



“OOR for Big Data” Brainstorm Session

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http://ontolog.cim3.net/cgi-bin/wiki.pl?OOR/ConferenceCall_2012_08_14

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Background

- Big Data is an important emerging topic
 - [Ontology Summit 2012](#) theme
- OOR can make an important contribution
- This session continues the discussion from our [May 17 virtual panel](#)

Potential Discussion Topics

- Supporting technologies
- OOR in a larger Big Data ecosystem
- First steps
 - Programmatics
 - Technical

Supporting Technologies

- Relational Databases
 - W3C RDB2RDF Working Group
 - R2RML: RDB to RDF Mapping Language
 - A Direct Mapping of Relational Data to RDF
- Multi-Dimensional Statistics
 - RDF Data Cube Vocabulary
 - Augmented to support “stand off” annotation

Big Data Ecosystem

- Ontology/model repositories
- Mappings
- Common identifiers
- Instance registries
- Data repositories
- Service registries
- Analytics
- Visualization