

Hackathon Project (HC-07): Ontohub-OOR-OOPS! Integration

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Involved Projects

- **Open Ontology Repository (OOR)**: joint effort for ontology repository that significantly goes beyond BioPortal
 - Architecture and API available
 - current implementations: BioPortal, Ontohub
- **Ontohub**: web-based repository engine for distributed heterogeneous (multi-language) ontologies
 - prototype available at ontohub.org
 - mid-term goal: follow the OOR architecture and API
- **OOPS!**: ontology evaluation tool for OWL, giving hints and listing pitfalls
 - XML-based web service available

Expected Deliverables

- webservice **API** that allows OOPS! to integrate with Ontohub, OOR or possible other software tools and environments
 - start with BioPortal API (= current OOR API)
 - integrate Ontohub's perspective: multiple ontology languages
 - integrate evaluation services (like OOPS!)
- **integration** of OOPS! output into the Ontohub.org display of classes and properties
 - code in the Ontohub code repository providing this functionality
 - functionality provided online at Ontohub.org

Work Plan

Saturday, April 13th

- 1:00am PDT / 4:00 am EDT / 10:00am CET: **ad-hoc integration of OOPS! and Ontohub**
 - Ontohub codebase and issue tracker:
[github.org/ontohub/ontohub](https://github.com/ontohub/ontohub)
 - OOPS! API: oops-ws.oeg-upm.net
- whole day: **agile: multiple concept - implementation - feedback loops**
 - deployed version at staging.ontohub.org
 - issue tracker at [github.org/ontohub/ontohub](https://github.com/ontohub/ontohub)
- 4:00am PDT / 7:00am EDT / 1:00pm CET: **API development**
 - Skype conference at ???
 - Wiki page for API at ontolog.cim3.net (where exactly?)