
OOR at Northeastern

Joint Ontolog-OOR Panel Discussion

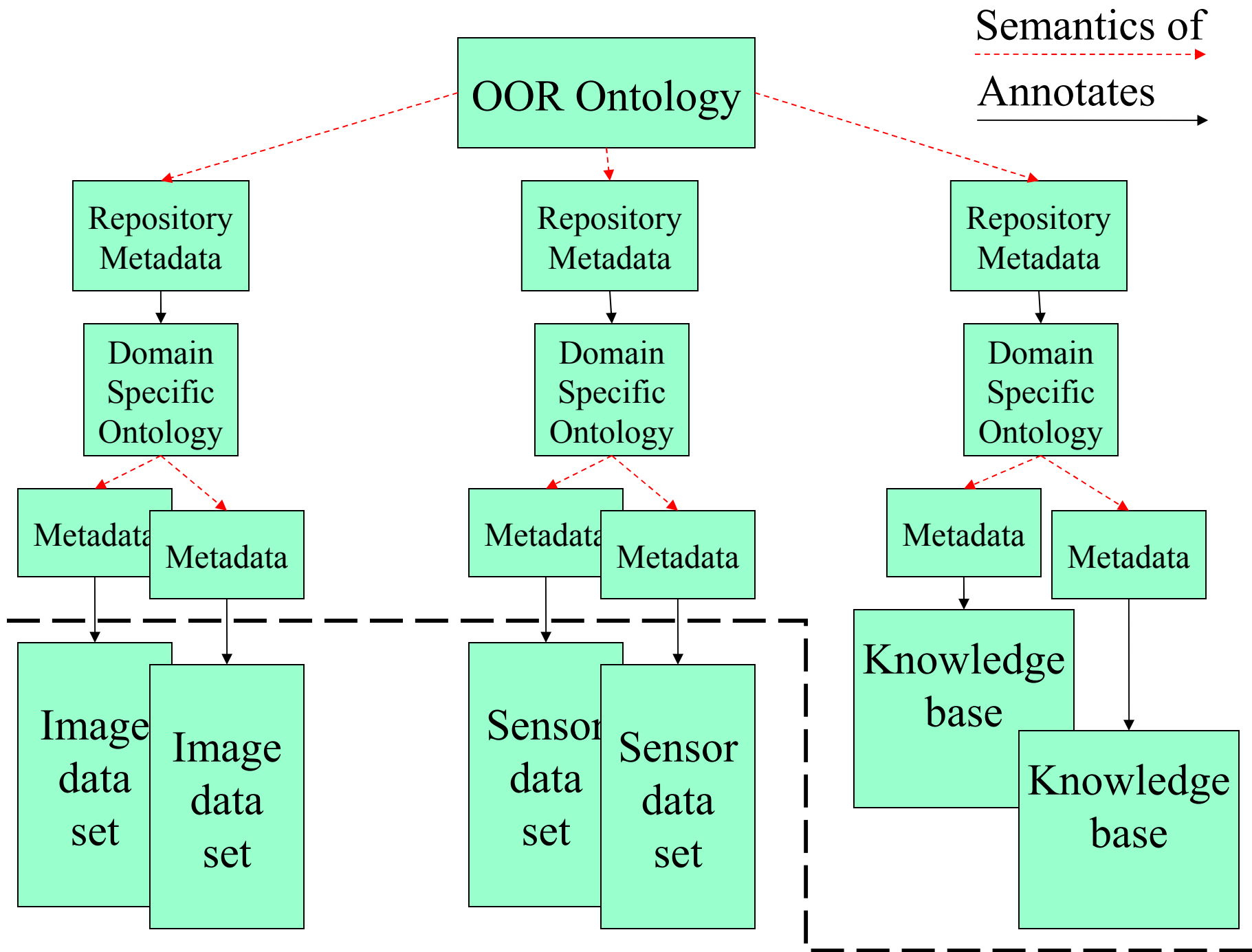
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Northeastern OOR Activities

- Web service interfaces
- Integration with semantic wikis
- Education
- Testing
- Funding initiatives

Web Service Interfaces

- REST
 - Currently supported
 - Limited functionality
- SOAP
 - Not yet supported
 - Developing an ontology based approach
 - Multilevel metadata/ontology structure (next slide)
- Ontology based approach to web services
 - APIs as ontologies
 - OOR as a web services registry



Integration with semantic wikis

- Simple text-based API for web service access from within a semantic wiki
 - Integrated OOR access for non-programmers
 - Potential for other web services
- Semantic wiki support for the OOR API
 - Semantic wiki as an OOR web service

Education

- Fall course on web services and components
 - OOR will be featured in several assignments
 - Good test of the OOR
 - Registration of a large collection of ontologies
 - Use of the OOR by many students
 - Both GUI and web service access
 - OOR components
- Research projects
 - Current students
 - Students in the web services course often follow up with a research project course.

Testing

- Current sandbox issues
 - Multiple uploads from the same site
 - Upload never finishes parsing
 - Large ontologies fail
- Fall term
 - Expect a lot of activity
 - Popular course: 40 students
 - Students can help resolve problems

Funding Initiatives

- NSF
 - The DataNet Proposal
 - Reviewers agreed that it was important
 - Did not match the specific requirements of the program
 - STCI
 - Intended for infrastructure projects
 - Targeted at projects that do not fit in other programs
 - Program managers have been encouraging
- Other Agencies
 - Still at early stages