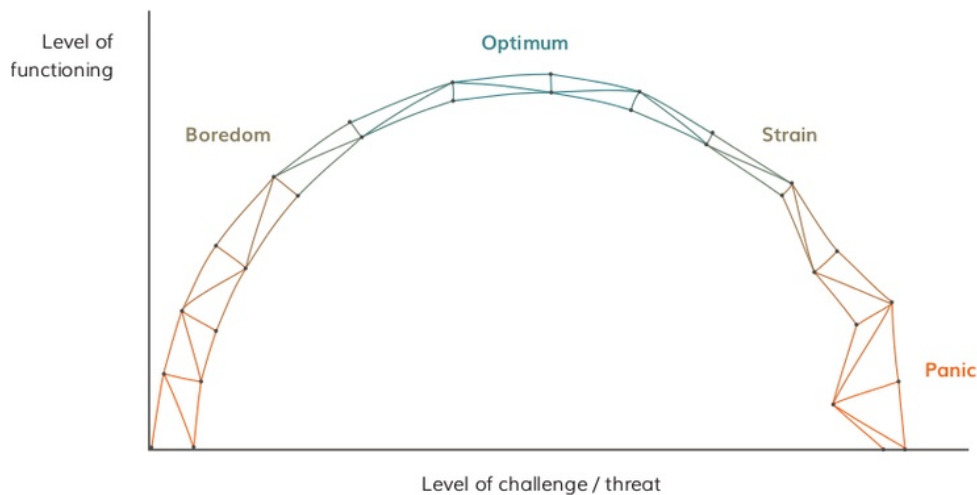# Cypurr Session 10/20: Library Privacy Week Extravaganza!

The Cypurr Collective is celebrating Library Privacy Week the only way they know how: a day of cybersecurity workshops!

Stress Curve

Level of functioning

Optimum

Boredom

Strain

Panic

Level of challenge / threat

Threat Modeling

There are so many things to worry about at any given time, how do we prioritize threats so we can be less overwhelmed when facing them?

The 5 basic Threat Modeling Questions:

1. What do I have that's worth protecting? (**Assets**)
2. Who do I want to protect it from? (**Actors**)
3. How likely is it that I will need to protect it? (**Likelihood**)
4. How bad are the consequences if I fail? (**Impact**)
5. How much trouble am I willing to go through? (**Effort**)

The answers to these questions are super subjective and up to you and your situation! They will help you prioritize what to face first, and will get you thinking about how you can do so.

For more info:
EFF SSD: https://ssd.eff.org/en/module/assessing-your-risks
Holistic Security: https://holistic-security.tacticaltech.org/

The Small Print: ToS

Have you ever pressed the "I agree to the Terms of Service" button on a site and not fully understood what you're signing up for?
Is the "legal-ese" of these documents confusing to you?

These stated privacy rules and terms of usage on many popular sites is frequently written in a way that users find difficult to understand, and as a result are often skipped over when registering for sites. This workshop aims to demonstrate freely available tools that can help people more readily understand the terms of service when registering their accounts and offer insights into the reputation of the site they are registering on. Through a web service and free browser plugin, users can have a better understanding of what the terms they agreed to constitute and have greater knowledge to determine if these services are worth the terms presented.
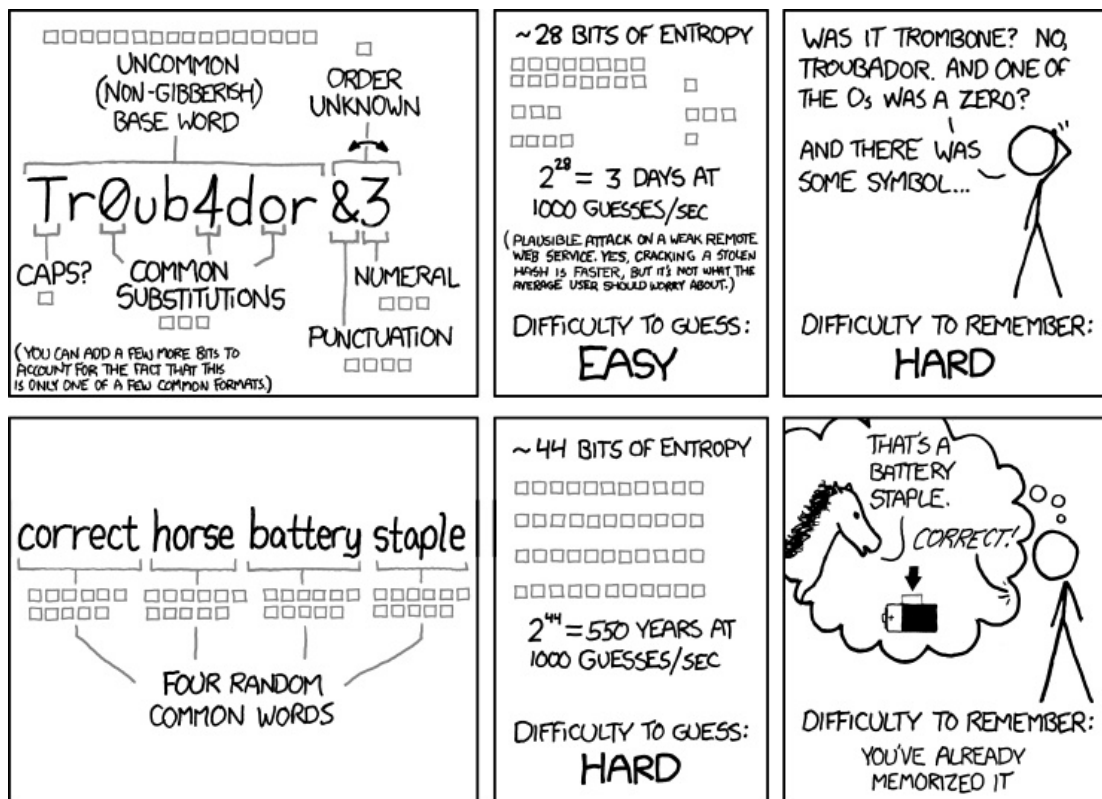
https://myshadow.org/lost-in-small-print
https://tosdr.org
https://duckduckgo.com/app

Passwords

Use Diceware to generate strong passwords (+4 random words)
Use a password manger (KeePass, LastPadd)
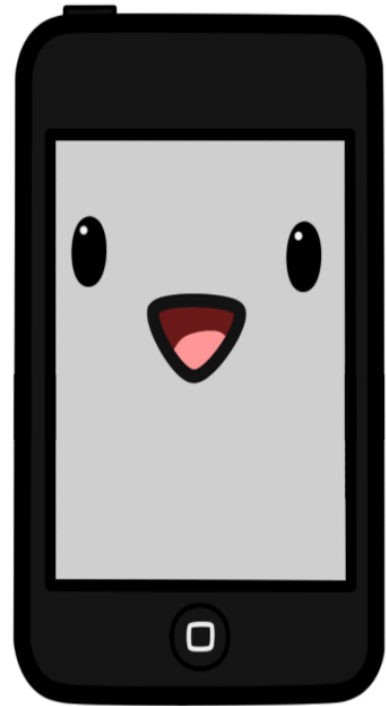Use 2-factor authentication or Yubikey (Authy, Google Authenticator)


Credit: https://xkcd.com/936/

Tips to Secure your Mobile Phone

- Lock your phone using a strong passcode
- Keep your software up-to-date
    - Updates contain security patches
- Back up your phone regularly
- Encrypt the data on your phone
- Encrypt your texts and calls: Signal
- Browse securely:
    - Brave browser
    - VPN
    - Tor (be careful, it is easy to de-anonymize yourself)
- Public wifi is not secure
    - Disable automatic connections to open WiFi
    - If you are using public WiFi, use
        - a VPN
        - Tor
- Disable WiFi when you aren't using it
- Vet apps before installing them
    - Avoid third party apps
    - Review and change your app permissions and privacy settin
        - Software updates may change app permissions and settings
            - Disable geotagging
            - Lock screen permissions
    - Delete apps you don't use
- Don't keep sensitive data on your smartphone

Phishing

- Use 2-factor authentication or (even better) a Yubikey
- Beware of tricky behavior. eg Google asking you to log in again despite already being in gmail?
- Beware of emails-- Think twice about opening any links or attatchments. Even if it looks like your bank or even your friend, check through another channel first.
- Check the green lock; Any HTTPS site will have a green lock next to the URL. Check for the lock AND click it and see who registered the certificate.
- For sensitive sites, always type the URL. yourself
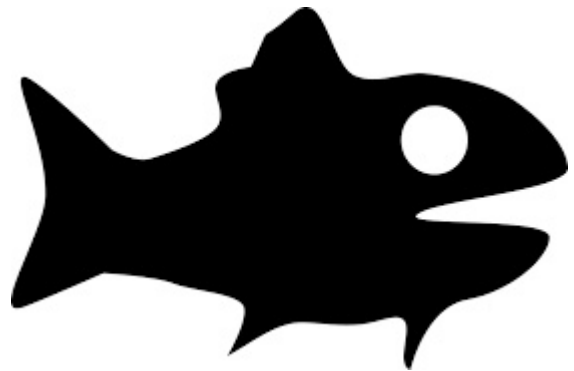
Resources

Security in a Box: step-by-step security guides for every operating system
https://securityinabox.org

Surveillance Self-Defense: information on different surveillance threats and the tools to defend against them
https://ssd.eff.org

PrismBreak: secure and free/open software alternatives
https://prism-break.org

Cryptoparty: Meetups news and similar events
https://cryptoparty.in

Privacy Week: NYC Digital Safety: Privacy & Security is an investment by the City to ensure that staff at every library branch throughout the City receive specialized training in digital privacy.
https://libraryprivacyweek.nyc.

About Cypurr: The CyPurr Collective is a group of tech-minded folks who are jazzed about cybersecurity, cats, and helping others out with their digital dilemmas. We offer workshops for activists, journalists, educators, and anyone who wants to learn more about bein' safe on the Net.

e: cypurr@protonmail.com | www.cypurr.nyc | t: @cypurr.nyc | fb: www.facebook.com/cypurr/