TEU00311

What is the Internet doing to me? (witidtm)

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https://github.com/sftcd/witidtm
https://down.dsg.cs.tcd.ie/witidtm

Blackboard Assignment - AS2

- Research and report on the ways in which a real device you use exposes you to potential app or device-based tracking, as you normally use the chosen device/apps
  - It's ok to focus on one or a few apps or device features (that you regularly use)
- Submission: ~4-5 pages, more if needed but try keep it short
  - Use URLs/references/appendices for tech detail or screen shots (those don't count in the 4-5 pages)
  - No huge fonts, or double-spacing trickery:-)
  - And see earlier annoucement wrt chatgpt and the like.
- Deadline: Nov 17th 2024 (not a hard deadline)
- Submit a **PDF file via blackboard**, not a word document!

Blackboard Assignment - AS2

- It's ok to work by yourself or in groups of ~2 if you prefer
  - If you do work as a group, you **MUST** say with whom you've worked and what text is common
  - The conclusions **MUST** be your own
  - Submissions will be checked for plagiarism
- You can re-submit as many times as you like, I'll only look at the last submission, probably well after the notional deadline
- Marks: 25%, higher marks for the unexpected and more thorough research
  - Assignment-specific marks won't be published
- Feel free to ask questions.... via email or at the end of lectures is ok too

Example Outline

- If you were to use location-in-EXIF for the assignment (which you can't:-) then your submission might look like:
  - Intro: summarise all below like a paper abstract
  - Text describing the general vulnerability: device tracking as a risk to device-owner
  - Text describing EXIF, GPS, how **your** camera/OS uses that (or used to, if that's the case)
  - Text describing the potential for tracking: uploaded images giving a location history
  - Text saying what you will/won't do about it?
    - Default to location-services off, scrub images before upload (say how), check earlier uploaded images (and do what with 'em?), get a new device/camera
    - Or, if your response is "do-nothing," then justify that, e.g. I don't upload images but get lost a lot so need location-services:-) Or maybe argue that image locations aren't a big deal except in unrealistic movie-plot scenarios
  - References – if reference is to peer-reviewed paper, good; if reference is URL then include "accessed-at date"
    - I don't care what style of referencing you use – it's fine to do whatever you'd do for your "main" modules
  - Appendices: screen shots of device/camera-app privacy settings, table showing how many pics you took over a few days and when, ...

A bit moar guidance

- Say how the tracking could work, describe your exposure, say what you think about that and what you will or will not do about it - justify that last part, esp. If you conclude you'll do nothing

- Try make it something you'd not be embarrassed to show your buddies in a year's time

- It's ok if the tracking you describe is low-risk, i.e., you do not have to find some mega-concerning new risk to write about

- It's ok if you reference something where you don't fully grok all the details but if so, say so, and we can chat about that in class if you want

- Possible starting point: Google scholar (want a bit of a demo?)
    - https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=device+tracking+image+exif+location+data&btnG