

Re-descentralizar a Web!

nic.br egi.br



Reinaldo Ferraz
W3C Brasil



@reinaldoferraz

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Brasil

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HTML



CARTILHA
ACESSIBILIDADE NA WEB

W3C BRASIL



DADOS ABERTOS



Conferência Webbr 2015



<https://youtu.be/BPZiBDPKiGk>

Re-Descentralização da Web

Andrei Samba

Centralização é um risco

Nos mais diversos aspectos

“I have a very bad feeling about this”

Luke Skywalker

Tim Berners-Lee: we need to re-decentralise the web

POLITICS / 06 FEBRUARY 14 / by LIAT CLARK

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12 comments

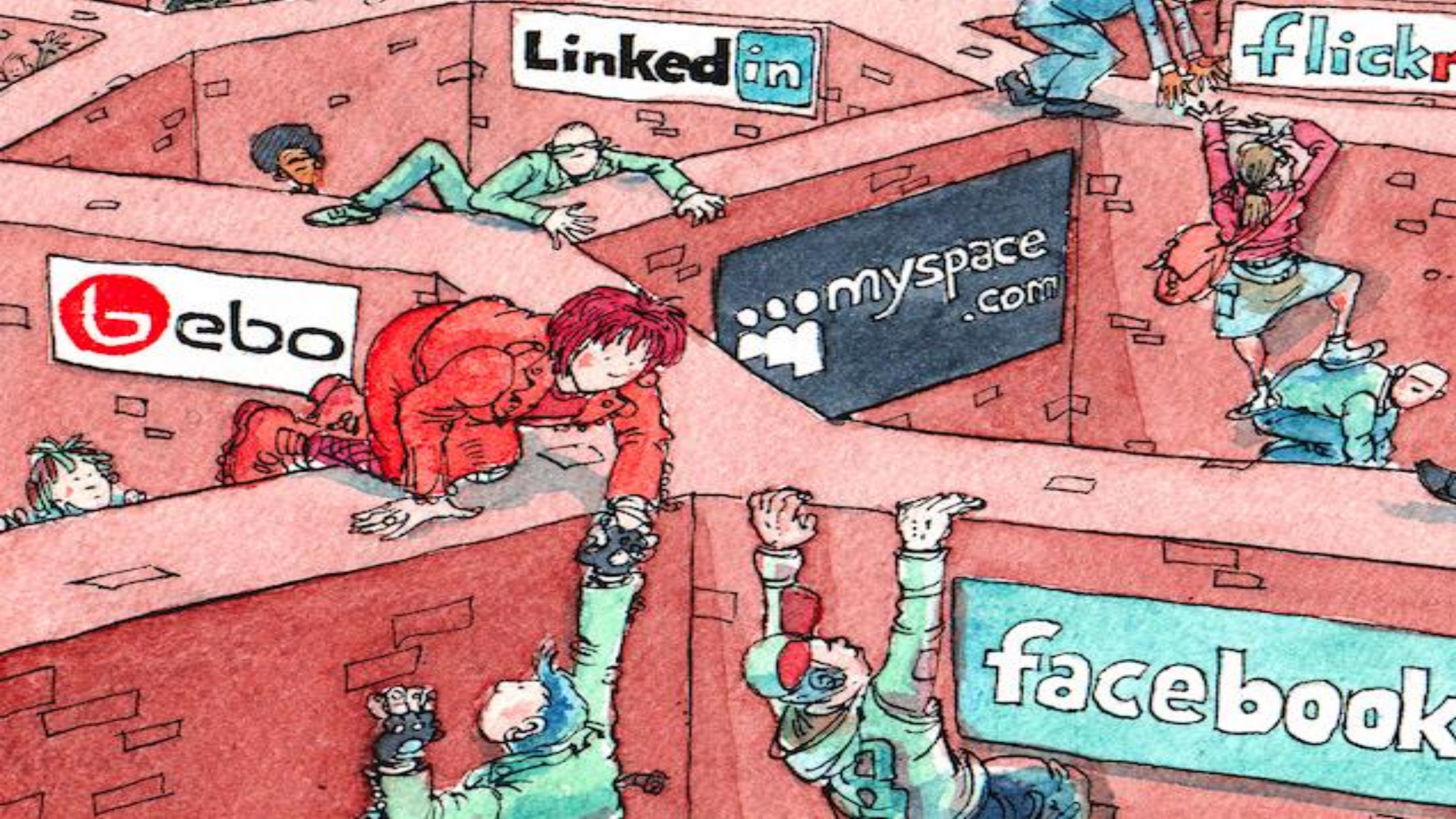
Twenty-five years on from the web's inception, its creator has urged the public to re-engage with its original design: a decentralised internet that at its very core, remains open to all.

Speaking with Wired editor David Rowan at an event launching the magazine's **March issue**, Tim Berners-Lee said that although part of this is about keeping an eye on for-profit internet monopolies such as search engines and social networks, the greatest danger is the emergence of a balkanised web.



Tim Berners-Lee with David Rowan *Chris Woods / chrismwoods.com*

<http://www.wired.co.uk/news/archive/2014-02/06/tim-berners-lee-reclaim-the-web>



LinkedIn

flickr

myspace.com

Gebo


facebook

Riscos dos jardins murados

- Refém de uma única marca (hardware e software)
- Fim do ineditismo (outros definem o que é relevante a você)
- Segurança/privacidade (para onde vão os dados coletados?
Transparência)

Search Finance

Search Web

Watchlist 
Quotes you view appear here for quick access.

Quote Lookup

- [Finance Home](#)
- [My Portfolio](#)
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Rousseff wants Web servers to be housed in Brazil

Brazilian leader pushing Internet bill requiring foreign companies to house servers in Brazil

AP By Bradley Brooks, Associated Press
September 12, 2013 7:55 PM



<http://finance.yahoo.com/news/rousseff-wants-servers-housed-brazil-223154730.html>


29/06/2014 13h45 - Atualizado em 29/06/2014 13h45

AFP

Em experimento secreto, Facebook manipula emoções de usuários

Algoritmo de 700 mil usuários foi manipulado por uma semana em 2012. Resultado mostrou que humor de usuários varia de acordo com conteúdo.

Da France Presse

 Tweetar

430

 Recomendar

9,3 mil

Um estudo detalhando como o Facebook manipulou secretamente o feed de notícias de aproximadamente 700 mil usuários com o objetivo de avaliar o "contágio emocional" desencadeou revolta na rede social.

<http://g1.globo.com/tecnologia/noticia/2014/06/em-experimento-secreto-facebook-manipula-emocoes-de-usuarios.html>

↑ > Current Issue > vol. 112 no. 33 > Robert Epstein, E4512–E4521, doi: 10.1073/pnas.1419828112



The search engine manipulation effect (SEME) and its possible impact on the outcomes of elections

Robert Epstein¹ and Ronald E. Robertson

Author Affiliations ↕

Edited by Jacob N. Shapiro, Princeton University, Princeton, NJ, and accepted by the Editorial Board July 8, 2015 (received for review October 16, 2014)

Abstract | Full Text | Authors & Info | Figures | SI | Metrics | Related Content | PDF | PDF + SI

Significance

We present evidence from five experiments in two countries suggesting the power and robustness of the search engine manipulation effect (SEME). Specifically, we show that (i) biased search rankings can shift the voting preferences of undecided voters by 20% or more, (ii) the shift can be much higher in some demographic groups, and (iii) such rankings can be masked so that people show no awareness of the manipulation. Knowing the proportion of undecided voters in a population who have Internet access, along with the proportion of those voters who can be influenced using SEME, allows one to calculate the win margin below which SEME might be able to determine an election outcome.

This Issue



August 18, 2015
vol. 112 no. 33
Masthead (PDF)
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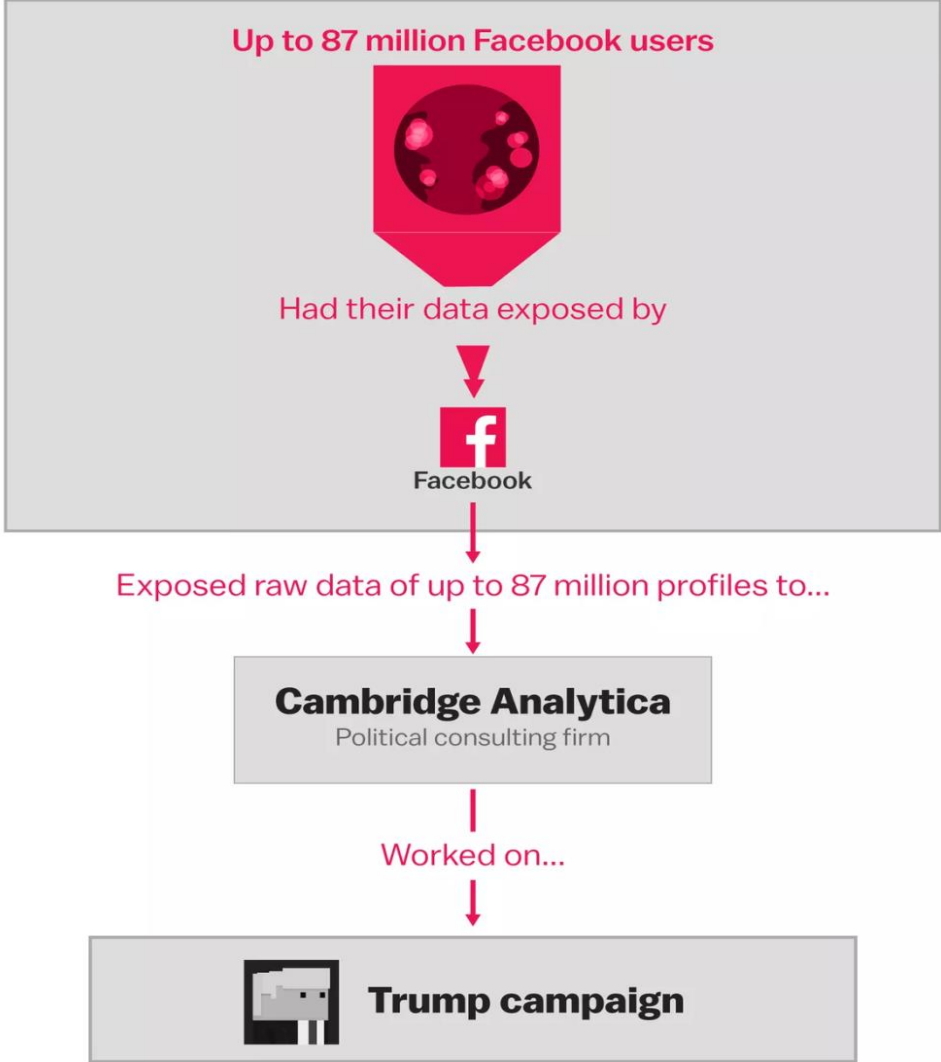
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<https://www.cnn.com/2018/04/10/facebook-cambridge-analytica-a-timeline-of-the-data-hijacking-scandal.html>



Scott's Search

Egypt About 21,000,000 results (0.34 seconds)

Crisis in Egypt
Violence in Egypt has been muted but will not be silenced. Listen.
www.bbc.com/1/health/2011/02/110201_egypt_crisis.shtml

Egypt - Wikipedia, the free encyclopedia
Egypt officially the Arab Republic of Egypt, is a country mainly in North Africa, with the Sinai Peninsula forming a land bridge in Southwest Asia.
en.wikipedia.org/wiki/Egypt - Cached - Similar

Egypt News - The Protests of 2011 - The New York Times
World news about Egypt and the protests of 2011. Breaking news and analysis information about its people, politics and economy from The New York Times.
www.nytimes.com - World - Countries and Territories - Cached - Similar

Egypt Travel, Tours, Vacations, Ancient Egypt from Tour Egypt
Information for travelers, resources on history, monuments and activities.
www.touregypt.net - Cached - Similar

News for Egypt

Who Let's Loose Mub. Laker to Return to Egypt
By Christian Trigg AP
Mub. Laker has already had one troubling experience in Egypt before last Friday's "initial and sustained" assault.
www.foxnews.com - 1000 related articles - Shared by 5

Egypt, new book for gender equality
USA Today
2011's newest authors - Shared by 5

Realtime updates for Egypt (DPO)

Egypt Daily News - Egypt News

Daniel's Search

Egypt About 21,000,000 results (0.34 seconds)

Egypt - Wikipedia, the free encyclopedia
Egypt officially the Arab Republic of Egypt, is a country mainly in North Africa, with the Sinai Peninsula forming a land bridge in Southwest Asia.
en.wikipedia.org/wiki/Egypt - Cached - Similar

Egypt Travel, Tours, Vacations, Ancient Egypt from Tour Egypt
Information for travelers, resources on history, monuments and activities.
www.touregypt.net - Cached - Similar

Egypt Daily News, Egypt News
Egypt Daily News, covering Egypt news, Arab news, Middle East news and World news.
www.egyptdailynews.com - Cached - Similar

Images for Egypt - Report images






Egypt - CIA - The World Factbook
Features a map and brief descriptions of geography, economy, government, culture and more.
www.cia.gov/library/publications/the-world-factbook - Cached - Similar

Information Services
This site provides information on the country's government, politics, culture, and tourism. (Arabic, English, French)

É O FILTRO
INVISÍVEL
QUE A
INTERNET
ESTÁ
ESCONDENDO
DE VOCÊ
ELI PARISER
SUA LINGUAGEM



"Explosão" Chris Anderson, autor de A cauda longa



Os dados são seus

E tem o direito de escolher o que e
com quem compartilhar

...consentimento expresso sobre coleta, uso, armazenamento e
tratamento de dados pessoais...

Marco Civil da Internet

Mas como re-descentralizar a Web?

Descentralizar serviços

Aplicações e serviços com foco no usuário

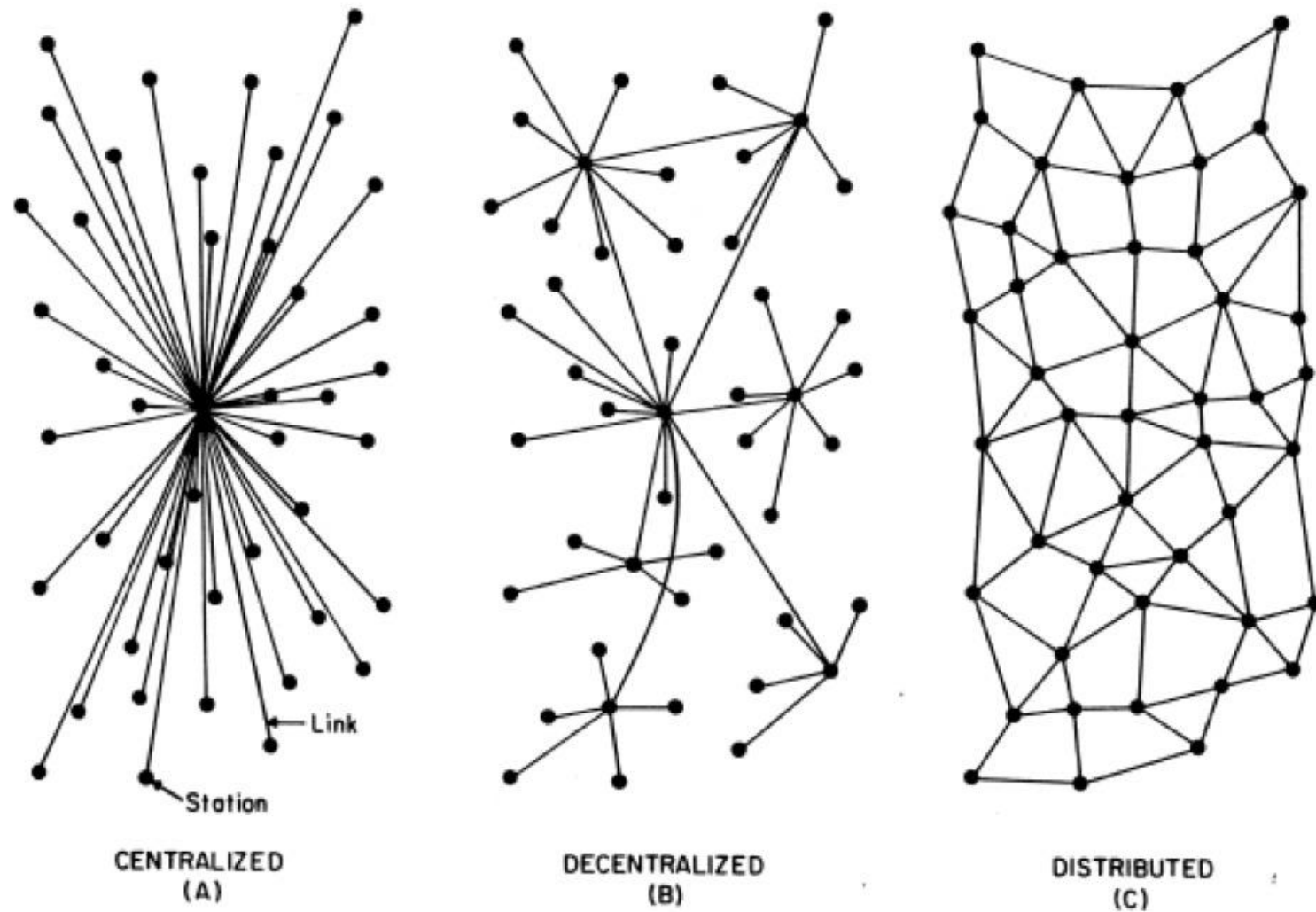
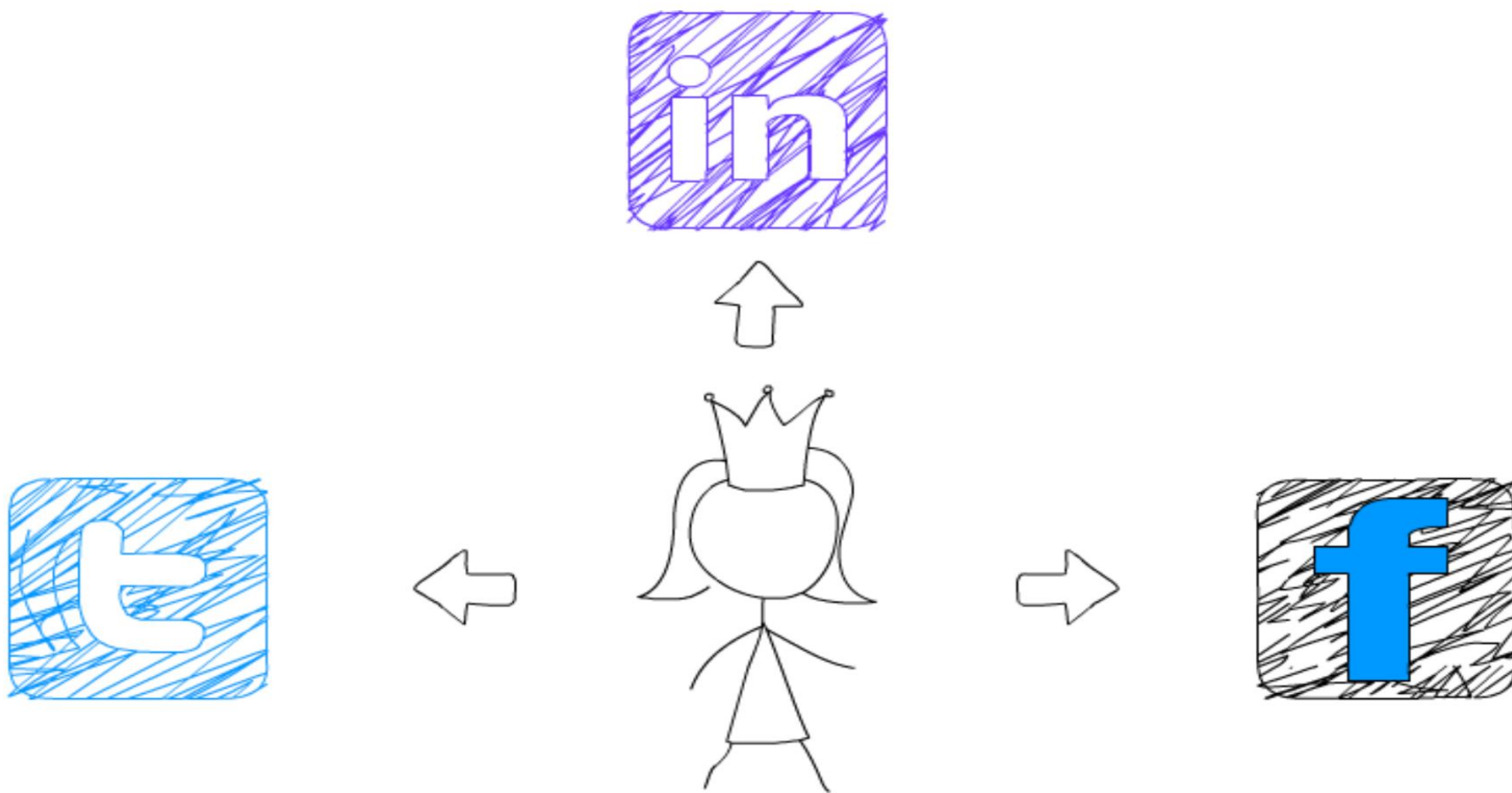


FIG. 1 – Centralized, Decentralized and Distributed Networks

Centralizado no usuário

Aplicações e serviços com foco no usuário



Governança e Democracia

Com participação da sociedade

“Internet governance is Topic A in many quarters”

Vint Cerf



Presidência da República
Casa Civil
Subchefia para Assuntos Jurídicos

LEI Nº 12.965, DE 23 DE ABRIL DE 2014.

Vigência

Estabelece princípios, garantias, direitos e deveres para o uso da Internet no Brasil.

A PRESIDENTA DA REPÚBLICA Faço saber que o Congresso Nacional decreta e eu sanciono a seguinte Lei:

CAPÍTULO I
DISPOSIÇÕES PRELIMINARES

Art. 1º Esta Lei estabelece princípios, garantias, direitos e deveres para o uso da internet no Brasil e determina as diretrizes para atuação da União, dos Estados, do Distrito Federal e dos Municípios em relação à matéria.

Art. 2º A disciplina do uso da internet no Brasil tem como fundamento o respeito à liberdade de expressão, bem como:

- I - o reconhecimento da escala mundial da rede;
- II - os direitos humanos, o desenvolvimento da personalidade e o exercício da cidadania em meios digitais;
- III - a pluralidade e a diversidade;
- IV - a abertura e a colaboração;
- V - a livre iniciativa, a livre concorrência e a defesa do consumidor; e
- VI - a finalidade social da rede.

Art. 3º A disciplina do uso da internet no Brasil tem os seguintes princípios:

- I - garantia da liberdade de expressão, comunicação e manifestação de pensamento, nos termos da Constituição Federal;
- II - proteção da privacidade;
- III - proteção dos dados pessoais, na forma da lei;
- IV - preservação e garantia da neutralidade de rede;
- V - preservação da estabilidade, segurança e funcionalidade da rede, por meio de medidas técnicas compatíveis com os padrões internacionais e pelo estímulo ao uso de boas práticas;
- VI - responsabilização dos agentes de acordo com suas atividades, nos termos da lei;
- VII - preservação da natureza participativa da rede;
- VIII - liberdade dos modelos de negócios promovidos na internet, desde que não conflitem com os demais princípios estabelecidos nesta Lei.

Parágrafo único. Os princípios expressos nesta Lei não excluem outros previstos no ordenamento jurídico pátrio relacionados à matéria ou nos tratados

THE IGF IS A GLOBAL MULTISTAKEHOLDER PLATFORM THAT FACILITATES THE DISCUSSION OF PUBLIC POLICY ISSUES PERTAINING TO THE INTERNET

ABOUT ▾

IGF 2018 ▾

INTERSESSIONAL ▾

IGF INITIATIVES ▾

PUBLICATIONS & REPORTS ▾

CALENDAR



Latest News

[IGF 2018 Interactive Schedule](#)

[IGF 2018 Registration for Online Participants OPEN \(deadline for Onsite Participants 3 November\)](#)

[IGF Host Country Website on Travel, Visas & More](#)

[Invitation to 13th IGF from UN Under-Secretary-General](#)

[2018 IGF & MAG Press Release](#)

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[Participate in Our Meetings](#)

 IGF
[@intgovforum](#)

Final reminder to register
#IGF2018 Remote Hubs for your communities by 15 October 2018
[intgovforum.org/multilingual/c...](#)



IGF 2018 Re...
If you are not ...
[intaovforum.org](#)

IGF 2018

The **thirteenth Annual Meeting of the Internet Governance Forum (IGF)** will be hosted by the Government of France at the headquarters of **UNESCO in Paris from 12 to 14 November 2018**. An **invitation** to participate in the meeting from **UN Under-Secretary-General for Economic and Social Affairs Liu Zhenmin** has been posted.

The **schedule of the meeting**, under the title, '**Internet of Trust**', is now available, as well as logistical information for participants through the **IGF 2018 host country website**. **Registration** to attend the annual meeting in person is open until **3 November 2018**.

IGF 2019 MAG Renewal Announcement

The Internet of Trust



VIII Fórum da Internet no Brasil

Pré IGF Brasileiro 2018

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04 a 07 de novembro de 2018

Centro de Eventos da Universidade Federal de Goiás

Goiânia - GO

Realização:

br cgi.br

Apoio:

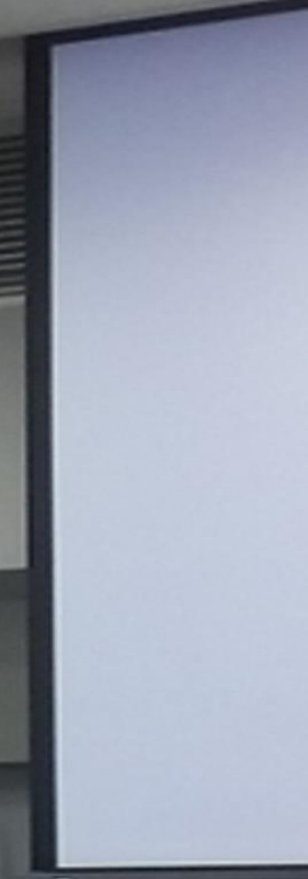


O Fórum da Internet no Brasil e Pré IGF Brasileiro é promovido anualmente pelo Comitê Gestor da Internet no Brasil (CGI.br) e consiste em atividade preparatória para o Fórum de Governança da Internet (IGF). Por meio dele, o CGI.br busca incentivar representantes dos setores que o compõem a acompanharem e opinarem sobre as questões mais relevantes para a consolidação e expansão de uma Internet cada vez mais diversa, universal e inovadora no Brasil.

Iniciativas em nosso favor

Help!
Beatles

Tim Berners-Lee
explica sobre
descentralização
no TPAC 2015



Redecentralize • taking back the net

Quietly, some geeks are decentralizing the net. Again. Who are they? Why are they doing it? What new technologies are they using? How will this change the world?

We interview them to find out, and we're a community to help out.

 Watch

 Subscribe

 Discuss

Which app would you love to see decentralised (private, resilient, innovative)?

Email

Calendar

Contacts

Diary / Journal

Storage & backup

Photos

Music

Instant Messenger

Online calls

<http://rhiaro.co.uk/2015/10/timblhttpswww3orgpeoplebners>



Ben Werdmüller

@benwerd

Imagine a social network where everyone's profile is their own website but they can share & discuss seamlessly & privately with each other.

RETWEETS

8

FAVORITES

18





Nome de usuário @mastodon.social

Endereço de e-mail

Senha

Confirmar senha

Cadastrar-se

Ao se cadastrar você concorda em seguir [as regras da instância](#) e [os nossos termos de serviço](#).

OU

Entrar

JOIN THE
FEDERATION!
mastodon awaits



Mastodon

Mastodon hospedado em mastodon.social

This page describes the mastodon.social **instance** - wondering what Mastodon is? Check out [joinmastodon.org](#) instead! In essence, Mastodon

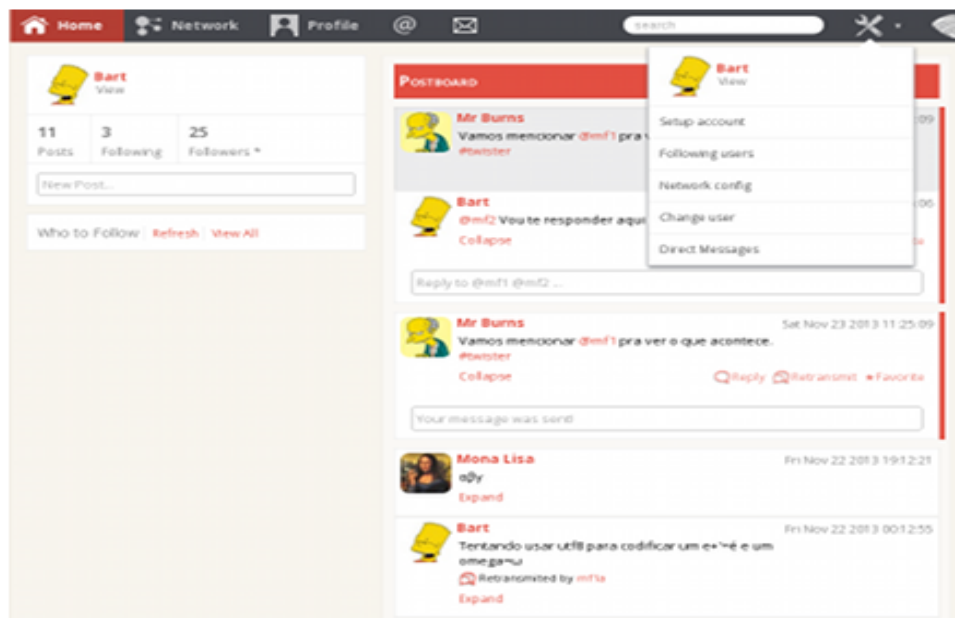
<https://mastodon.social/>

[Home](#)[About](#)[Contribute](#)[Development](#)[Download](#)[FAQ](#)[News](#)[Press](#)[Screenshots](#)[User resources](#)

twister

Peer-to-peer microblogging

twister is the fully decentralized P2P microblogging platform leveraging from the free software implementations of Bitcoin and BitTorrent protocols.

[Download now](#)

<http://twister.net.co/>



HUBZILLA

Connecting free and independent communities across the web

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

Ready to dive in? Register an account on

HUBZILLA » Start

<https://project.hubzilla.org/page/hubzilla/hubzilla-project>



Web  RTC



Audio and Video Communication in the browser



Truly simple video chat
and screen sharing for groups.

Start a chat



Bitmessage
Wiki

Navigation

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- [Help with the client](#)
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- [Compiling instructions](#)
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- [Page information](#)

Page [Discussion](#)

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Main Page



Bitmessage

Bitmessage is a P2P communications [protocol](#) used to send encrypted messages to another person or to many subscribers. It does not inherently trust any entities like root certificate authorities. It uses strong authentication which means that the sender can protect their data, like the sender and receiver of messages, from passive eavesdroppers like those running warrantless wiretapping. To start by reading the [whitepaper](#).

Download

An open source client is available for free under the very liberal [MIT license](#). For screenshots and a description of the "Bitmessage" client.



[Download for Windows](#)



[Download for OS X](#)



[Download for Linux](#)

BitMessage.org

W3C
Brasil

nic.br egi.br



Inbox | Joe Random's mail | x

https://demo.mailpile.is/in/inbox/

Apps Web Shiz Interesting Programing Environment Art Blogs Traveling Articles Misc Music Venues Music Resources

mailpile in:inbox

Drafts 1

Inbox 105

Sent

Spam

Trash

FOSDEM 31

Crypto-List 241

All Mail

Photos

Files

Links

Edit Sidebar

All Unread Attachments

List Display

Click item or checkbox to select

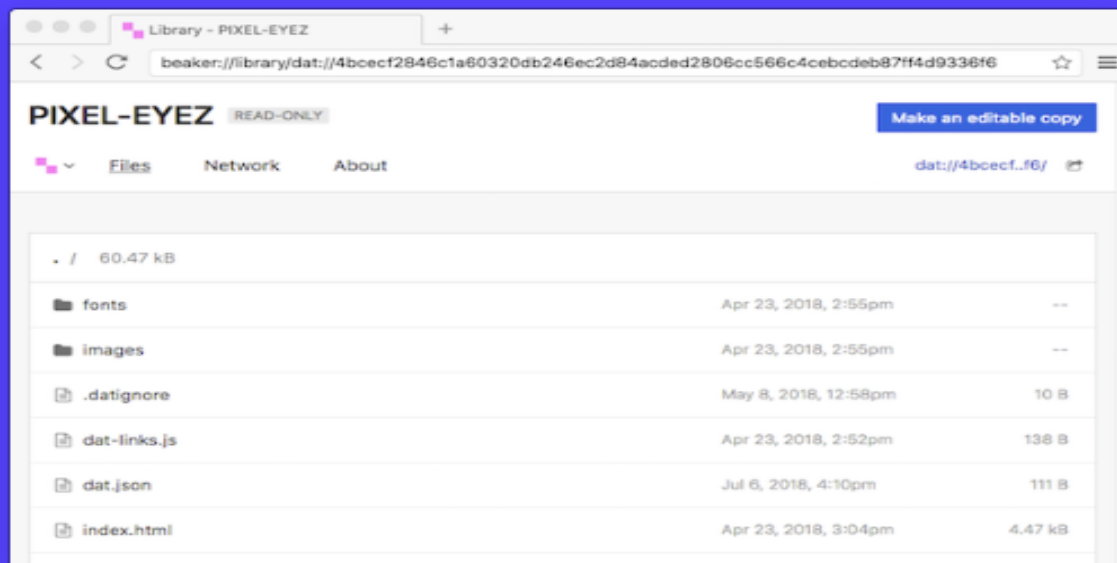
	Brennan Novak	YO DAWG	Jan 30	<input type="checkbox"/>
	Smári McCarthy	Icelandic Banana	Jan 30	<input type="checkbox"/>
	Smári McCarthy	Demo ipsum	Jan 30	<input type="checkbox"/>
	EFFector List	EFF's Scorecard: How do Obama's NSA reforms stack up? EFFector 27.02	Jan 22	<input type="checkbox"/>
	Bruce Schneier	CRYPTO-GRAM, January 15, 2014	Jan 15	<input type="checkbox"/>
	EFFector List	Every branch of the US government is calling for NSA reform	Dec 23	<input type="checkbox"/>
	Bruce Schneier	CRYPTO-GRAM, December 15, 2013	Dec 15	<input type="checkbox"/>
	EFFector List	The spy in your pocket EFFector 26.24	Dec 09	<input type="checkbox"/>
	Bruce Schneier	CRYPTO-GRAM, November 15, 2013	Nov 15	<input type="checkbox"/>

MailPile.is

JULY 31 Decentralized Web Summit, San Francisco

A browser for the next-generation Web

Beaker is an experimental browser for exploring and building the peer-to-peer Web.

[Install Beaker](#)[Take a tour](#)

<https://beakerbrowser.com/>

Awesome Decentralized Web

A curated list about the decentralized technologies and tools to develop decentralized applications. Thanks to the [Decentralized Web Summit](#) for the inspiration.

Protocols and Technologies

Tools for building a decentralized web.

Communication

- [ForgeFed](#) - a decentralized federation protocol provides a server to server API for pull request, forking and subscription.
- [Matrix](#) - an open standard for decentralised persistent communication over IP. Matrix wants to connect together all the various communication services and make them interoperate.

Data

- [BitTorrent](#) - protocol for distributed file sharing.
- [Dat Protocol](#) - versioned, encrypted, peer-to-peer protocol for distributed file sharing.
- [IPFS](#) - or InterPlanetary File System, is a distributed file storage system that aims to replace HTTP.

<https://github.com/gdamdam/awesome-decentralized-web>

W3C®



Solid - Social Linked Data







Inrupt

A free provider by the commercial entity established by the Solid founding team.

GET A POD



Solid Community

A free provider for the Solid community, by the Solid community.

GET A POD

BECOME A SOLID PROVIDER

Learn how to install and run your own Solid server

Learn More

HOW SOLID WORKS

How Solid realizes the web as it was originally envisioned.

Learn More

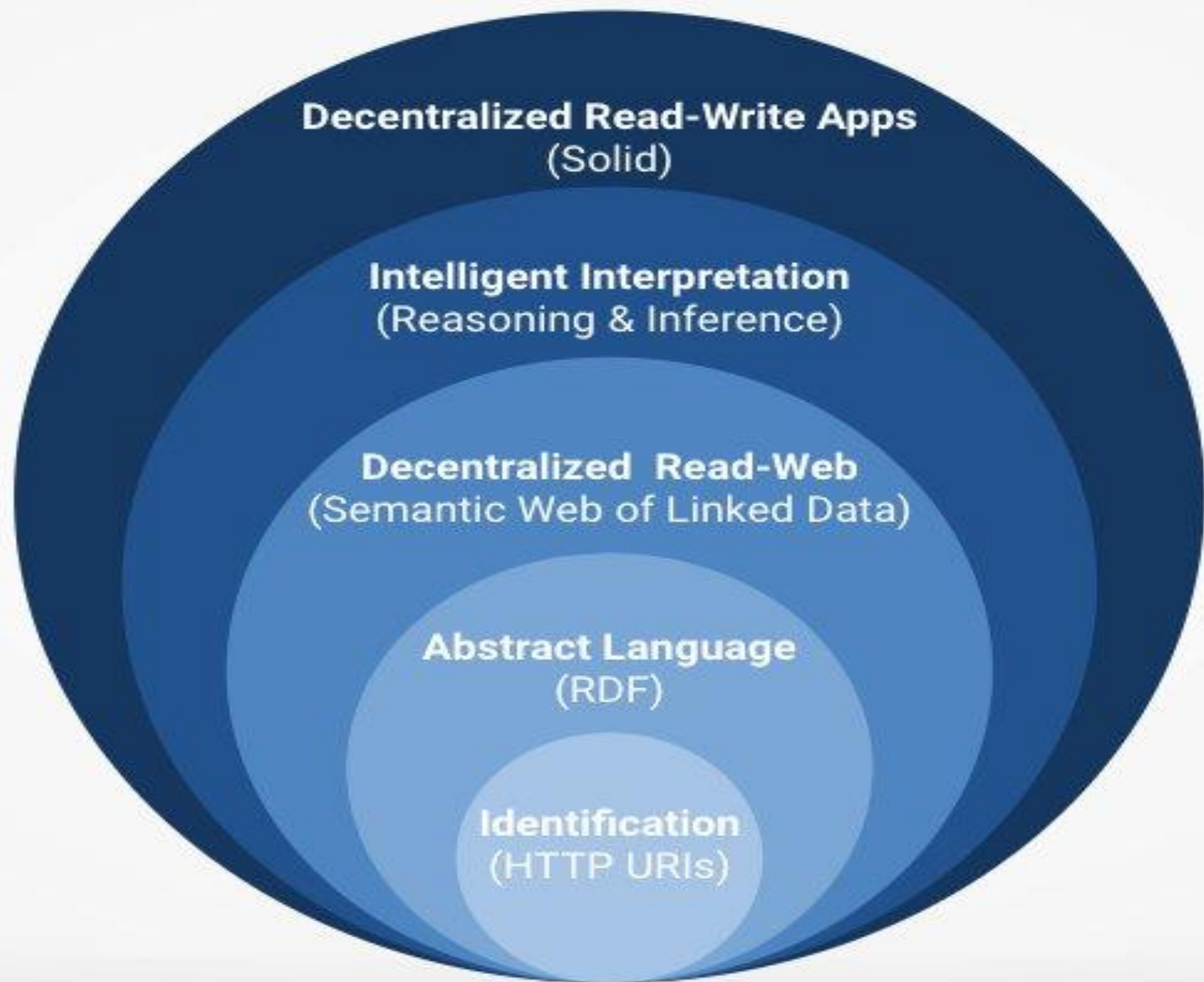
This is a public homepage of Reinaldo, whose WebID is <https://reinaldoferraz.inrupt.net/profile/card#me>.

Data

Profile	public
Inbox	private
Public Folder	public

Apps

Getting started with Solid and Data Browser



Três princípios fundamentais:

- Dissociar tudo
- Construir uma plataforma genérica + ferramentas
- Padronizar o máximo possível

<https://solid.inrupt.com/>
<https://solid.mit.edu/>

- [GETTING STARTED](#)
- [GUIDES](#)
- [SOLID FUNDAMENTALS](#)
- [LINKED DATA FUNDAMENTALS](#)
- [WRITING SOLID APPLICATIONS](#)
- [RUNNING A SOLID SERVER](#)

Participe da construção da Web dentro do W3C


“as long as man tried to fly
by imitating birds, he couldn't succeed”

Le Corbusier

Obrigado

reinaldo@nic.br

@reinaldoferraz

 w3cbrasil@nic.br

 @w3cbrasil

 Facebook.com/W3CBrasil