Belfast CryptoParty
Tor

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What is a CryptoParty?

A CryptoParty is free, public and fun. It's a decentralized, global initiative to introduce the most basic cryptography software and the fundamental concepts of their operation to the general public.

`https://cryptoparty.in`

What is TOR?

Tor is free software and an open network that helps you defend against traffic analysis, a form of network surveillance that threatens personal freedom and privacy, confidential business activities and relationships, and state security.

https://www.torproject.org/

What is Anonymity?

- Anonymity isn't cryptography
    - Cryptography protects the contents in transit
    - You still know who is talking to whom, how often and how much data is sent.
- Anonymity is hiding in a crowd.
- Users look similar and distinction isn't easily made.

Who uses TOR?

- Normal People
  - Linking sensitive information to their current identities
  - Online advertising networks
  - Search engines
  - Censorship circumvention
- Law Enforcement
  - Accidental disclosure to targets
  - Family and friend concerns
  - Work/Home life balance

Who uses TOR?

- Abuse Victims
  - Complete separation of past abuse and current life
  - Finding help and safety
  - Helping others anonymously
- Human Rights Activists
  - Personal safety
  - Family safety
  - Narrowly-defined publicity
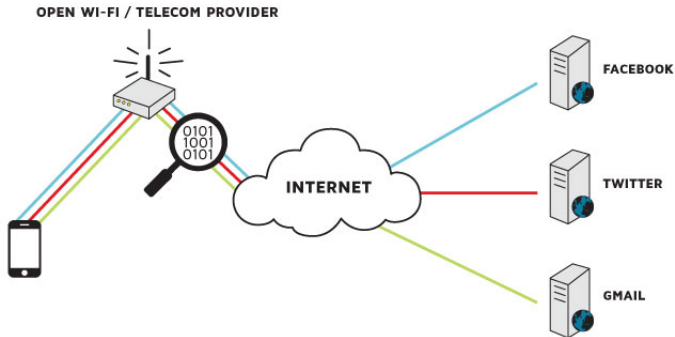 - Censorship circumvention
- **MANY MORE!!**

What about Criminals?

Criminals can already do bad things. Since they're willing to break laws, they already have lots of options available that provide better privacy than Tor provides.

https://www.torproject.org/docs/faq-abuse.html.en#
WhatAboutCriminals

Terrorist with
Tor client installed

How does it work?

How does it work?
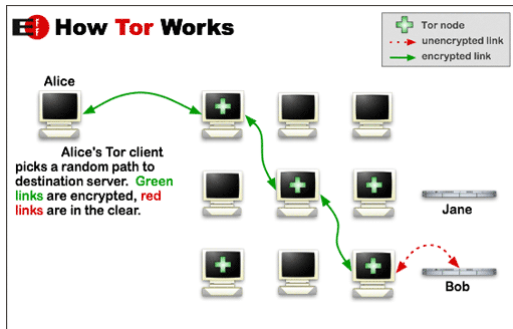
Install and Go!

1. Download the TOR Browser bundle:
   - https://www.torproject.org/download
2. Check you're running Tor:
   - https://check.torproject.org
3. Enjoy Freedom.

Links

- https://www.cryptoparty.in
- https://www.torproject.org
- https://www.eff.org/
- https://www.openrightsgroup.org/