Semantics from Around the Horn

John Graybeal
Stanford University School of Medicine
< Center for Biomedical Informatics Research / BMIR >
<< Center for Extended Data Annotation and Retrieval / CEDAR >>

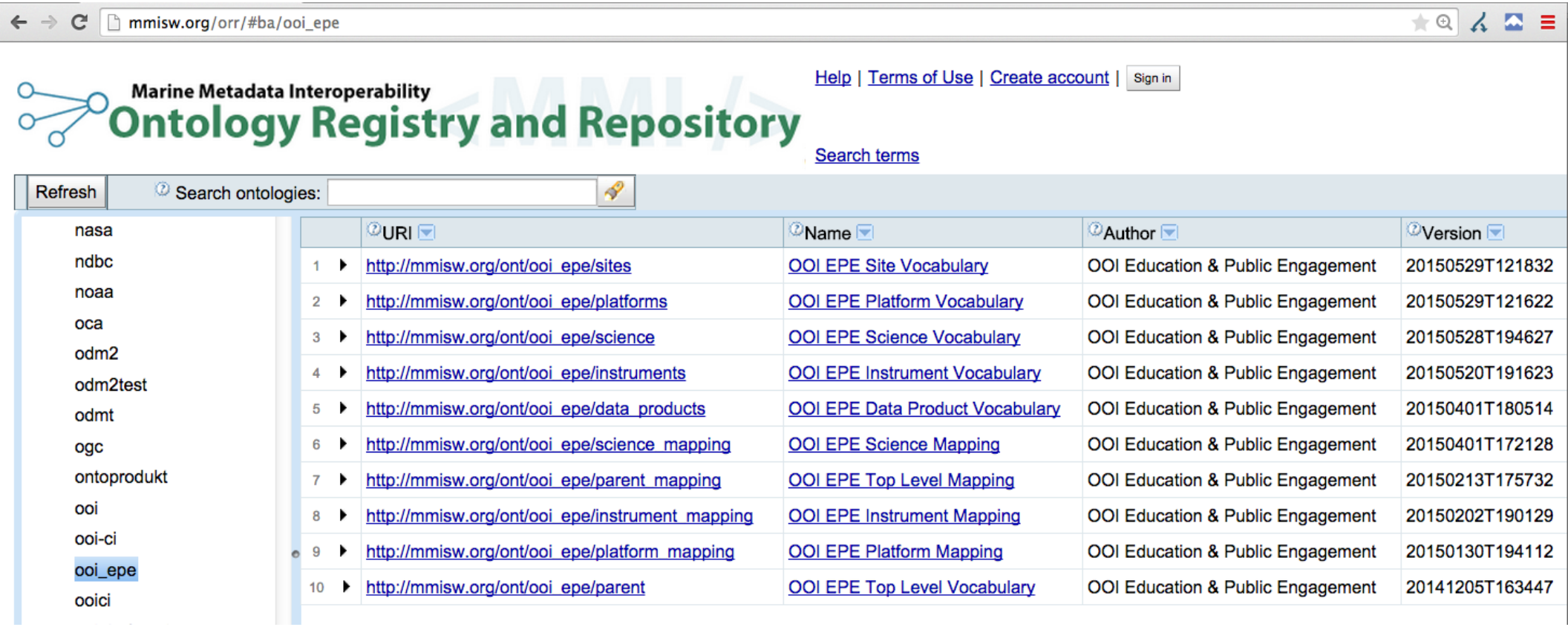
&

Marine Metadata Interoperability Project Lead

(previously) Marinexplore/PlanetOS
(previously) OOI Cyberinfrastructure at UC San Diego
(previously) Monterey Bay Aquarium Research Institute

(1)

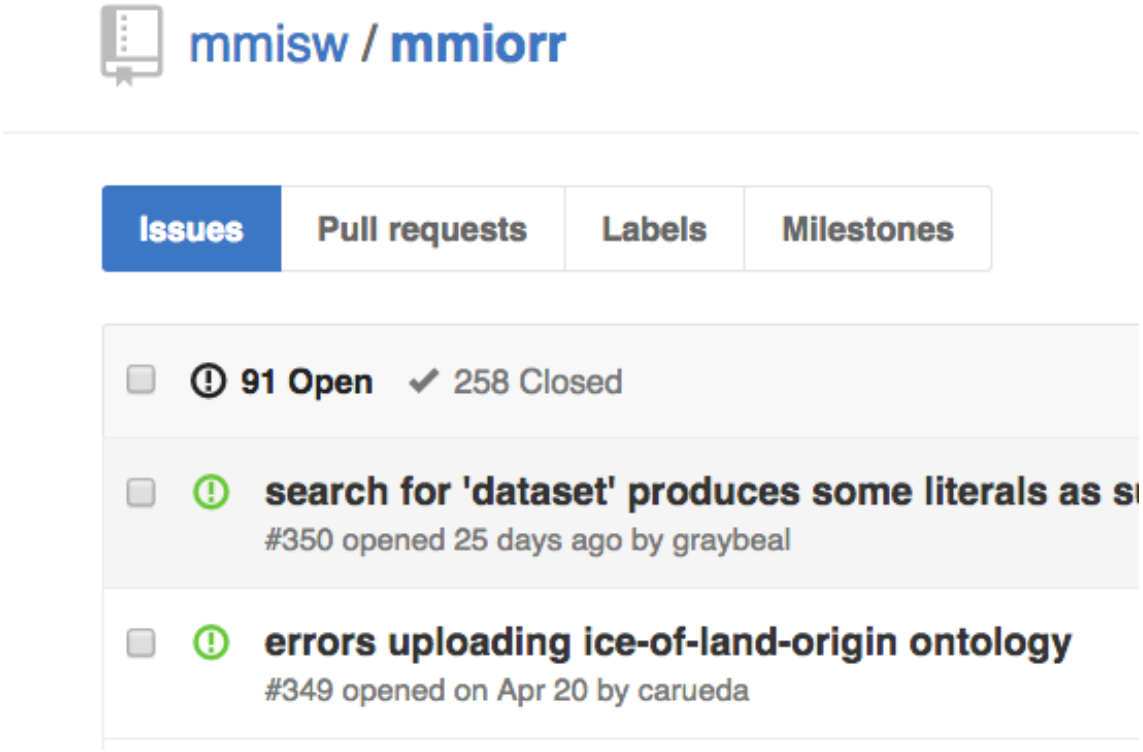
http://mmisw.org/orr



The MMI Ontology Registry and Repository is part of the semantic web services and tools created by the Marine Metadata Interoperability project, MMI.

http://mmisw.org/

http://marinemetadata.org/semanticframework



GitHub, Inc. [US] https://github.com/ESIPFed/cor/wiki/Original-COR-Proposal

This repository Search **Pull requests** **Issues** **Gist**

ESIPFed / cor

Original COR Proposal

John Graybeal edited this page 4 days ago · 1 revision

This was the original proposal for the ESIP Community Ontology Repository.

A Community Ontology Repository Testbed: Dev

Based on MMI's Ontology Registry and Repository

John Graybeal, Marine Metadata Interoperability (MMI) Project

12 May 2015

▾ Pages 8

Home

Background and Motivation

Deployment Approach

Documentation and Contacts

Management Process

Operational Overview

Original COR Proposal

Repository Organization

a. Project Description

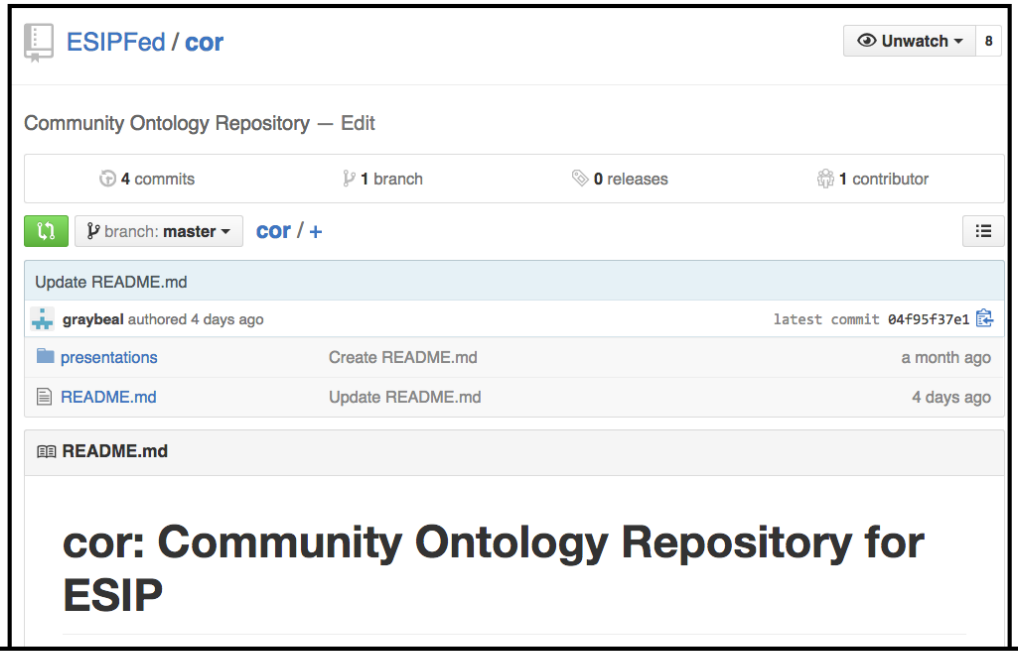
We propose to develop and deploy an ESIP-dedicated and ESIP-branded "Community Ontology Repository" (COR) pilot instance, to be used in a semantic technologies evaluation study.

"The ESIP Federation saw an opportunity to re-purpose this software as a learning and evaluation tool for the ESIP community. By deploying the ORR as an ESIP-focused service, it would be available to a wide earth science community, and could provide different services that could be considered alongside the existing ESIP Semantic Repository."

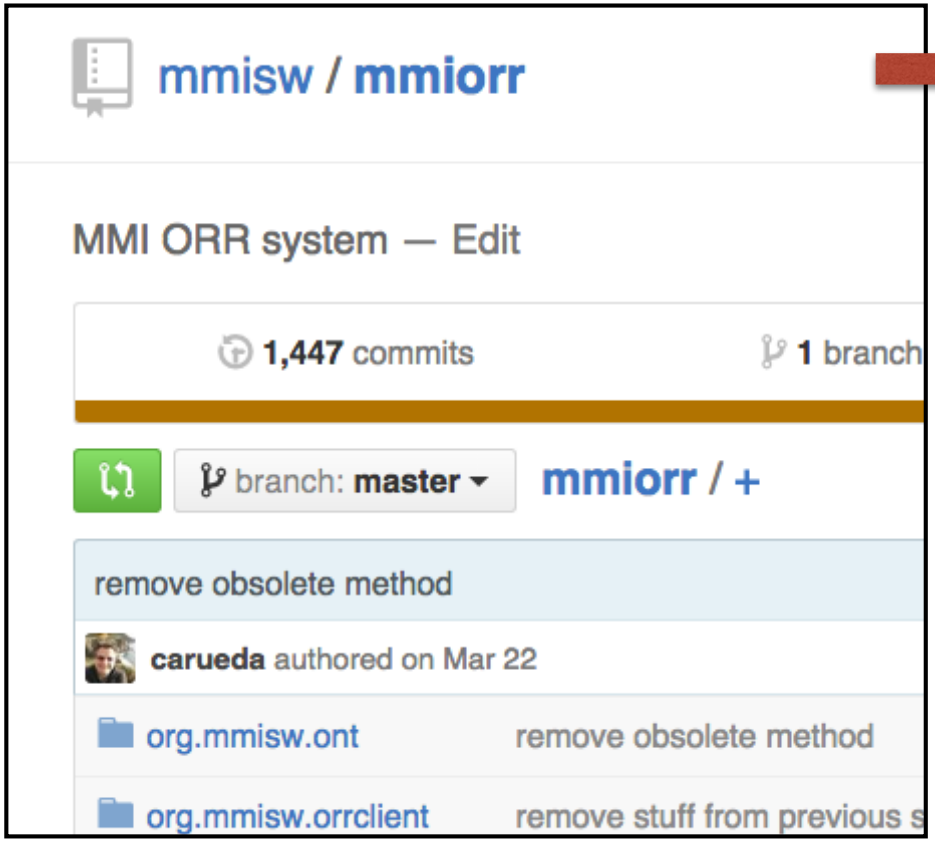
"The two portals each have their own perspective on the purpose and format of ontologies, and the comparison should provide plenty of food for thought, and practical experience, to the ESIP community."

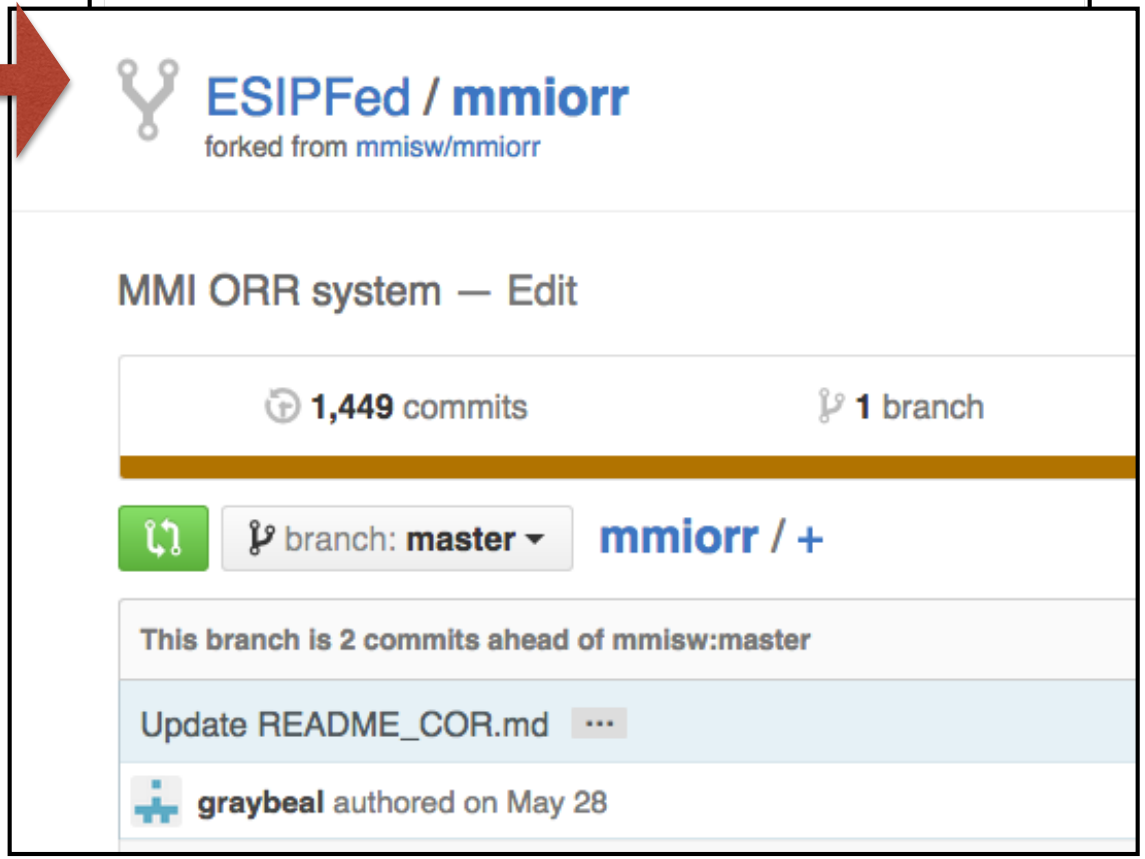
Community Ontology Repository Wiki

ESIP Federation



MMI





ESIPFed / cor

Issues | Pull requests | Labels | Milestones

Filters | is:issue sort:created-asc

Clear current search query, filters, and sorts

20 Open | 10 Closed | Author | Labels | Milest

- **complete the README.md** task
  #1 opened on May 28 by graybeal | 2) Config (Instance/…
- **add Wiki** task
  #2 opened on May 28 by graybeal | 2) Config (Instance/…
- **Create project description on ESIP web site** task
  #3 opened on May 28 by graybeal | 1) Initiation & Setup
- **Review the ORR instance deployment procedures to identify any concerns** task
  #4 opened on May 28 by graybeal | 1) Initiation & Setup
- **Finalize an agreement on technical issues with ESIP** task
  #5 opened on May 28 by graybeal | 1) Initiation & Setup
- **Determine requirements for AWS instance** task
  #6 opened on May 28 by graybeal | 1) Initiation & Setup
- **Work with ESIP to enable access to a suitable AWS instance** task
  #7 opened on May 28 by graybeal | 1) Initiation & Setup
- **Instantiate and configure the AWS instance** task
  #8 opened on May 28 by graybeal | 2) Config (Instance/…
- **Create an ESIP fork of the appropriate mmisw code** task
  #9 opened on May 28 by graybeal | 2) Config (Instance/…

Issues | Pull requests | Labels | Milestones

New milestone

4 Open 1 Closed

Sort

1) Initiation & Setup

Closed 5 minutes ago Last updated 3 minutes ago

A) Create project description on ESIP web site B) Review the ORR i... (more)

100% complete **0** open **6** closed

Edit Reopen Delete

2) Config (Instance/GitHub)

Past due by 14 days Last updated 4 days ago

A) Instantiate and configure the AWS instance B) Create an ESIP f... (more)

42% complete **4** open **3** closed

Edit Close Delete

3) Install/Base Test

Due by July 31, 2015 Last updated 4 days ago

A) Initiate and troubleshoot installation B) Make local customizat... (more)

0% complete **4** open **0** closed

Edit Close Delete

4) Finalize Install

Due by August 31, 2015 Last updated 4 days ago

A) Perform testing with multiple vocabularies B) Set up automated ... (more)

0% complete **5** open **0** closed

Edit Close Delete

5) News/Outreach/Documentation

Due by September 30, 2015 Last updated 4 days ago

A) Project initiated: to MMI site and other communities (EarthCube,... (more)

12% complete **7** open **1** closed

Edit Close Delete

(2)

1. Working or Special Interest Group title:

Semantic Infrastructure Working Group

2. Statement of Purpose

This working group will focus on the EarthCube Technology and Architecture Standing Committee (TAC) goal to facilitate the development of the technology component of EarthCube, particularly by **facilitating alignment of EarthCube funded projects to foster technology integration**, and in collaboration with the TAC GAP Analysis Working Group, **identifying gaps in coverage of needed cyberinfrastructure capabilities**, and **determining recommendations** on how to fill those gaps.

EarthCube

Semantic Infrastructure Working Group members

View | Edit | Group | **Members** | Revisions

John Graybeal

Matthew Mayernik
Contact me

Pascal Hitzler
Contact me

Jeffrey Grethe
Contact me

Joe Futrelle
Contact me

Mostafa Elag
Contact me

Benjamin Gross
Contact me

Yolanda Gil
Contact me

Gary Berg-Cross
Contact me

Ruth Duerr
Contact me

Rachael Black
Contact me

Bob Arko
Contact me

9 Months

(3)

Operations in Production

‘vs’

Community

Semantic Community Diversity

Fitness for Purpose

Scaling

jbgraybeal@mindspring.com

jgraybeal@stanford.edu