Brey ✓ @Mareano_Rajoy

Presidente del Gobierno y del @PPPopular. Cansado, padre de dos hijos. Trabajo.

TOOTS 9	SIGUIENDO 0	SEGUIDORES 0	
------------	----------------	-----------------	--

Mareano Rajoy Brey ✓ @Mareano_Rajoy "Es el vecino el que elige al alcalde y es el alcalde el que quiere que sean los vecinos el alcalde." hace 23 segundos

Mareano Rajoy Brey ✓ @Mareano_Rajoy "Le va a subir el IVA a este niño que venía aquí ¡Los chuches! ¡Va a subir el IVA de los chuches!" hace 1 minuto

Mareano Rajoy Brey ✓ @Mareano_Rajoy "Me gustan los catalanes porque hacen cosas" hace 5 minutos

Mareano Rajoy Brey ✓ @Mareano_Rajoy "La segunda, ya tal..." hace 6 minutos

Mareano Rajoy Brey ✓ @Mareano_Rajoy "Una cosa es ser solidario, y otra es serlo a cambio de nada" hace 6 minutos

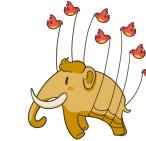
Mareano Rajoy Brey ✓ @Mareano_Rajoy "Exportar es positivo porque vendes lo que produces" hace 7 minutos

Mareano Rajoy Brey ✓ @Mareano_Rajoy "Viva el vino" hace 8 minutos

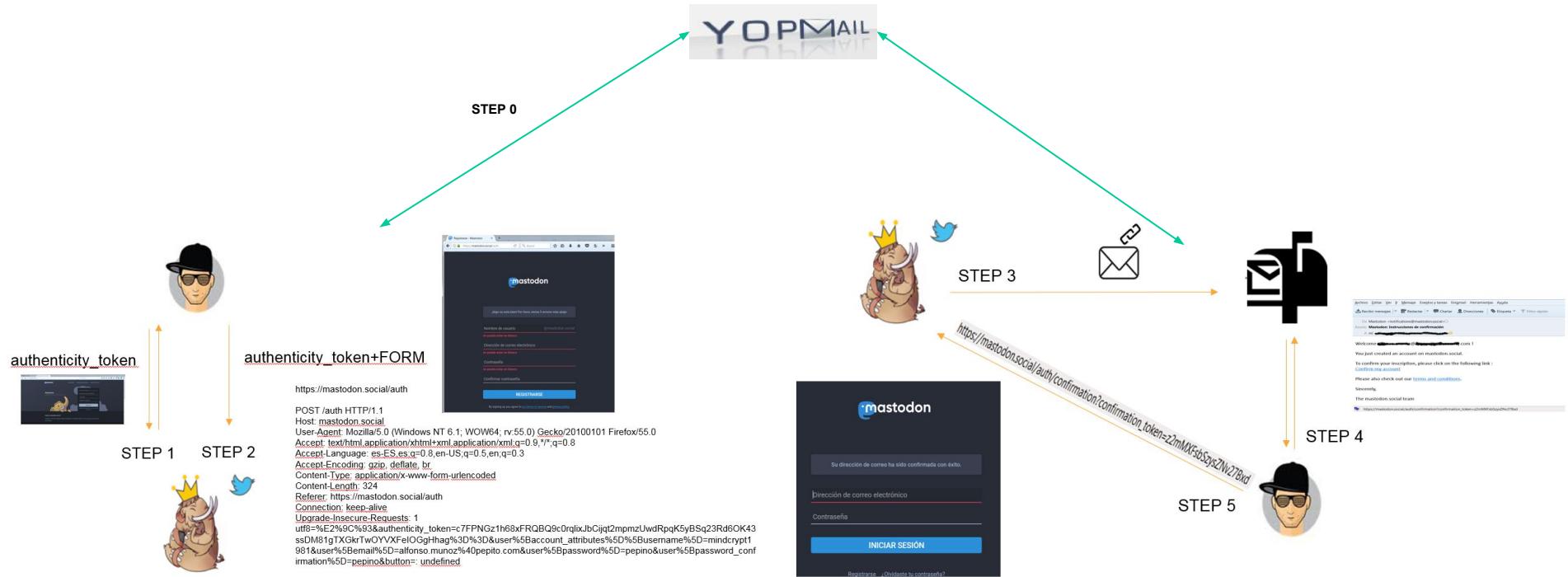
Mareano Rajoy Brey ✓ @Mareano_Rajoy "It's very difficult todo esto" hace 10 minutos



Mastodon



Registro de N cuentas en una misma instancia

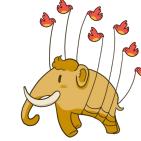


Denegación de servicio y SPAM masivo

* Mastodon No soporta el borrado de usuarios ☺

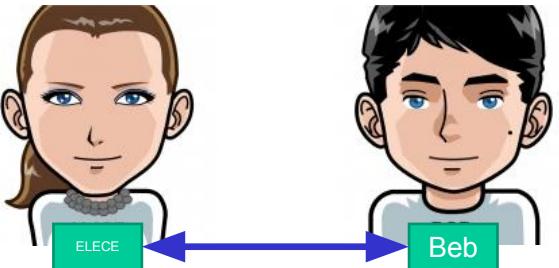


Mastodon



- Cover Channel

The screenshots show two different Mastodon timelines. The left one is a 'Local timeline' showing several posts where every character is the letter 'e'. The right one is a 'Home' timeline showing a similar pattern of posts. This is a classic example of a 'Cover Channel' or 'Timing Attack' where the content of the posts is encoded in a way that can be detected by analyzing the timing or content of the network traffic.



dolphin.town

Eeeee! EEEEE, eeeeeee!

Home to	Who authored	Connected to
286 users	1,602 statuses	162 other instances

dolphin.town is a Mastodon instance where you can only say the letter e. [Some instances](#) exist that do not allow this letter. This is not helpful if you are a dolphin.

Therefore, [Darius Kazemi](#) created this instance for all your dolphin-posting needs.

CONTACT
Dar-EE-us Kazem-EE @e
Business e-mail: dolphintown@feeltrain.com

LINKS
Get started
Terms
Source code

This screenshot shows the homepage of the dolphin.town Mastodon instance. The interface is minimalist with a dark background and white text. A single post from 'Dar-EE-us Kazem-EE' (@e) is displayed, containing the text 'Eeeee! EEEEE, eeeeeee!'. Below the post, the instance's statistics are shown: 286 users, 1,602 statuses, and 162 other instances connected to it. On the right side, there is a 'CONTACT' section featuring a circular profile picture of Darius Kazemi and his business email address, dolphintown@feeltrain.com. At the bottom, there are links for 'Get started', 'Terms', and 'Source code'.

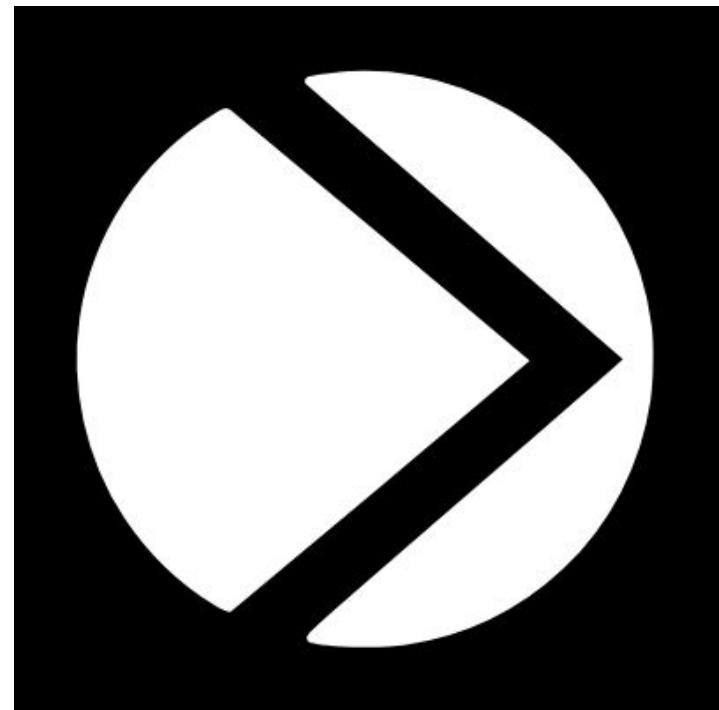
Examples:

Custom alphabet (64 char:6 bits/char)

1 toot / 83 char (url, gps coords, C&C, IPS, telephone number, Short message, password...)



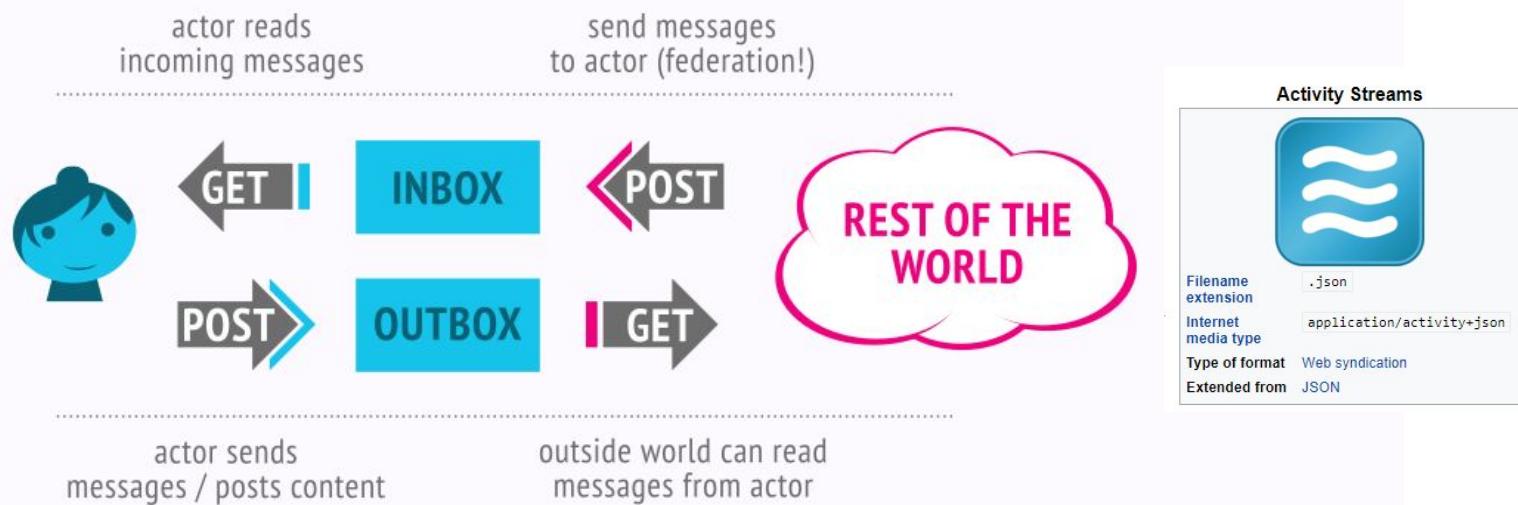
PUMP.IO





ActivityPub

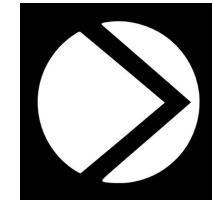
Don't you miss the days when the web really was the world's greatest decentralized network? Before everything got locked down into a handful of walled gardens? So do we.



Enter ActivityPub! ActivityPub is a decentralized social networking protocol based on the **ActivityStreams 2.0** data format and is being developed as part of the **W3C Social Web Working Group**. It provides a client to server API for creating, updating and deleting content, as well as a federated server to server API for delivering notifications and subscribing to content.



Pump.io

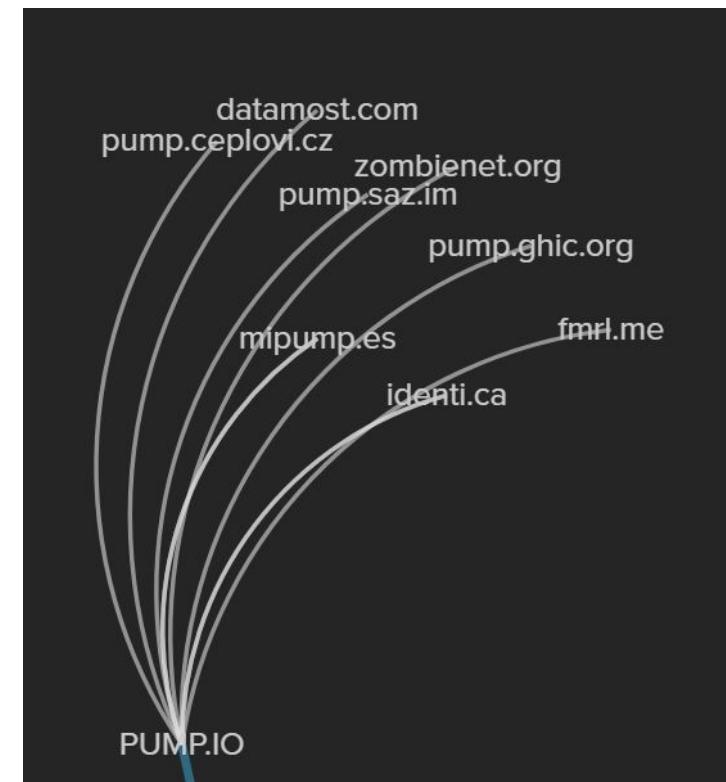


- Es un servidor streaming que hace la mayor parte de lo que la gente realmente quiere de una red social.
- Anteriormente identi.ca, aparece a partir de StatusNet.
- No es microblogging

Basic User Guide

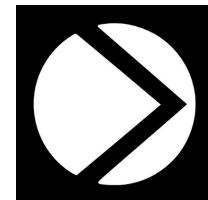
Pump.io is a decentralized/federated social network, composed by many servers, where users can choose where to sign up for an account, and communicate with Pump users from any other public Pump.io server.

It's currently under construction, but there are many things that can be done already. You can follow people, post notes, images and other media, and like, share or reply to other people's posts.





Pump.io



Catalan - Català

- [OSM en català](#): Comunitat catalana d'OpenStreetMap

Galician - Galego

- [PiratasdeGalicia](#): Piratas de Galicia (PIRATA.GAL) é un partido político herdeiro do Partido Pirata de Suecia.

Spanish - Español

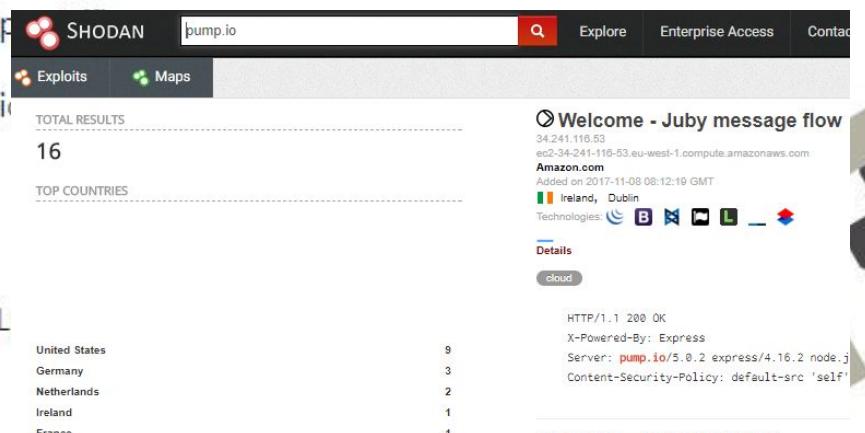
- [ElBinario](#): Diario independiente copyleft.
- [OpenOffice ES](#): Web en español no oficial de la suite ofimática Apache OpenOffice.
- [Goteo. Crowdfunding the commons](#): Financiación colectiva para el beneficio (procomún).
- [BancodeLecturas](#): Proyecto a favor de la cultura libre.
- [Juegos GNU/Linux](#): Juegos de software libre y código abierto para GNU/Linux.

English

- [FSF](#): Fighting for essential freedoms for computer users since 1985.
- [FSF Status](#): This is the FSF out of band notification account. We post notification of service outages - planned and unplanned - here.
- [Debian Project](#): Making the universal operating system, free as in freedom.

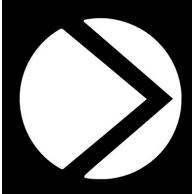
French - Français

- [April.org](#): L'April est un acteur majeur de la promotion et de la défense du Logiciel Libre.
- [FSFE - France](#): Équipe française de la Free Software Foundation Europe.
- [RegardsCitoyens.org](#): Le collectif Regards Citoyens est une association constituée de citoyens de tous âges et régions qui se sont rencontrés sur Internet dans un désir commun de proposer un accès simplifié au fonctionnement de nos institutions démocratiques à partir des informations publiques.





Pump.io - Registro



datamost.com

Register for a new account

Nickname Pick a good one; you can't change 1-64 characters, only letters and numbers and . and _

Email Your email address For updates and password recovery

Password And a password Eight characters, mixed letters and numbers, not stupid

Repeat Make sure you got it right

[Register](#)

[Already have an account?](#)

[Account on another server?](#)

Identi.ca

Login to your account

Nickname

Password [Forgot your password?](#)

[Login](#)

miPump.es

Registrations disabled for new users.

Register for a new account

Nickname Pick a good one; you can't change 1-64 characters, only letters and numbers and . and - and _

Password And a password Eight characters, mixed letters and numbers, not stupid

Repeat Make sure you got it right

[Register](#)

[Already have an account?](#)

[Account on another server?](#)

Check your email for further instructions

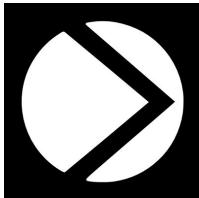
[datamost.com](#) brought to you by Jason Self.

Please read the Terms Of Service at <https://datamost.com/tos.html> carefully before accessing the service. In addition, a warrant canary is available at <https://datamost.com/canary.txt>. pump.io available under the Apache License 2.0.

[JavaScript license information](#)



Pump.io - Usuarios



https://www.inventati.org/ppump/usuarios/

Public Pump Manguera Usuarios Acerca

Usuarios

¡Unete a pump.io!, somos usuarios en nodos.

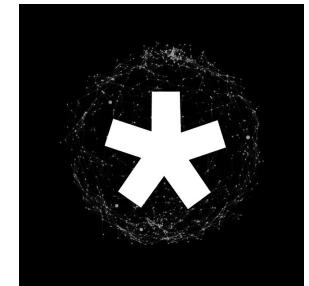
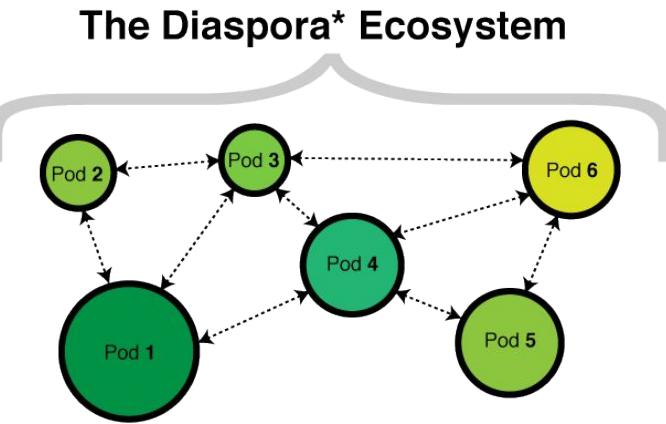
 Evan Prodromou eavon@freenode.ca Montreal, Québec, Canada 942 seguidores.	 Bradley M. Kuhn bkuhn@identi.ca originally from Baltimore, MD, USA. 773 seguidores.
 Stefano Zecchiroli zach@identi.ca Paris, France 645 seguidores.	 Glynn Moody glynnmoody@identi.ca City of Westminster, United Kingdom 624 seguidores.
 Christopher Allan Webber cwebber@identi.ca Madison, United States 535 seguidores.	 Laura Arjona laryjona@identi.ca Madrid, Spain 429 seguidores.
 Free Software Foundation Europe fffe@identi.ca Brazil, Europe 407 seguidores.	 JanKusanggi janhusanggi@identi.ca Between, Jabberia and the Pumpverse! 407 seguidores.
 Alexandre Oliva holiva@identi.ca 405 seguidores.	 GNU MediaGoblin mediagoblin@identi.ca 376 seguidores.

Busqueda avanzada

Lugar de procedencia Ejemplo: Uruguay
Nombre Ejemplo: Pedro
Nodo Ejemplo: fmr1.me
Acerca del usuario Ejemplo: programador
Fecha de registro ...
Ordenar por ...
Decreciente Creciente

[Buscar]

```
JSON
{
  "updated": "2017-11-08T12:59:50Z",
  "published": "2017-11-08T12:59:50Z",
  "profile": {
    "preferredUsername": "Macario00",
    "url": "https://datamost.com/Macario00",
    "displayName": "Macario00"
  },
  "links": {
    "self": null,
    "activity-inbox": null,
    "activity-outbox": null,
    "objectType": "person"
  },
  "followers": {
    "url": "https://datamost.com/api/user/Macario00/followers",
    "totalItems": 0
  },
  "following": {
    "url": "https://datamost.com/api/user/Macario00/following",
    "totalItems": 0
  },
  "favorites": {
    "url": "https://datamost.com/api/user/Macario00/favorites",
    "totalItems": 0
  },
  "lists": {
    "url": "https://datamost.com/api/user/Macario00/lists/person",
    "totalItems": 4,
    "updated": "2017-11-08T12:59:51Z",
    "id": "acct:Macario00@datamost.com"
  },
  "pump_io": {
    "followed": false
  },
  "nickname": "Macario00"
}
```



The Federation

Welcome to the new social web

[Home](#)
[Nodes list](#)
[diaspora*](#)
[Friendica](#)
[Hubzilla](#)
[Socialhome](#)
[About](#)

4
Projects

262
Nodes

654413
Users

ONE
Network

What is The Federation?

The Federation refers to a global social network composed by nodes talking together. Each of them is an installation of a software which supports the [diaspora* protocol](#). This website lists all the registered servers among the world to draw statistics. You know, we love numbers and numbers love us.

[Access nodes list](#)

Nodes: 262

Users: 654413

Last 6 months active users: 46862

Last month active users: 16220

Posts: 6387425

Comments: 3783306

Disclaimer: These counts do not reflect the whole network due to the opt-in nature of the statistics.



The Federation

The nodes

diaspora* - Friendica - Hubzilla - Socialhome

Discover the projects which are composing the federation

Project	diaspora*	Friendica	Hubzilla	Socialhome
First release date	11-2010	07-2010	08-2015	07-2017
Nodes	165	47	30	3
Users	652136	1301	480	165
Official website	diasporafoundation.org	friendica.ca	hubzilla.org	socialhome.network
Source code	Github	Github	Github	Github
Licence	AGPL	AGPL	MIT	AGPL
* DiasporaBR	0.7.0.1	Yes	1626	893
* Can I get a copy of the data?			289	127905
*	It's all available as JSON, feel free to use any data you want! I cannot guarantee the JSON will not change over time, though it should mostly stay stable. You can always let me know if you depend on some JSON feed and I'll make sure not to break it.			
*	Here are the endpoints:			
* Node list				
* Global active users monthly history				
* Global active users half yearly history				
* Global node counts history				
* Global users history				
* Global posts history				
* Global comments history				
* Per node total users history				
* Per node active users half year history				
* Per node active users monthly history				
* Per node local posts history				
* Per node local comments history				
* diaspora.psyc0.fr	0.7.1.1	Yes	1151	209
			78	6945
				7684
				fb,tw,tu,wp

en3





HUBZILLA

Hubzilla is a powerful platform for creating interconnected websites featuring a decentralized identity, communications, and permissions framework built using common webserver technology.

What is Hubzilla?

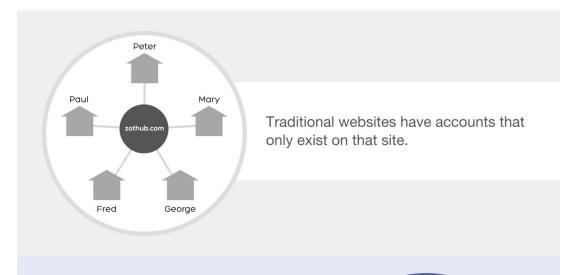
Hubzilla is a powerful platform for creating interconnected websites featuring a decentralized identity, communications, and permissions framework built using common webserver technology.

Official website Source code

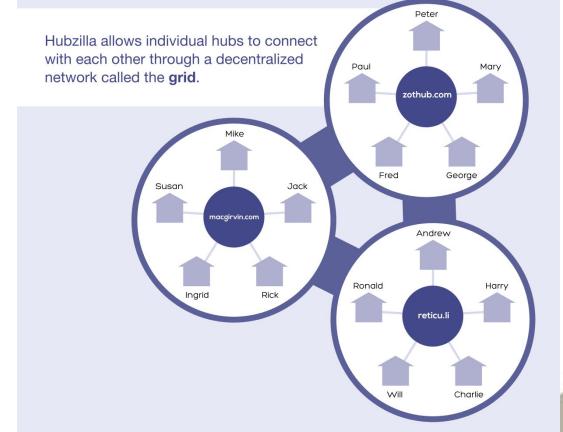
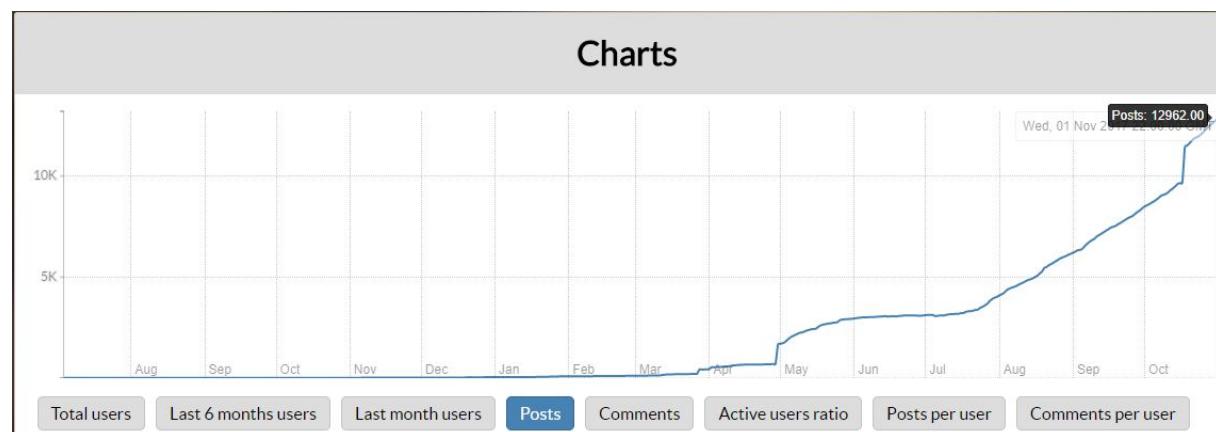
Nodes: 30
Users: 480
Last 6 months users: 158
Last month users: 61
Posts: 39605
Comments: 521



How It Works



Traditional websites have accounts that only exist on that site.



Hubzilla allows individual hubs to connect with each other through a decentralized network called the grid.

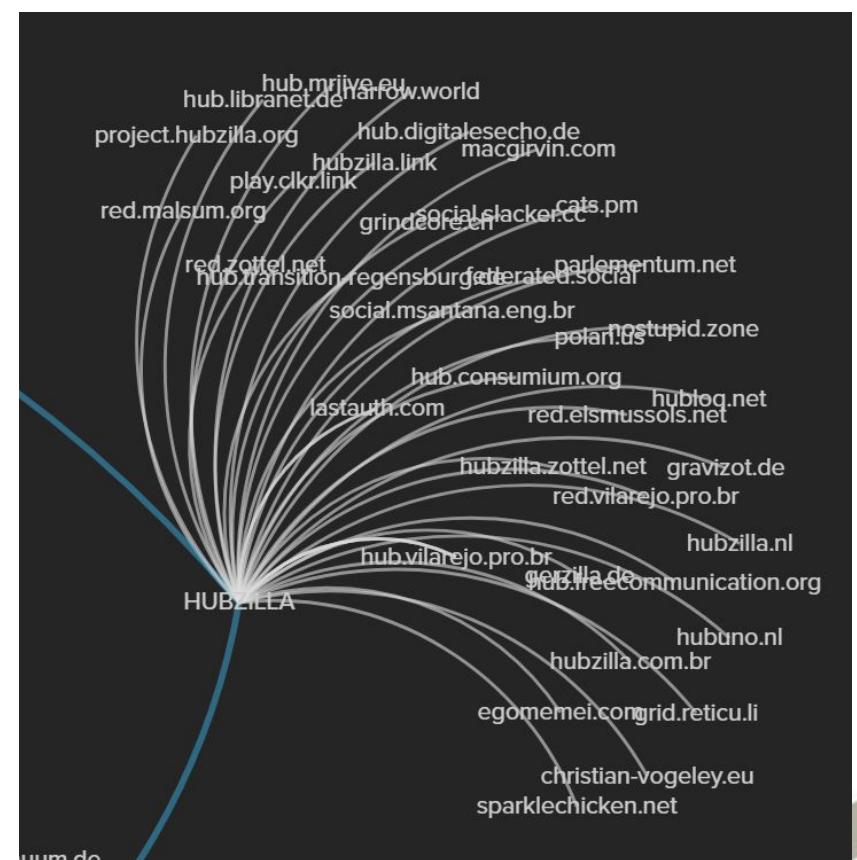


Hubzilla

Servidores públicos

Los sitios listados permiten el registro público en la red Hubzilla. Todos los sitios de la red están vinculados entre sí, por lo que sus miembros, en ninguno de ellos, indican la pertenencia a la red en su conjunto. Algunos sitios pueden requerir suscripción o proporcionar planes de servicio por niveles. Los mismos hubs **pueden** proporcionar detalles adicionales.

Dirección del hub	Tipo de acceso	Normas de registro	Software
% hub.libranet.de	free	open	Hubzilla Pro 2.8
% hubzilla.top	free	open	Hubzilla Standard 2.2
% social.slacker.cc	free	open	Hubzilla Pro 2.6.3
% hubzilla.link	free	open	Hubzilla 2016-02-17.1312H[1163]
% hubzeta.com	free	open	Hubzilla Pro 2.6.3
% hub.kosmospora.de	free	open	Hubzilla Pro 2.6.1
% hubzilla.click	free	open	Hubzilla 2016-02-17.1312H[1163]
% hub.zilla.tech	tiered	open	Hubzilla Pro 2.9
% hub.itunix.eu	free	open	Hubzilla Pro 1.14.1
% hufhuf.com	free	open	Hubzilla Pro 2.7.2
% hub.tschlotfeldt.de	free	open	Hubzilla Pro 2.8





Registro

This server is open for registrations. Nice people with good intentions are welcome. :)

Su dirección de correo electrónico

Elija una contraseña

Por favor, vuelva a escribir su contraseña

Tengo más de 13 años de edad y acepto los [Términos del servicio](#) de este sitio no

Registrarse

Este sitio puede requerir una verificación de correo electrónico después de enviar este formulario. Si es devuelto a una página de inicio de sesión, compruebe su email para recibir y leer las instrucciones.

Confirmación de registro para Hubzilla Social Link

A Administrator@hubzilla.link
Hoy, 9:39
Usted ▾

Se identificó este mensaje como correo no deseado. **No es correo no deseado**

Gracias por registrarse en Hubzilla Social Link.

Los detalles del inicio de sesión son los siguientes:

Localización del sitio:→<https://hubzilla.link>

Nombre de usuario:→maikel_j_simson@hotmail.com

Inicie la sesión con la contraseña que eligió durante el registro.

Necesitamos verificar su correo electrónico para poder darle pleno acceso.

Si registró esta cuenta, por favor, siga el enlace:

<https://hubzilla.link/regver/allow/6815aca4c810a2b81c2c69e6f3f34e0402bc177d4621f54be82905d8720b84ec>

Para rechazar la petición y eliminar la cuenta , siga:

<https://hubzilla.link/regver/deny/6815aca4c810a2b81c2c69e6f3f34e0402bc177d4621f54be82905d8720b84ec>

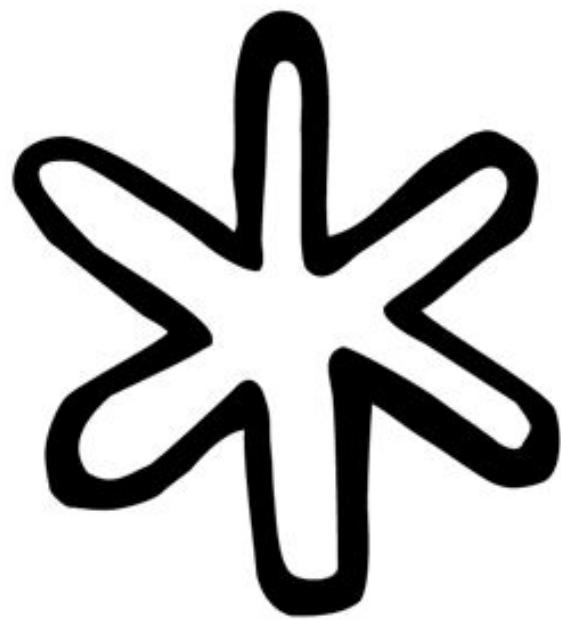
Gracias.

Problemas de seguridad:

- Registro sin necesidad de captcha.
- Necesidad de confirmar el email.

The screenshot shows the Hubzilla Social Link interface. At the top, there's a navigation bar with icons for user profile, search, and help. Below it is a header with the site name. The main area has tabs for 'Descubrir', 'Comentarios recientes', and 'Publicaciones recientes'. A 'Compartir' button is also present. A post by 'Manuel (Parlementum)' is displayed, with a timestamp of 'Ottimista, hace poco de 2 horas atrás'. The post content discusses how climate change has influenced human behavior. Below the post is a small image of a tree with birds. At the bottom of the post, there are tags: '#Cultura #Clima' and a '[-] expandir' link.

ent

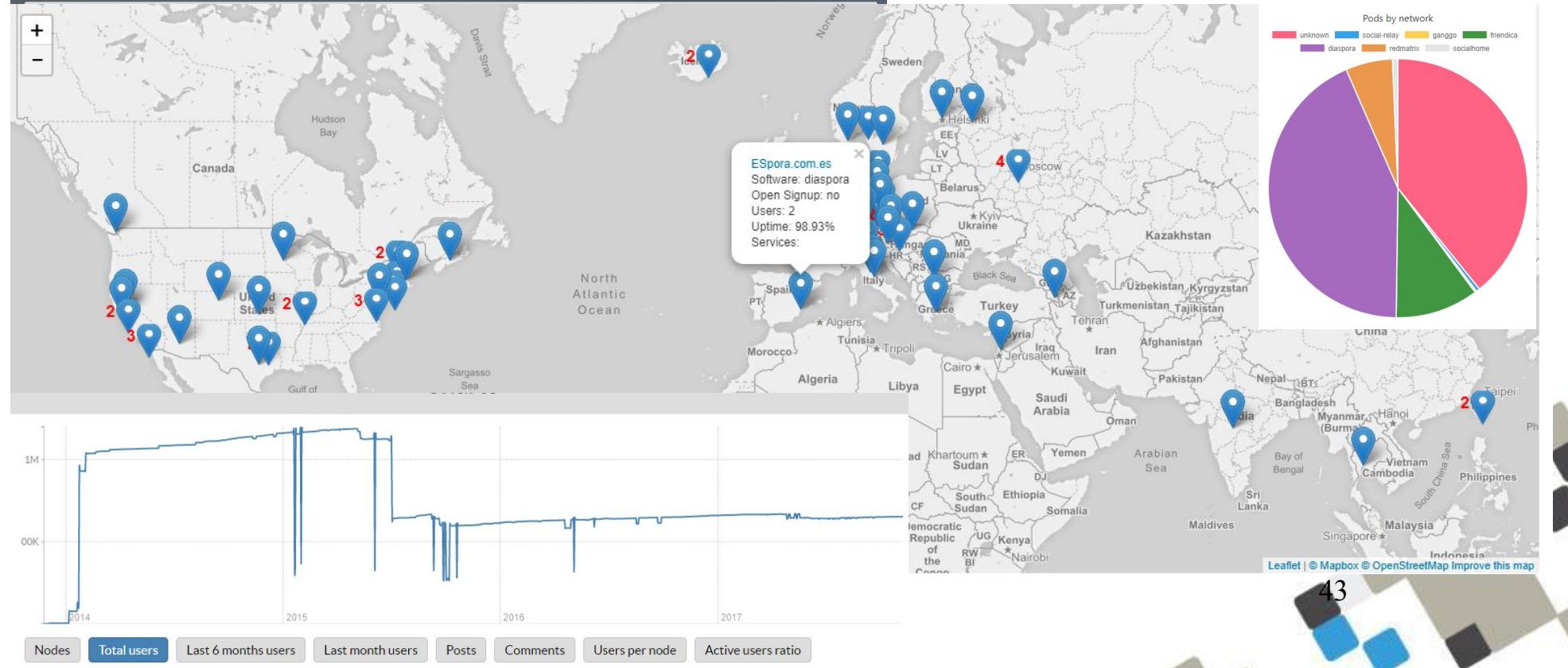
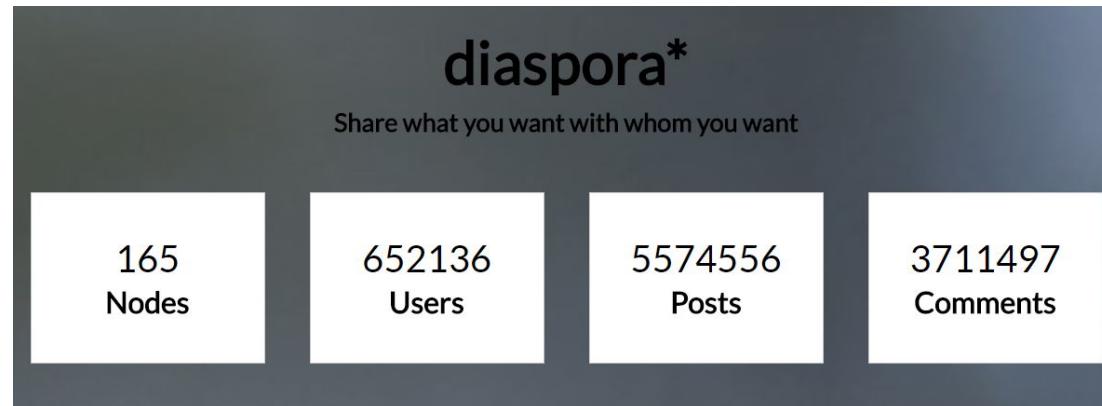


DIASPORA





diaspora*





diaspora*

JoinDiaspora*

CORREO ELECTRÓNICO

NOMBRE

CONTRASEÑA

CONFIRMACIÓN DE CONTRASEÑA

46326 INGRESA EL VALOR DE LA IMAGEN

Creando una cuenta, usted acepta los [términos del servicio](#)

[Registrarse](#)

Problemas de seguridad:

- Registro con captcha.
- Necesidad de confirmar el email.

Ajustes de privacidad

Descartar metadatos como la localización, el autor o el modelo de la cámara en las imágenes subidas (recomendado)

[Cambiar](#)

JoinDiaspora*

Portada

Mi Actividad



Buscar

Ajustes

Perfil

Cuenta

Privacidad

Servicios

Aplicaciones

Administrar servicios conectados

Twitter

Usuario no identificado. Conectar

Tumblr

Usuario no identificado. Conectar

Facebook

Usuario no identificado. Conectar

WordPress

Usuario no identificado. Conectar

Conectar con servicios de terceros te da la posibilidad de publicar tus mensajes en ellos a medida que



diaspora* - Contenido

2 personas etiquetadas con #catalonia

#catalonia

Francisco Arias
francis@joindiaspora.com
#tech-enthusiast #catalonia
#knowledge-addict

Alex
alex@join-diaspora.de
#barcelona #transition
#salesforce #catalonia

Monkeymind Hace 6 horas aproximadamente

At last! A comment about Catalonia that makes sense to me

The events in Catalonia have to be understood within the context of capitalism's long term economic crisis which culminated in a financial crash in 2008 from which there has been no real recovery. This has increasingly led local sections of the capitalist class to think they could manage the economy better than the central state. This in turn has produced a global shift towards地方主义和民族主义. In areas which still have not recovered from the bubble of speculation burst, the ruling class is running out of ideas and is divided on how to get out of it. The attempt to shift the blame onto the central Spanish government by the Catalan government, to rally workers behind the separatist programme, is supposed to conceal the fact that certain sections of the Catalan ruling class (which is also split on the issue) has been just as responsible for enacting austerity measures as the government in Madrid.

Público vía mobile - Me gusta · Compartir · Comentar

4 personas les gusta

Compartido 1 vez

paulfree14 Hace 18 horas aproximadamente

Today members of the catalan government have been send to #prison. They are accused of sedition and rebellion. They face up to 30 years in #prison

The way spanish government and mainstream media argues is nothing more than hypocrisy.

To agree that "#catalonia" has the right for self-determination under the constitutional law of #Spain" is like sayn, all women have the right to divorce their husbands but only if their husbands agree."

Also this argument is illegitim after international law. But as with every law, it's not the law that garantees the rights, it's those in power interpreting their meaning.

Also to notice, fast Friday #27Oct. #Spain has rolled out #Art115. This gives them under spanish law the legal authority to

Público · Me gusta · Compartir · Comentar

Al Jazeera (unofficial) Hace 19 horas aproximadamente

Order comes as Spain state prosecutor requests a European arrest warrant for ex-Catalan leader Carles Puigdemont.

#Catalonia #Barcelona #Spain #Europe

Estadísticas

Nombre	Versión	Registros	Usuarios totales
JoinDiaspora*	0.7.1.1-pef13cc84	Abrir	337740
Usuarios activos de este semestre	Usuarios activos mensualmente	Publicaciones locales	Comentarios locales
16708	4989	1882501	1407919

Servicios

Twitter	Tumblr	Facebook	WordPress
Disponible	Disponible	Disponible	Disponible

Problemas de seguridad:

- Puedes consultar por usuarios o mensajes desde el inicio.
- URL predecible (Identificadores secuenciales).
- Consultas infinitas, no hay límite.
- Sin autenticación.

<https://joindiaspora.com/posts/<hash/id>>

| <https://joindiaspora.com/posts/9>

JoinDiaspora* Portada Mi Actividad 🔔 📧

bigbash@joindiaspora.com 7 years ago

0 0 0 ×

Hello Diaspora Alpha!



Resumen de seguridad

Problemas seguridad

Espiar red

Suplantación identidad

Automatización creación usuarios

DoS

Phishing

Coverchannel

Red social vulnerable

Todas

Todas

GNU Social Mastodon Pumpio y
Hubzilla

Mastodon

Todas

Todas





Mensajería instantánea





About Ring



Ring is free software which allows its users to communicate in multiple ways.

What?

- › A telephone: a simple tool to connect, communicate and share.
- › A teleconferencing tool: easily join calls to create conferences with multiple participants.
- › A media sharing tool: Ring supports a variety of video input options, including multiple cameras and image and video files, and the selection of audio inputs and outputs; all this is supported by multiple high quality audio and video codecs.
- › A messenger: send text messages during calls or out of calls (as long as your peer is connected).
- › A building block for your IoT project: re-use the universal communications technology of Ring with its portable library on your system of choice.



Free software

- › Free
- › Released under GPLv3 licence
- › Supported by an active community



A network

- › OpenDHT protocol
- › Decentralized communication
- › Peer-to-peer discovery and connection



Secured

- › End-to-end encryption with authentication
- › Identity managed by X.509 certificates
- › Based on RSA/AES/DTLS/SRTP technologies



Privacy and anonymity



21 July 2017

Release of Ring 1.0 - « Liberté,
Égalité, Fraternité »

Privacy claims

Ring is a Free Software project. Its main purpose is to provide a **distributed communication system** which respects users' confidentiality by not having any centralized servers.

Ring uses distributed hash tables for establishing communication. This avoids keeping centralized registries of users and storing personal data.

However, we can't assure that Ring provides complete anonymity and privacy over the network. We know of two possible weaknesses.

One possible weakness is that [OpenDHT](#) collects and saves metadata. This makes it possible for eavesdroppers to observe the traffic on some DHT node and see who is talking to whom. However, they won't be able to access the contents of the conversations.

A second possible weakness is that Ring keeps the user's passphrase in memory for the length of a session. This could be the source of a vulnerability in some (rather unlikely) circumstances. We are studying how to avoid keeping it in memory.

Finally, Ring has not yet been studied thoroughly, so we cannot make categorical assertions about the effectiveness of its security and anonymity.

We will update this page to follow the development of Ring.

We welcome your suggestions or reflections about these points; please write to our public mailing list, <ring@gnu.org>.





Contramedidas

- Control de la automatización en los registros
 - Utilización de captchas.
 - 2FA.
- No utilizar identificadores acumulativos para los mensajes de la red / usuarios.
- Necesidad de autenticación en todas las peticiones.
- Limitaciones en las consultas a las APIs.

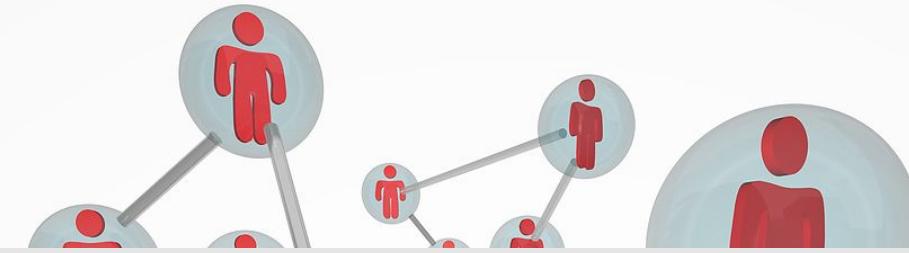


Conclusiones

- Una buena alternativa a las redes convencionales son estas redes abiertas.
- Es posible encontrar tus aficiones y gente con los mismos gustos, contacto más cercano.
- Cuidar la seguridad de estas nuevas tecnologías. Todo recae en el administrador de la instancia.
- Gran fuente de información para analistas, ¿ es necesario tener estas redes en cuenta?



Gracias por su atención



Seguridad en redes sociales libres Ataques y Amenazas

