NIDM-Experiment: An Ontology for Annotating Neuroscientific Data

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Data Management in the Real World

• What we’re trying to avoid:
• NIDM-E collects terms that describe neuroscience experiments. Built by annotating real datasets.

• Goal is to provide defined terms with a robust graph for annotation tools such as PyNIDM and to allow for community-based expansion.

• Extensive term reuse, new terms describe “modern” experiments (multi-site, multi-modality, recent imaging techniques).

• Imports also exist for all BIDS terms and for all DICOM tags.
NIDM-E

- Recent Revamp and Restart: legacy code recoded – disengage with other NIDM variants that were completed or moved

- Content available through GitHub. New term suggestions and edits available to the community through Issues / PRs (issue templates)

- Schema Browser and Term Resolution pages available for term discovery and use by semantic web tools.

- (Next up: rebuild using ODK and COB)