

Open Source TOOLS - alternatives to surveillance capitalist software for communicating - thinking critically about the choices we have in the platforms & technologies that we use

COLLECT open source / FLOSS online tools to communicate (NOT ONLY) during the pandemic. C'est un endroit pour collecter des outils en ligne open source / FLOSS pour communiquer (PAS SEULEMENT) pendant la pandémie.

feel free to extend this list and spread!!!

Since the list is now quite long, here are the subheadings that you can scroll down to:

1. Audio-visual conferencing
2. Scheduling group meetings
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1. AUDIO-VISUAL CONFERENCING

- <https://p2p.chat> - free, no limit on participants, in a browser, no login/account, and fully p2p encrypted even in multiple-participants calls
- **Jitsi Meet** (<https://jitsi.org/jitsi-meet>) free, no limit on participants, browser-based (which

means nothing to install for any participants) new version is improved in regards to FF support, e2ee, and number of participants / How to selfhost Ubuntu/Debian -

<https://guides.lw1.at/books/how-to-install-jitsi-meet-on-debian-or-ubuntu/>

- official installation: <https://meet.jit.si/> (also the latest stable version)
- other instances by various organisations: <https://meet.mayfirst.org/> / <https://calls.disroot.org/> / <https://vc.autistici.org/> / <https://framataalk.grifon.fr/> / <https://meet.librement-votre.fr/> / <https://jitsi.milkywan.fr/> / <https://jitsi.linux.it/> / <https://calls.disroot.org/> / <https://jitsi.riot.im/> / <https://jitsi2.linux.it/> / <https://meet.guifi.net/> / <https://meet.greenhost.net/> / <https://fairmeeting.net/> / <https://meet.artifaille.fr/> / <https://www.colibris-outilslibres.org/> (choose "visio") / <https://meet.collective.tools>
- belnet instance: <https://jitsi-1.belnet.be>
- <https://peercalls.com/> (no registration, browser-based, FLOSS)
- <https://openmeetings.apache.org> - Apache Open Meetings - this is software to install on the server; are there any available instances of it?
- <https://unhangout.media.mit.edu/about/> - unhangout
- <https://chatb.org/> simple, FLOSS videochat
- <https://nextcloud.com/talk/> - part of Nextcloud - video conferencing & screensharing (not good performance for groups > 5)
- Big Blue Button <https://bigbluebutton.org/> - a full fledge in-browser solution for self-hosting, but few/no free access instances - "ask your local hacklab" - hosts: <https://collocall.de> <https://fairteaching.net> <https://www.org.meet.coop>
- Mozilla's review of video-conferencing apps: <https://foundation.mozilla.org/OutbackorgOutback/en/privacynotincluded/categories/video-call-apps> (most of them are not libre)

- not libre:

- <https://whereby.com/> - limited to 4 people unless you pay for a pro account (ca. \$10); browser-based; not FLOSS
- <https://www.mumble.com/mumble-download.php> - i think Mumble is audio chat only? yes
- <https://itshello.co/> / <https://talk.vasanthv.com/> (not really FLOSS, but still free to use via author's installation)
- <https://talky.io/> - not sure if this is completely FLOSS or not; i found some info from 2015 that says it is not 100% but nearly: <https://blog.andyet.com/2015/06/09/what-is-being-open-sourced-from-talky/>

2. SCHEDULING GROUP MEETINGS (alternatives to doodle)

<https://dudle.inf.tu-dresden.de/>

<https://framadate.org/>

3. STREAMING

What one-to-many streaming services are available?

- <http://giss.tv/> - helen has tried to use this in the past without success
- <https://icecast.org/> - need to have a server to install it on
 - <https://git.tmp.si/luka/notes/wiki/HOWTO%3A-setup-your-own-Icecast-server> howto setup your own Icecast server, quite quickly
- <https://live.autistici.org>
- <https://openstreamingplatform.com> - Open Streaming Platform (OSP) is an open-source, RTMP streamer software front-end for Arut's Nginx-RTMP Module. OSP was designed as a self-hosted alternative to services such as Twitch.tv, Ustream.tv, Mixer, and Youtube Live.
- <https://obsproject.com>, Open Broadcaster Software, video/audio streaming software; allows you to send a stream to a streaming server, has lots of good features for managing multiple sources, transitions etc
- <https://github.com/mafintosh/hypervision> / <https://github.com/louiscenter/hypercast> - hypervision/ hypercast : server-free decentralised video streaming, based on the p2p DAT protocol. Kinda experimental, but works.
- <https://www.crowdcast.io/> - a pay-to-use platform. no downloads, works in a browser, embeddable streams.
- <https://www.berlinalive.de> and <https://dringeblieben.de> are platforms where you can stream and ppl can donate for your stream. (is this actually a streaming server? it asks for a "link to the livestream" so it looks more like it is a platform to distribute streams coming from elsewhere, rather than an actual streaming server itself; but i have not tried it & there isn't a lot of info on the site)
- <https://voicerepublic.com> audio streaming, podcasts, now they also offer live streaming, dedicated to mostly discourse / /academic content and debate (register but free)

4. VIDEO hosting:

- <https://joinpeertube.org> aspires to be a **decentralized and free/libre alternative** to video

broadcasting services. (FLOSS and free and federated - live streaming is on the roadmap)

5. CHAT

- Delta chat <https://delta.chat/en/>
- MATRIX - An open network for secure, decentralized communication <https://matrix.org> and one of its clients : Riot <https://about.riot.im/>
- XMPP - <https://xmpp.org/> an open protocol with numerous implementations, including :
 - <https://conversejs.org/fullscreen.html> - Conversejs is "A free and open-source XMPP chat client in your browser"<https://pad.riseup.net/p/Autorit%C3%A4reRegressionInZeitenVonCorona-keep>
 - <https://monal.im/>
 - <https://fosstodon.org/@xmpp> for more
- Mattermost <https://mattermost.com/>
- Cabal <https://cabal.chat> - p2p, server-free distributed group-chat
- Signal - <https://signal.org/> (also audio and video calls)
- The Wire - <https://app.wire.com/> - **Wire** is an encrypted communication and collaboration app available for iOS, Android, Windows, macOS, Linux, and web browsers such as Firefox. Wire offers a collaboration suite featuring messenger, voice calls, video calls, conference calls, file-sharing, and external collaboration -all protected by a secure end-to-end-encryption. Free for personal use. Open source. You need to create an account with an email address.
- IRC (veery old already but still useful and alive!)
 - However, not secure or private out of the box. Further configuration is required to ensure communication privacy.

6. ETHERPADS

- <https://etherpad.wikimedia.org>
- <https://cryptpad.fr/>
- <https://pad.systemli.org/>
- <https://pad.riseup.net/>
- <https://framapad.org/fr/>
- <https://pad.publiclab.org>

Markdown Pads:

<https://demo.codimd.org/>

7. FEMINIST INTERNET

- <https://feministinternet.com/>

8. Alternative social networks

- WeDistribute "a publication dedicated to Free Software, decentralized communication technologies, and sustainability" - <https://wedistribute.org/>
- Welcome to the Fediverse - <https://fediverse.party/>

Microblogging

- Mastodon - <https://joinmastodon.org/> // <https://instances.social/>
- Pleroma - <https://pleroma.social/> // <https://fediverse.party/en/pleroma>
- Misskey - <https://join.misskey.page/en/> // <https://fediverse.party/en/misskey>

Macroblogging

- Socialhome - <https://socialhome.network/> // <https://fediverse.party/en/socialhome>
- Hubzilla - <https://zotlabs.org/page/hubzilla/hubzilla-project> // <https://fediverse.party/en/hubzilla>
- Diaspora - <https://diasporafoundation.org/> // <https://fediverse.party/en/diaspora>
- Friendica - <https://friendi.ca> // <https://fediverse.party/en/friendica>
- secure scuttlebutt (SSB) - <https://scuttlebutt.nz>

9. ARTISTIC COLLABORATION

- UpStage - <https://upstage.org.nz> - real-time collaborative manipulation of digital media (images, animations, audio, live streams, text etc) along with a text chat - for creative play, improvisations, performances & presentations; email info [@] upstage.org.nz if you would like a guest log-in. we are holding events during the pandemic.
- PixelJam — a collaborative console for live coding visuals: <https://pixeljam.glitch.me/>
- extramuros - language-neutral shared-buffer networked live coding system <https://github.com/dktr0/extramuros>
- Icestream - audio streaming mixer allows multiple streams for distributed audio performance

(server and client). - <https://sourceforge.net/projects/icestream/>

- hydra - <https://hydra-editor.glitch.me> - "Live coding networked visuals"

10. AUDIO TECH

- routing a DAW into video streaming via @ahihih <https://github.com/ahihi/daw-loopback-guide>
- **Music Hackspace** @MusicHackspace. We have a new forum! Join the discussion
- **Ubuntu Studio** is a free and open source operating system, and an official flavor of Ubuntu. Ubuntu Studio is the most widely used multimedia-orientated operating system in the world. It comes preinstalled with a selection of the most common free multimedia applications available, and is configured for best performance for various purposes: Audio, Graphics, Video, Photography and Publishing. <http://ubuntustudio.org>
- Routing computer audio <https://jackaudio.org>
- Audacity <https://www.audacityteam.org/>
- ADSR Sample Manager <https://www.adsrsounds.com/product/software/adsr-sample-manager/>

11. Game development

- Twine - <http://twinery.org/>
- Ren'Py - <https://www.renpy.org/>
- Bitsy - <http://ledoux.io/bitsy/editor.html>
- Fabularium (app) - <https://fossdroid.com/a/fabularium.html>
--> more links: <http://everest-pipkin.com/teaching/tools.html>
- Flatpack - <https://candle.itch.io/flatpack>

12. Self-hosting (with others)

- Freedombox - <https://freedomboxfoundation.org/>
- Freedombone - <https://freedombone.net/>
- Yunohost - <https://yunohost.org/>
- Practical guides and much more - <https://homebrewserver.club/>

- --> more links: <https://pad.vvvvvvvaria.org/self-hosting-together>
- Feminist servers checklist: <https://pad.riseup.net/p/femservers-checklist-security>

13. MOBILE PHONES

- <https://mastodon.bida.im/@hollow/104070793178741385> - graphic showing alternative (non-google etc) versions for everything on mobile phones; it shows it using the Lineage operating system, however the suggested tools also work on other smartphone operating systems.
- Signal & Telegram for messaging (to avoid Whatsapp) - are either of these open source?
 - Signal and telegram are both open source (GPL), but Signal is secure out of the box whereas Telegram is not. !!!!

14. FOR KIDS

- <https://pad.constantvzw.org/p/Ketjes>

15. PHOTO SAFETY

IMAGE SCRUBBER - quick blur data and unwanted parts of a photograph for safety

<https://everestpipkin.github.io/image-scrubber/>

16. USEFUL LINKS

- <https://switching.software/> "Ethical, easy-to-use and privacy-conscious alternatives to well-known software"
- https://beyond-social.org/wiki/index.php/Social_Practices_COVID-19_Teaching_Resources
- <https://prism-break.org/de/all/>
- <https://www.are.na/melanie-hoff/teaching-online>
- https://wiki.p2pfoundation.net/World_of_Free_and_Open_Source_Art
- <https://coronavirustechhandbook.com/> - Coronavirus Tech Handbook
- <https://syllabus.pirate.care/topic/coronanotes/> - Pirate Care: Flatten the curve, grow the care: What are we learning from Covid-19
- <https://detroitcommunitytech.org/> / <https://detroitcommunitytech.org/?q=teachcommtech> - Detroit Community Technology Project

- <https://alliedmedia.org/consentful-tech-project> - Consentful Tech Project
- <https://ps.zoethical.org/c/engagement/prendre-soin/137> - prendre soin
- https://pad.xpub.nl/p/MEDIA-onlineArt_and_resources - HKU Image and Media Technology; recently opened online cultural resources: museums, libraries, streaming of operas, etc.
- <https://www.systemli.org/en/2020/03/15/solidarity-as-infrastructure.html> - "As a left-wing tech collective, we want to support you in using the right tools while still maintaining a minimum of privacy and security standards. Below are some specific recommendations for tools that we find useful for digital collaborative work processes."
- <https://dat.foundation/explore/projects/> DAT is a protocol for sharing data between computers and is the basis for many interesting peer to peer implementation projects, such as [Wireline](<https://www.wireline.io/>) and [CoBox](<https://cobox.cloud/>)
- <https://www.filmsforaction.org/> - a clearinghouse for the ideas, knowledge, and perspectives essential to creating a more just, sustainable and beautiful world.
- www.defectivebydesign.org - a guide to digital rights management free media - books, video, audio and software
- <https://framalibre.org/> - directory of FLOSS software, in french

Partager c'est aimer

Das COVID19 - Infowiki von mur.at

<https://wiki.mur.at/SharingIsCaring>

17. Document Sharing

- NextCloud - <https://nextcloud.com/>: open source document sharing, alternative for Dropbox, Google Docs, etc. Needs to be hosted on a server. There are some providers, you can sign up for free here: <https://nextcloud.com/signup/> (there are quite a few options, but you will need to check each company individually to know how good they might be) or check with your webhost, e.g. Mur.at provides NextCloud for its members.
- <https://thegood.cloud/> - uses NextCloud, for individuals it's free for 2GB
- <https://cobox.cloud/> CoBox is an offline-first, distributed cooperative cloud - based on DAT
- Gitlab.com → git based version controle file sharing

18. Digital Solidarity Networks

- <https://pad.vvvvvvvaria.org/digital-solidarity-networks>

19. ARTICLES

- PURISM Our Essential List of Free Software for Remote Work March 25, 2020 Software FLOSS applications / Software freedom / Tips and tricks <https://puri.sm/posts/our-essential-list-of-free-software-for-remote-work/>
- What do feminists have to say on #COVID19. A thread on Resources from (mostly) Global South thinkers. <https://threadreaderapp.com/thread/1244225040507379712.html>
- The Politics of COVID-19, Readings #14The most important contributions on the political, economic, and social effects of the unfolding crisis. <https://covid19syllabus.substack.com/p/the-politics-of-covid-19-readings-471>

20. OTHER/UNSORTED

- A FEDERATED SCHOOL COMMUNICATION PLATFORM! NOUVEAU: UNE PLATEFORME DE COMMUNICATION SCOLAIRE FÉDÉRÉE! <https://olki.loria.fr/platform/>
- summing DISTANCE LEARNING <https://www.are.na/melanie-hoff/teaching-online>
- <https://left.gallery/>
- <https://todays.supply/>