



Tox CryptoParty

Install a Tox Client and have some fun with it

Zoff at rC3 2021

27.-30.12.2021

R C 3
2021
NOW
HERE

welcome to rc3
now/here



What is Tox?

Tox began in the wake of Edward Snowden's leaks regarding NSA spying activity.

The idea was to create an instant messaging application that ran without requiring the use of central servers, with no way to disable any of the encryption features.

The application would be easily usable by the layperson with no practical knowledge of cryptography or distributed systems.

During the Summer of 2013 a small group of developers from all around the globe formed and began working on a library implementing the Tox protocol.



Encrypted

Everything you do with Tox is encrypted using open-source libraries. The only people who can see your conversations are the people you're talking with.



Distributed

Tox has no central servers that can be raided, shut down, or forced to turn over data — the network is made up of its users. Say goodbye to server outages!



Free

Tox is free software. That's [free as in freedom](#), as well as in price. This means Tox is yours — to use, modify, and share — because Tox is developed by and for the users.



Basic features of Tox?



Instant messaging

Chat instantly across the globe with Tox's secure messages.



Voice

Keep in touch with friends and family using Tox's completely free and encrypted voice calls.



Video

Catch up face to face, over Tox's secure video calls.



Screen sharing

Share your desktop with your friends with Tox's screen sharing.



File sharing

Trade files, with no artificial limits or caps.



Groups

Chat, call, and share video and files with the whole gang in Tox's group chats.



Toxcore - Platform support

- Windows (32bit, 64bit)

H.264 HW Acceleration*

- Linux (Debian, Ubuntu, Suse, Alpine, ...)

H.264 HW Acceleration*

- BSD (open BSD, free BSD)

- OSX

- IOS (IPhone)

- ARM (Android, Raspberry PI)

H.264 HW Acceleration*

- Solaris (open Solaris)

* toxcore experiment fork

<https://github.com/Zoxcore/c-toxcore>

* as of October 2018



Blinkenwall



Blinkenwall

MOT^VAT^ON





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ToxBlinkenwall

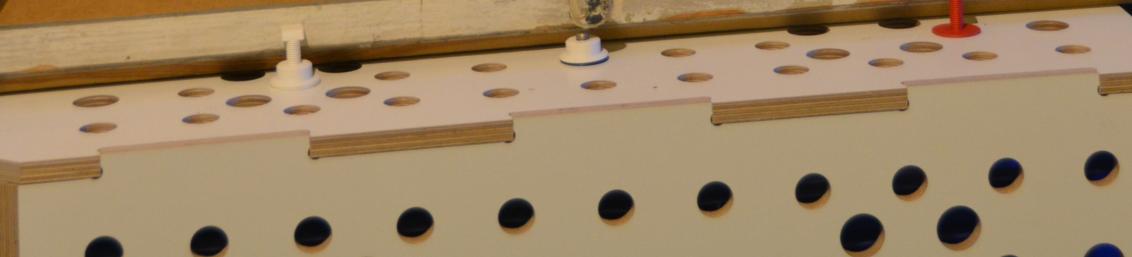


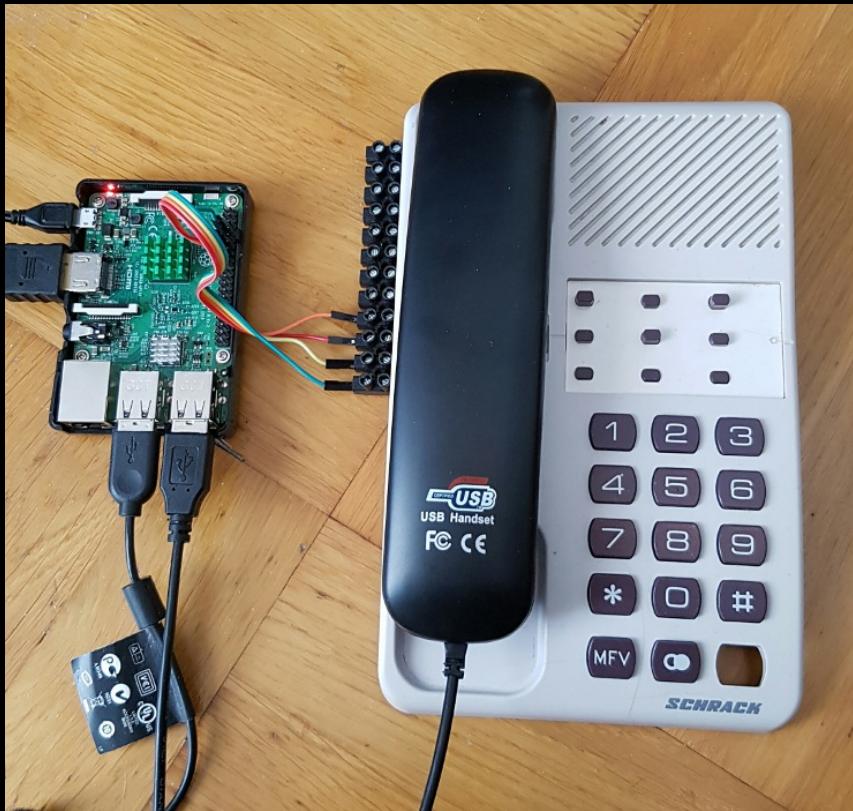
eWindow



Num Lock / *
7 8 9 PgUp
Home ↑ 6 BS
4 5 ↓ 3 Enter
← 1 End → 0 000 Del
1 2 Ins PgDn
3 4 5 6 7 8 9 0 000 Del

Press ball
and drink
(or whatever)
1 → & drink
2 → & drink
3 → & drink
4 → & drink
5 → & drink
6 → & drink
7 → & drink
8 → & drink
9 → & drink
0 → & drink







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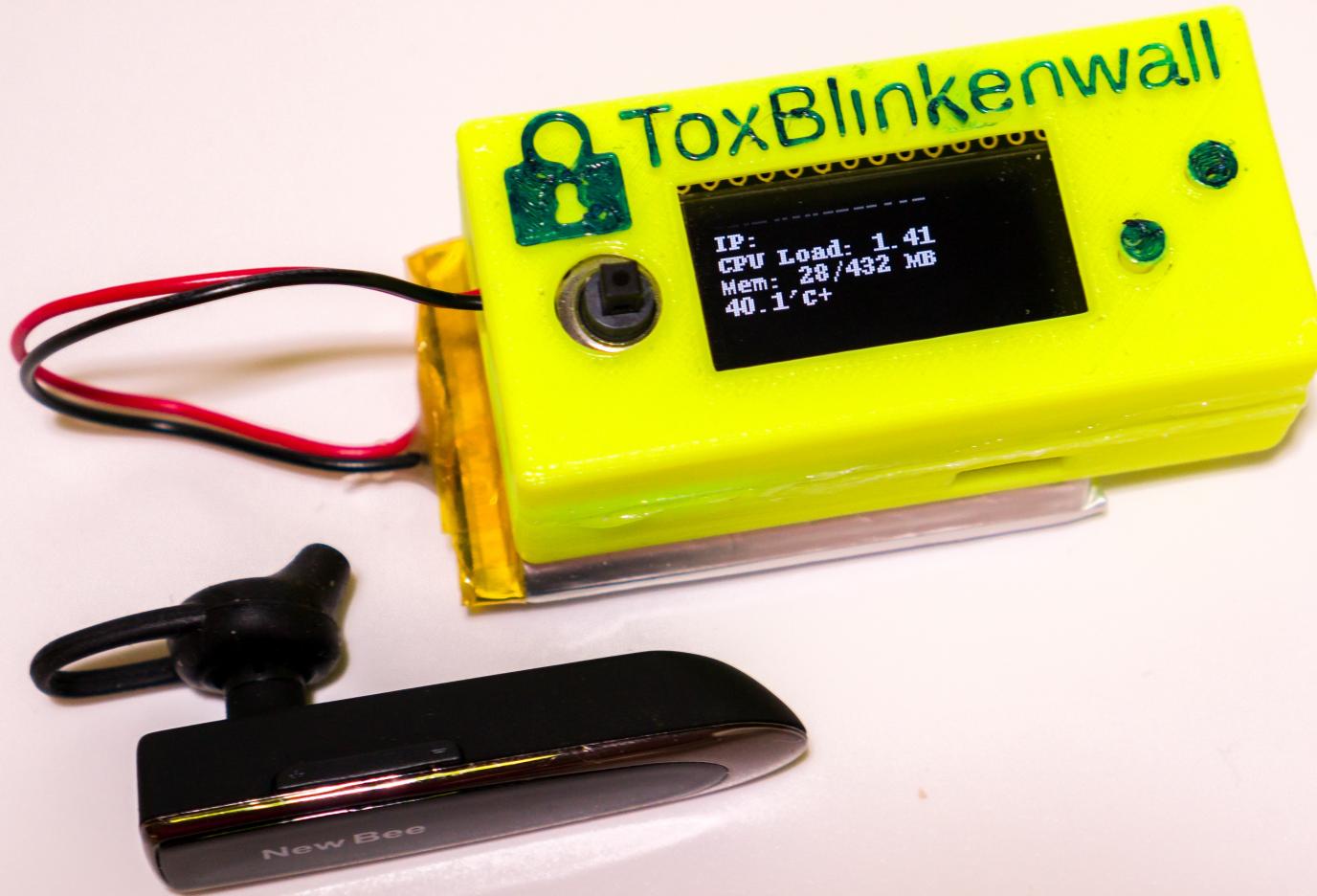




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TRIfA - Android



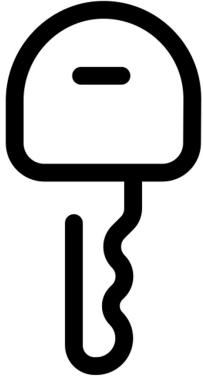
<https://f-droid.org/en/packages/com.zoffcc.applications.trifa/>



<https://play.google.com/store/apps/details?id=com.zoffcc.applications.trifa>



Antidote - iOS



<https://apps.apple.com/app/antidote-tox-client/id1592895292>



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qTox - Linux (Windows, MacOS)

GitHub

<https://github.com/qTox/qTox/releases>



debian

`sudo apt install qtox`

for other systems, check the packagemanager

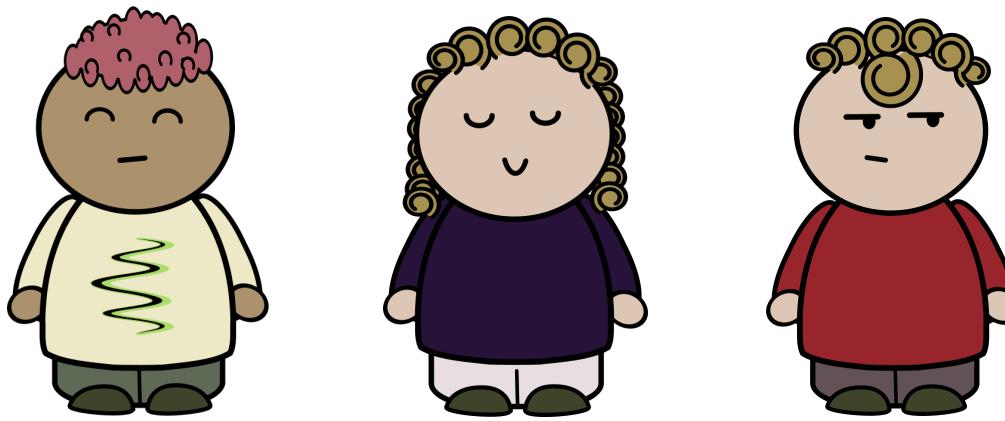


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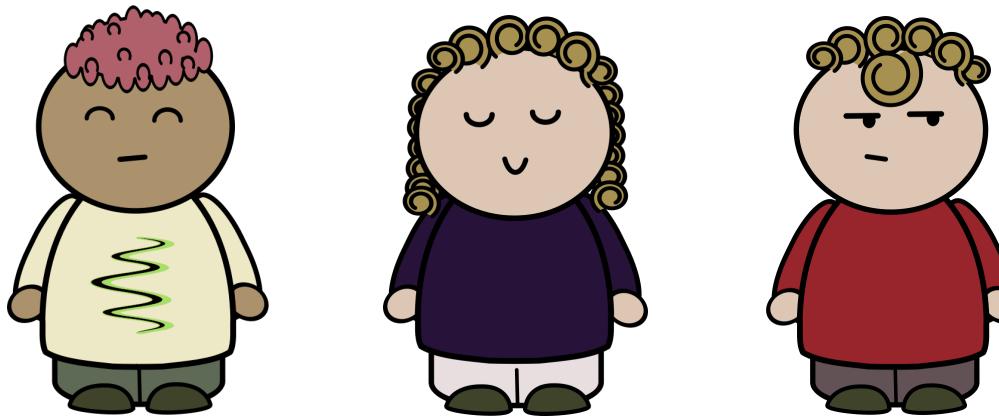


Your devices ...



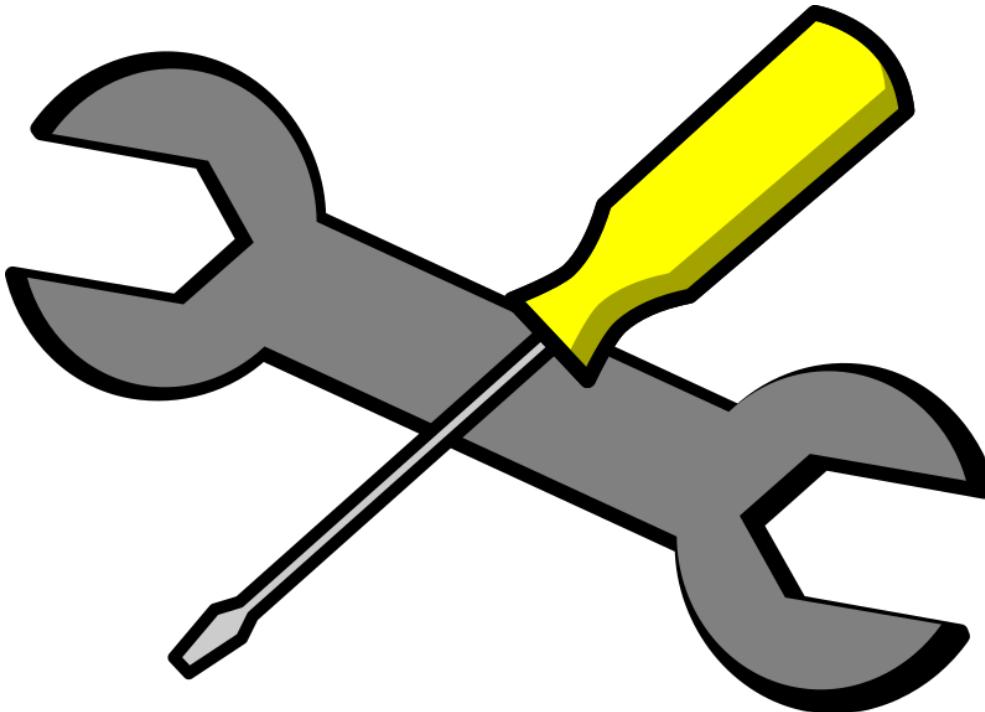
What devices do you want to install Tox on?

Your use cases?



What is your use case for Tox?

interactive part ...



We need your help

We are looking for help with these:

- general cleanup of c-toxcore
- IOS Developer
- multi-device
- metadata privacy
- traffic taming
- UPnP support
- DoS resistance
- Support post-quantum cryptography
- offline messaging

talk to us on Tox:

A571A6C77225C4081BA4D7AC268B9659B78704037959817E6ED56C4E6BD84B7E3E3EDB624583

or Email:

dev@robinlinden.eu

or

zoff@zoff.cc



Want to get involved?

for more information about Tox please visit these links:

<https://tox.chat/faq.html>



<https://toktok.ltd/integrations.html>



getting in touch ...

- Github
<https://github.com/TokTok/c-toxcore>
- Tox
[A571A6C77225C4081BA4D7AC268B9659B78704037959817E6ED56C4E6BD84B7E3E3EDB624583](#)
- IRC
[#toktok on libera.chat](#)
- Matrix
<https://matrix.to/#/#toktok:libera.chat>
- Email
dev@robinlinden.eu or zoff@zoff.cc

