

OOR at Northeastern

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OOR Development
Meeting
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OOR Activities

- OOR sandbox
- Use cases and other artifacts
- Gatekeeping and provenance
- Experiences
- Prototype development
- Projects that will use OOR

OOOR Sandbox

- Installation of OOOR sandbox
- System administration of the sandbox
 - Tejas Parikh
 - Sumit Purohit
- Updates to the sandbox
 - Move to new software versions
 - Move to new machine
- Local OOOR instances

Software Engineering Artifacts

- Students have produced over 400 use case scenarios
 - Categorization in progress.
 - Specific scenarios will be published with permission
- They also produced over 100 use cases
 - These will be examined next
- Other software engineering artifacts
 - Sequence diagrams
 - Data models
 - Subsystem decompositions

KEEPER

- OOR gatekeeping and provenance component
- Related standards
 - ISO 11179
 - WS-BPEL
- Projects
 - Course projects (12 teams)
 - Sponsored projects (NIH)
 - Other projects

Experiences and Prototypes

- One student team is using KEEPER as the basis for their software development.
- Prototype systems are being developed by two teams.
- Sponsored projects will be using at least one of the prototypes in the context of OOR.

Disease Knowledge Using Biological Taxonomy, and Environmental Ontologies

- NIH project that will be curating ontologies, metadata and structured data.
- Ontologies
 - Species taxonomies
 - Environment ontology
 - Geolocation ontologies
- Heterogeneous data sources
 - Citation databases
 - Health reports