

Introduction to PeerTube



Agenda

Overview – social media landscape of today

ActivityPub protocol and Fediverse

PeerTube project

Demo

Closing remarks (the future)

Feedback form

Who am I?

Chris Audet

Social media is not a public utility

Moderation

Data collection

Business model

Addicting / Engagement driven

User hostile

World

Myanmar army hunts 7 protest supporters over social media comments

'Catch me if you can,' coup protester responds on her Facebook page

Thomson Reuters · Posted: Feb 14, 2021 2:17 PM ET | Last Updated: February 14



A demonstrator prepares a placard during a protest against the military coup in Yangon, Myanmar, on Saturday. (Reuters)

Myanmar's army is hunting for seven well-known supporters of protests against this month's coup, and they face charges over comments on social media that threaten national stability, the army said on Saturday.

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The Current

'In the middle of a battle,' journalist Maria Ressa, named among Time's Person of the Year, won't back down

'I'm not about to render my entire life and career meaningless by not standing up when it matters,' Ressa says

CBC Radio · Posted: Dec 12, 2018 11:26 AM ET | Last Updated: December 12, 2018



Maria Ressa was honoured as one of Times Magazine's People of the Year 2018 for her work as a 'guardian' of the truth. (Sylvia Thomson/CBC)

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{* PERSONAL TECH *}

Twitter given three weeks to comply with Indian content code

Appears to have taken first step by appointing grievance officer

Simon Sharwood, APAC Editor

Tue 1 Jun 2021 // 01:45 UTC

15 



Twitter has been given three weeks to comply with India's Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules 2021 – which came into effect last week.

Twitter has **protested** the new rules on grounds that they inhibit free speech. India's government has labelled Twitter's reaction as anti-democratic meddling in the nation's affairs.

The ruling compelling Twitter to get its house in order came yesterday in the form of an order from the Delhi High Court, which heard a petition from an Indian citizen who complained that the micro-blogging service had not complied with the Code's requirement to appoint a grievance officer in India.

During the hearing, Twitter revealed it has made an appointment to that role. The company has since **posted contact details** for that officer, naming contacts in the USA and India – and a single email address – as the point of contact for individual Indians and government agencies that wish to raise problems with content on Twitter.

Jul 4, 2019, 10:55am EDT | 27,854 views

YouTube Hacking Video Ban Sparks Outrage



Kate O'Flaherty Senior Contributor @

Cybersecurity

I am a cybersecurity journalist.

f

t

in



YouTube App icon channel on iPhone XR GETTY

YouTube has sparked outrage after wrongly removing legitimate educational cybersecurity videos as a result of a new written policy.

According to tech site [The Register](#), the written policy first appeared in the Internet Wayback Machine's archive in an April 5, 2019 snapshot.

Business

Australia's standoff with Facebook has lessons for Canada, publisher says

Australia on Thursday passed final amendments to legislation that forces Google and Facebook to pay for news

CBC News · Posted: Feb 25, 2021 3:47 PM ET | Last Updated: February 25



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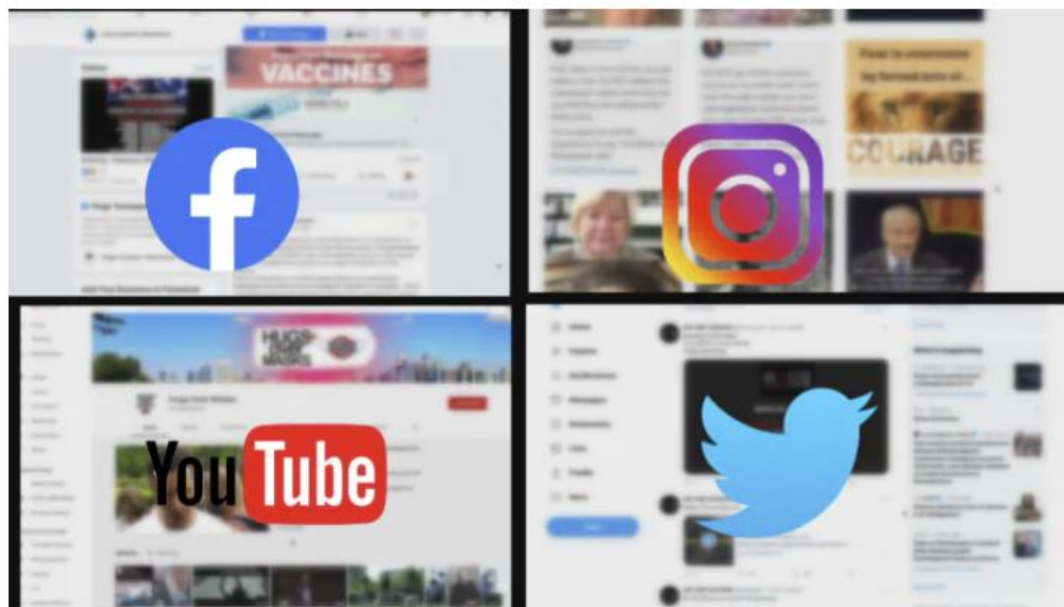
Marketplace

Marketplace flagged over 800 social media posts with COVID-19 misinformation. Only a fraction were removed

Claims that vaccines cause sterility, fake COVID treatments among posts Facebook hadn't removed as of March 29

Eric Szeto, Katie Pedersen, Asha Tomlinson · CBC News ·

Posted: Mar 30, 2021 7:30 AM ET | Last Updated: March 30



Despite promises to tackle COVID-19 misinformation from social media companies like Facebook, Twitter, YouTube, and Instagram, a Marketplace investigation still found plenty online. (CBC)

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Fediverse (activitypub protocol)

Many small, connected social networks

Federated, works like email

Move your account, keep your followers

Your account can be used to follow and comment on any site on the federated network

<https://Fediverse.party>



Misskey



diaspora



Hubzilla



Mastodon



Pleroma



PeerTube



Pixelfed



Friendica



Funkwhale




GNU Social


- Home
- Direct messages
- Profile
- Local timeline
- Global timeline

 Cormier Palette @CormierPaulette@local.dev.bitgrid.net


Share a thought... 

 Post publicly

 AllenMolly AllenMolly@local.dev.bitgrid.net seconds ago
@CormierPaulette I hope you'll us for the next one as well. 👍

 CormierPaulette CormierPaulette@local.dev.bitgrid.net 27 minutes ago
@AllenMolly @SelfShane It was really nice to meet you both at the Nextcloud contributor week.

 nextcloud Nextcloud@mastodon.xyz 36 minutes ago
@AllenMolly Hello from the outside 🥰

 AllenMolly AllenMolly@local.dev.bitgrid.net an hour ago
Anyone wants to help us testing the latest release candiate of Nextcloud 15?
<https://nextcloud.com/blog/nextcloud-15-rc1-is-here-for-testing-earn-swag-for-upgrade-bugs/>

 AllenMolly AllenMolly@local.dev.bitgrid.net an hour ago
@Nextcloud@mastodon.xyz Hello from Nextcloud social to the outside.

 SelfShane SelfShane@local.dev.bitgrid.net an hour ago
Hi everyone. I joined the fediverse using Nextcloud Social 🥰 🎉



Linux

!linux

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Comments

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↑
19
↓



Why my need for control made me switch to Linux

@ajz • *opensource.com* • 1d

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Linux OS is Best for Medical Devices

@strubbl • *hackernoon.com* • 20h

0 Comments ☆

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34
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Valve's ACTUALLY working on a Steam CONSOLE!

@Evelyn • *open.lbry.com* • 4d • 📄

53 Comments ↓ 2 ☆

Linux

!linux

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From Wikipedia, the free encyclopedia

Linux is a family of open source Unix-like operating systems based on the Linux kernel, an operating system kernel first released on September 17, 1991 by Linus Torvalds. Linux is typically packaged in a Linux distribution (or distro for short).

Distributions include the Linux kernel and supporting system software and libraries, many of which are provided by the GNU Project. Many Linux distributions use the word "Linux" in their name, but the Free Software Foundation uses the name GNU/Linux to emphasize the importance of GNU software, causing some controversy.

Community icon by [Alpár-Etele Méder](#), licensed under [CC BY 3.0](#)

Search



@ChrisAudet

Edit profile



What's on your mind?



CW

500

TOOT

Federated timeline



6 new items



ThinkBot @ThinkBot@botsin.space

56s

If you had a dollar for every dollar you didn't have, you would break the fabric of reality with the sheer amount of money in your bank account.



Majes @Majes@bitcoinhackers.org

30s

In an 8-K filing with the SEC, MicroStrategy stated that it will take an impairment loss of "at least \$284.5 million" related to "fluctuations in market price of bitcoin." The charge will take place in the firm's quarter ending June 30.

sec.gov/Archives/edgar/data/10...

But.....

Microstrategy raising another \$400M to buy more bitcoin

seekingalpha.com/pr/18347676-m...



Home

15 Notifications

Local

Federated

Direct messages

Favourites

Bookmarks

Lists

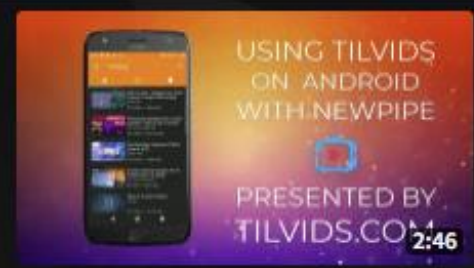
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Preferences

Follows and

Login
Create an account

- ON TILVIDS
- Discover
- Trending
- Recently added
- Local videos
- What is TILvids?
- Donate to Support
- /r/tilvids on Reddit
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TILvids Mobile Using NewPipe - An Open-Source
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PeerTube Project

Framasoft.org

French non-profit (35 members)

Funded by grants and donations

Single developer (Chocoboxxx)

PeerTube Application

YouTube-like interface

Host videos and live-streams

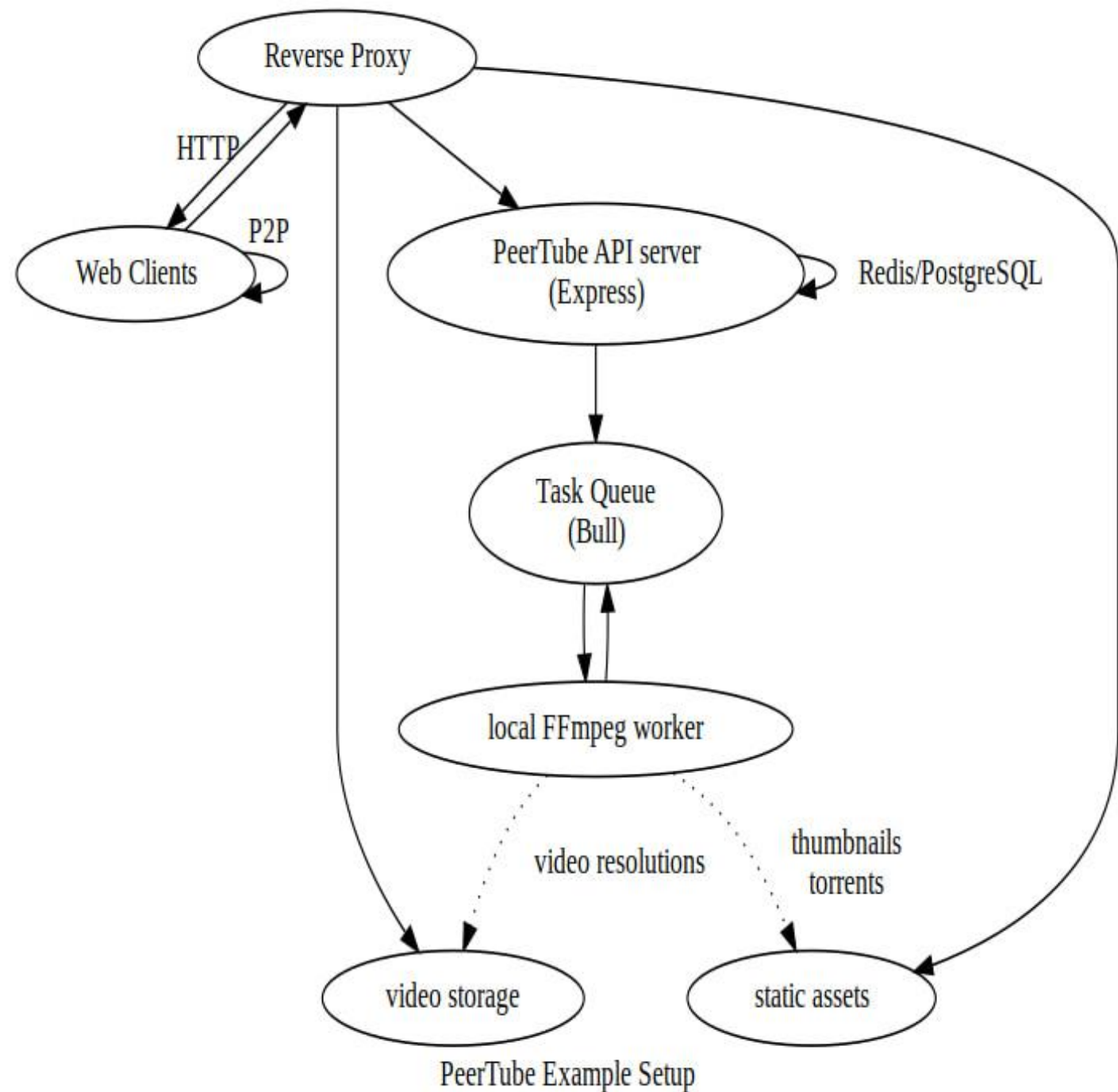
Browser interface

Moderation tools (federation, local)

Plugin and Themes

Technologies used

Google "[PeerTube Technical Overview](#)" for design doc



“The year of the Linux desktop”



Advantages to PeerTube

Ideology and ethics (liberté, égalité, fraternité)

Different rules for different instances (human scale moderation)

Peer-to-peer lowers cost of viral videos

Federated instances cache videos (acts as a pseudo CDN / Seedbox)

P2P especially well suited to live streams

Problems with PeerTube

Derivative

IPv4 and NAT

Limited browser storage

Mobile sucks

No monetization

Discoverability / Lack of content

Technical barrier to entry

Scaling (no load balancing)

Unsavory early adopters

Demo

- EZ mode: Hosting an instance
 - Linux / FreeBSD
 - Linode
 - Cloudron
 - Yunohost
- PeerTube interface (user)
 - Local vs Subscription
 - About page (owner, funding, hardware, stats, followers)
 - Stats for nerds (HLS vs webtorrent)
 - Beat up the server (mass watch to stress peer download)
- PeerTube interface (admin)
 - Transcoding settings
 - Upload video
 - Jobs (transcode in progress)
 - Plugins (SSO auth)
- Federation features
 - Federate instance 2 with instance 1 (check about)
 - Enable redundancy
 - View video from another pt instance
 - Comment on video from another pt instance
 - Comment on video, comment shows up on mastodon
- Visit some notable instances

Closing remarks (the future / Twitter Bluesky / C-10)



Feedback

