# HADES meeting

17 June 2021

Present: Martijn Schuemie, Marc Suchard, Alexey Manoylenko, Jenna Reps Elena Garcia Lara, James Gilbert, Patrick Ryan, Chris Knoll, Clark Evans, Lee Evans, Francesco Giorgianni

# Capr

The Capr package will be added to HADES. Martijn has identified some required changes to adhere to HADES guidelines. Martin will implement these.

## Unit-test-a-thon

Chris describes how you sometimes need very task-specific fake data. Martijn: could use RSQLite for that, so

* OHDSI testing servers to test functionality across platforms
* Eumaeus for quick testing
* RSQLite for very task-specific data sets.

Remember that DatabaseConnector has nice wrappers for RSQLite to handle dates and datetimes.

Clark: Could use GitHub submodules for more convenient integration testing.

How to improve participation in the unit-test-a-thon? Share meals (virtually)? A competition? Lee: create an OHDSI cryptocurrency?

The unit-test-a-thon will take place **July 14-16**. Introduction explaining how to write unit tests on day 1. Two short sessions per day. Wrap-up on last day.

(ACTION) Martijn will organize the unit-test-a-thon

## Integration testing

One topic that came up in the recent ATLAS-HADES-Arachne meeting was integration testing. Martijn is working on two GitHub Action scripts:

* Reverse dependency check: for a HADES package (e.g. develop version), run check on all HADES packages that depend on that package. Triggers:
  + Manual
  + Automatic as part of release flow (i.e. when merging to master)
* Full integration check: run check on all current HADES packages (released versions). Trigger:
  + Manual

(ACTION) Martijn will work with Jenna to finalize these

(ACTION) James has volunteered to centralize our GitHub Actions.