

BIDS Prov BrainHack

a provenance framework for BIDS

Camille Maumet Satrajit Ghosh, Ryan Cali, Dorota Jarecka, Chris Markiewicz, Omar El Rifai, Ghislain Vaillant

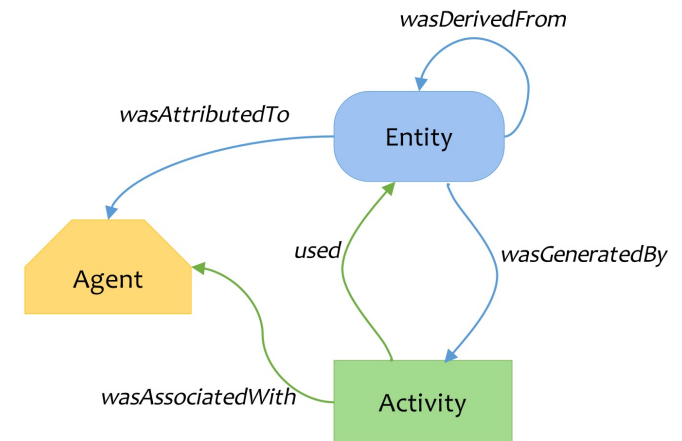


Why Provenance

- Tracking information about neuroimaging data
- Chronologically interrelate entities using unique identifier
- Help reproduce the outcome of an experiment

Current Status

- Draft of Specification as a BIDS extension proposal ([BEP028](#))
- Based on w3c prov ontology (classes, properties, and restrictions) to represent and interchange provenance information



The three Starting Point classes of the prov ontology and the properties that relate them



- ✓ Provide complete examples for some BIDS Derivatives
- ✓ Propose updates to the specs as needed
- ✓ Get community feedback on the overall proposal in order to submit a final version