The Academic Incentive Ontology

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Rensselaer IDEA and Tetherless World Constellation
Science Capability-based,
Intention-centric,
Experiment-oriented,
Networked Collaborative Expression
The Academic Incentive Ontology (AIO)

Captures the semantics of peer-to-peer data sharing
The AIO, So Far

Spring 2021

- Literature Review of Existing P2P Incentive Schemes
- Incentive Modeling
- Incentive Model Proof of Concept
Ontology Composition

Collaboration Event

- Research Artifact
- Researcher: Data Sharer
- Researcher: Data Seeker

sio:is property of
Ontology Evaluation

Competency Questions
Concluding Remarks and Documentation

- The AIO is maintained on Github
  
  https://github.com/sharing-science/academic-incentive-ontology/blob/main/AIO.owl

- The AIO contracts can be found https://github.com/sharing-science/aio-contracts

- Documentation can be found at our https://sharing-science.github.io/academic-incentive-ontology/

- We look forward to our submission to ISWC 2022 as part of the Resources track

- Thank you!