Welcome to the Eco-System
"I often compare open source to science. Science took this whole notion of developing ideas in the open and improving on other peoples’ ideas. It made science what it is today and made the incredible advances that we have had possible."

-Linus Torvalds
Creator of Linux & Git
OHDSI Open Source Ecosystem

• Software that supports the OMOP CDM
• In the Github OHDSI Organization
• Over the past 10 years
  – 284 Repositories
  – 611 Developers
  – 1,084 Issue Submitters
  – 10,812 Issues Submitted
  – 50,575 commits
  – 618,428 Files
  – 80,361,640 lines of code added
  – 45,717,357 lines of code refactored

Data analysis of Github contributions for the OHDSI Organization: Source bitergia
OHDSI developer community continues to grow

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(Last year 4/25/2023-4/25/2024)
Open Source activity in OHDSI Teams

**Martijn Schuemie**
- HADES

**Anthony Sena**
- Atlas/WebAPI

**Chris Knoll**

**Frank DeFalco**
- Technical Advisory Board

**Adam Black**
- Open Source Working Group
  - Kheiron Program

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**TAB Charter**

The OHDSI Technical Advisory Board Charter (TAB) is a document that serves as the guiding principles of the TAB. It outlines the TAB’s mission, responsibilities, deliverables, and more, providing guidance for the board’s operations and a clear framework for its decision-making processes.

**Contents**

- Mission
- Responsibilities
- Deliverables
- Stakeholders
- Member Qualifications
- Meeting Frequency
- Member Selection Process
- Code of Conduct
- Establishing Task Forces
- Member Mentorship
- Budget and Resources
- Transparency
- Decision Making & Conflict Resolution
Today’s Agenda

**Morning Agenda**

9:00 am – Introduction (Adam Black, Paul Nagy)

9:15 am – Developers Panel and Lightning Talks (Katy Sadowski)
- *OHDSI/OMOP – The hard way is the easy way!* (Vishnu V Chandrabalan)
- *Moving OMOP to the Cloud With DBT and Snowflake* (Roger Carlson)
- *Use cases for ORMs in OMOP* (Georgina Kennnedy)
- *Carrot: code-free OMOP ETL without full data access* (Sam Cox)
- *Rabbit-in-a-blender - an ETL pipeline to transform your EMR data into OMOP* (Pieter-jan Lammertyn)

10:45 am – Darwin EU® Developers Update (Adam Black)

12:00 pm – Break

**Afternoon Agenda**

12:30 pm – OHDSI Ecosystem Updates
- TAB Update (Frank DeFalco)
- Strategus Update (Anthony Sena)
- Broadsea Update (Lee Evans)
- Kheiron Updates (Paul Nagy)

1:15 pm – JACKALOPE PLUS The Power of ML for Healthcare Data Mapping & Management (Denys Kaduk)

2:00 pm - An Introduction to Knowledge Graphs using PheKnowLator and OMOP2OBIO with Example Applications in Drug Surveillance and Computational Phenotyping (Tiffany Callahan)