Agenda

- Scope of Stream
- Installation
- Data Structures
- Demos (& Questions!)

Scope of Stream

- In:
  - How do I install Triple Agent?
  - What data/functionality does Triple Agent provide?
  - How do I run the built-in reports?
  - How do I create custom queries?

- Out:
  - Parsing timelines from games
    (code is not portable yet ☹, soon™)

Installation

!install in chat for link to directions

- ## Python 3.7:
  - https://www.python.org/downloads/

- ## Triple Agent Git Repo
  - Clone/Download to computer, Github Desktop is good option.
  - https://github.com/andrewzwicky/TripleAgent
  - https://desktop.github.com/

- ## Python Libraries:
  - Navigate to cloned repo folder.
  - Run in PowerShell `pip install .[plot]`

Game Structure

- **File Metadata:** file, start_time, uuid
- **Players:** spy, spy_username, sniper, sniper_username
- **Event Data:** event, division, week
- **Mission Data:**
  - picked_missions, selected_missions, completed_missions
- **Game Mode:**
  - venue, game_type, guest_count, start_clock_seconds

Timeline Structure

- The timeline is a list of events, with the following items:

> Spy   01:20.0   Action test green: Inspect Statues

- **Always Data:** actor, time, event, (elapsed_time, category)
- **Sometimes Data:** action_test, books, cast_name, mission, role

  - elapsed_time is calculated
  - category is a "fuzzy" classification (use at own risk)