GEOINT

Tracking down locations in digital investigations

@AtomicNicos

Open Source INTelligence / Recon

Relies on publicly available data:

Social media accounts

Phonebooks

Documents

…

Usually less reliant on:

Interaction (HUMINT)

Communications technologies (SIGINT)

Equipment Analysis (TECHINT)

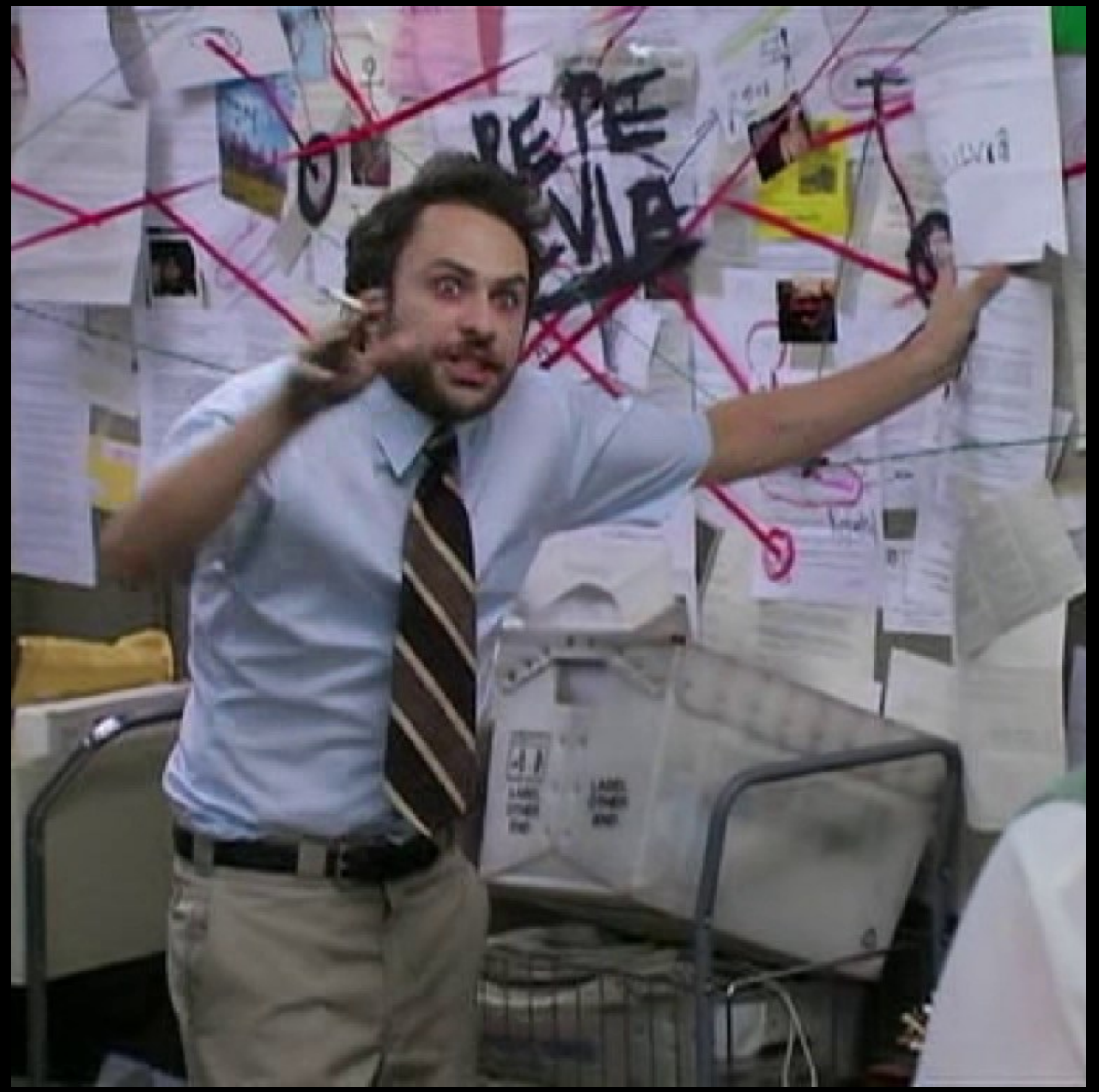
…

OSINT Steps

DEFINE REQUIREMENTS → RETRIEVE DATA → ANALYZE → PIVOT → REPORT

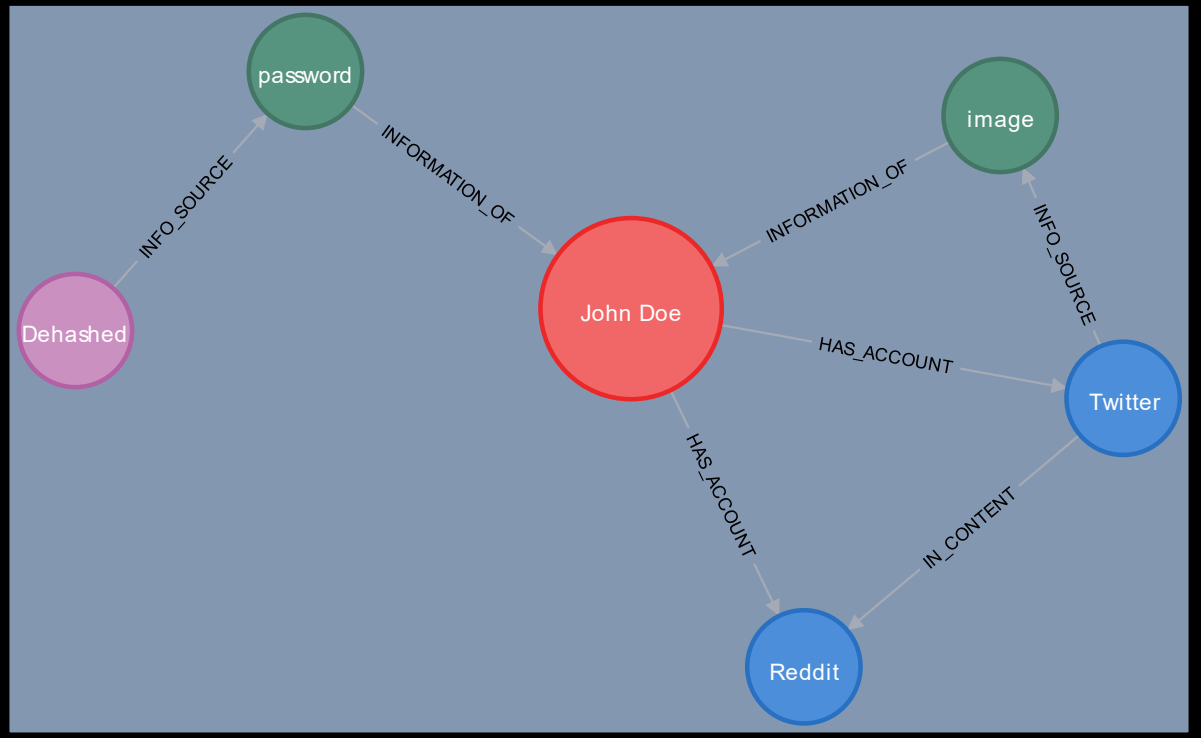
Pivoting

Looking less like this



Pivoting ?

- Get datapoints from a previously collected datapoint
- Use it to grow the dataset



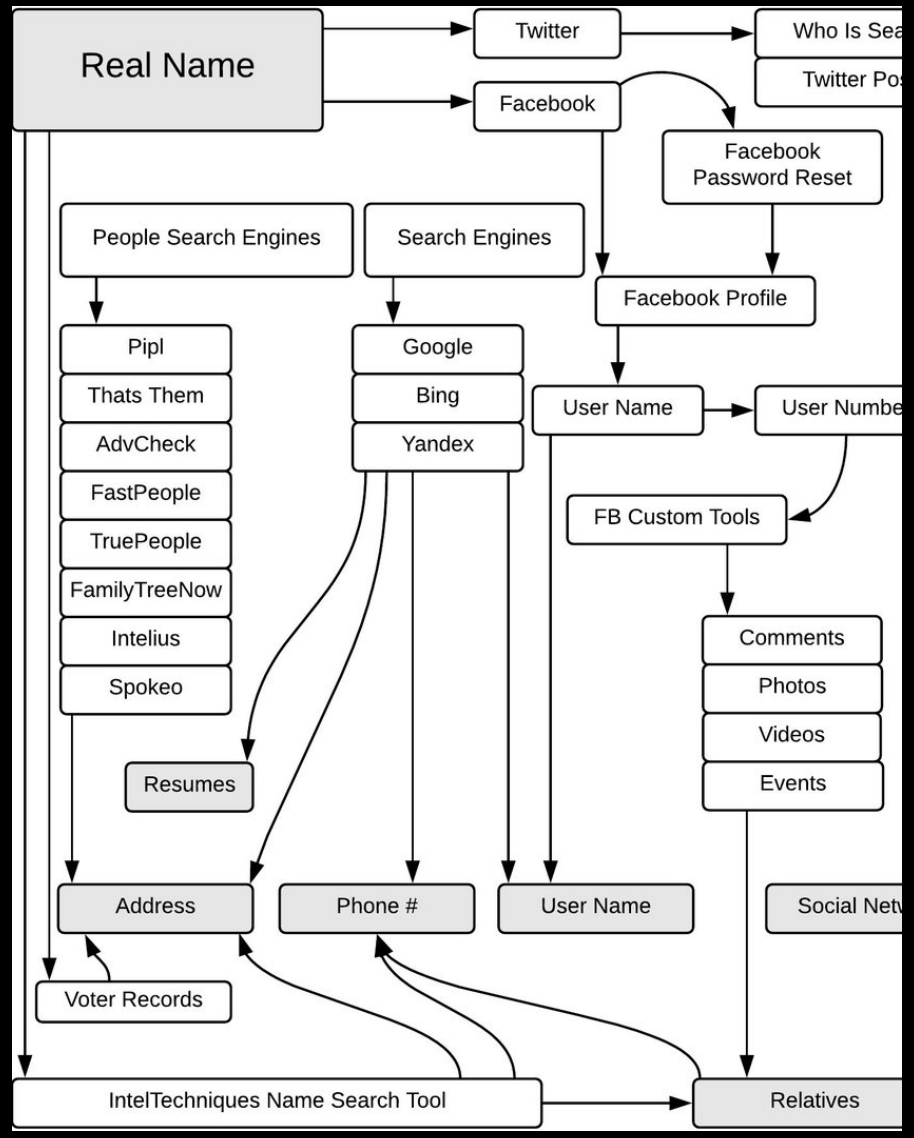
First pivots

- Find social media ! (Google dorking, …)
  - Result: Relations profile (family, friends, …)
- Find pictures
  - Physical profile (body modifications, tattoos, haircut, …)
  - **Locations**

Advanced pivots

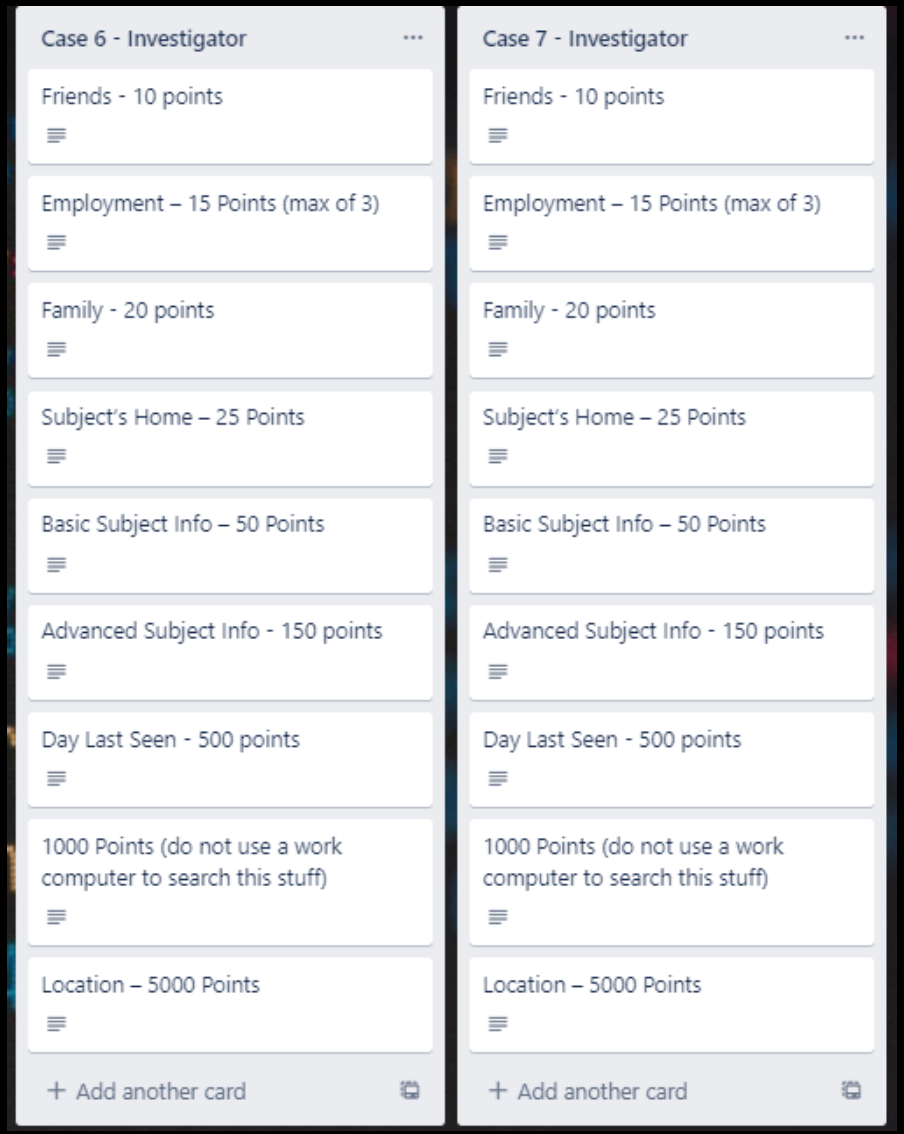
- Name changes (→ Aliases, Records, …)
- Yellow / White pages (→ **Addresses**, Assets, …)
- Dehashed, RaidForums (→ Credential Leakage, …)
- Criminal Records (→ Affiliations, …)

Credit: Petro Cherkasets



Tracking steps

- Finding data once is cool, having to find it again is a waste of time.
- Store information type, a short description, URL's, snapshots.
- ⚠ Also note how you got there !



How can I infer?

How can I infer?

Demonstration

https://twitter.com/juan_spinel/status/1396151405677879296

Availability

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