

Semantics from Around the Horn

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&

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(previously) Monterey Bay Aquarium Research Institute

(1)

http://mmisw.org/orr

← → ↻ mmisw.org/orr/#ba/ooi_epe ★ 🔍 ↗ 📄 ☰

 **Marine Metadata Interoperability**
Ontology Registry and Repository

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1 ▶	http://mmisw.org/ont/ooi_epe/sites	OOI EPE Site Vocabulary	OOI Education & Public Engagement	20150529T121832
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9 ▶	http://mmisw.org/ont/ooi_epe/platform_mapping	OOI EPE Platform Mapping	OOI Education & Public Engagement	20150130T194112
10 ▶	http://mmisw.org/ont/ooi_epe/parent	OOI EPE Top Level Vocabulary	OOI Education & Public Engagement	20141205T163447

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>



mmisw / **mmiorr**

Issues

Pull requests

Labels

Milestones

ⓘ 91 Open ✓ 258 Closed

ⓘ **search for 'dataset' produces some literals as s**
#350 opened 25 days ago by graybeal

ⓘ **errors uploading ice-of-land-origin ontology**
#349 opened on Apr 20 by carueda



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

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.

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[Background and Motivation](#)

[Deployment Approach](#)

[Documentation and Contacts](#)

[Management Process](#)

[Operational Overview](#)

[Original COR Proposal](#)

[Repository Organization](#)

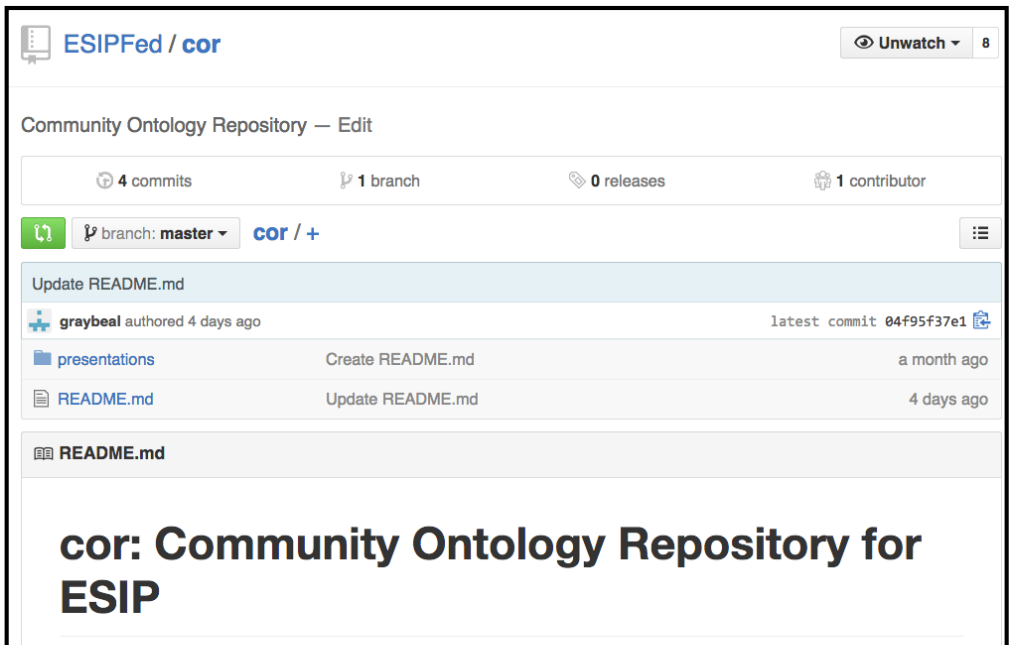
“The ESIP Federation saw an opportunity to re-purpose this software as a **learning and evaluation tool for the ESIP community.**

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.**”

ESIP Federation

MMI



ESIPFed / cor

Community Ontology Repository — Edit

4 commits 1 branch 0 releases 1 contributor

branch: master cor / +

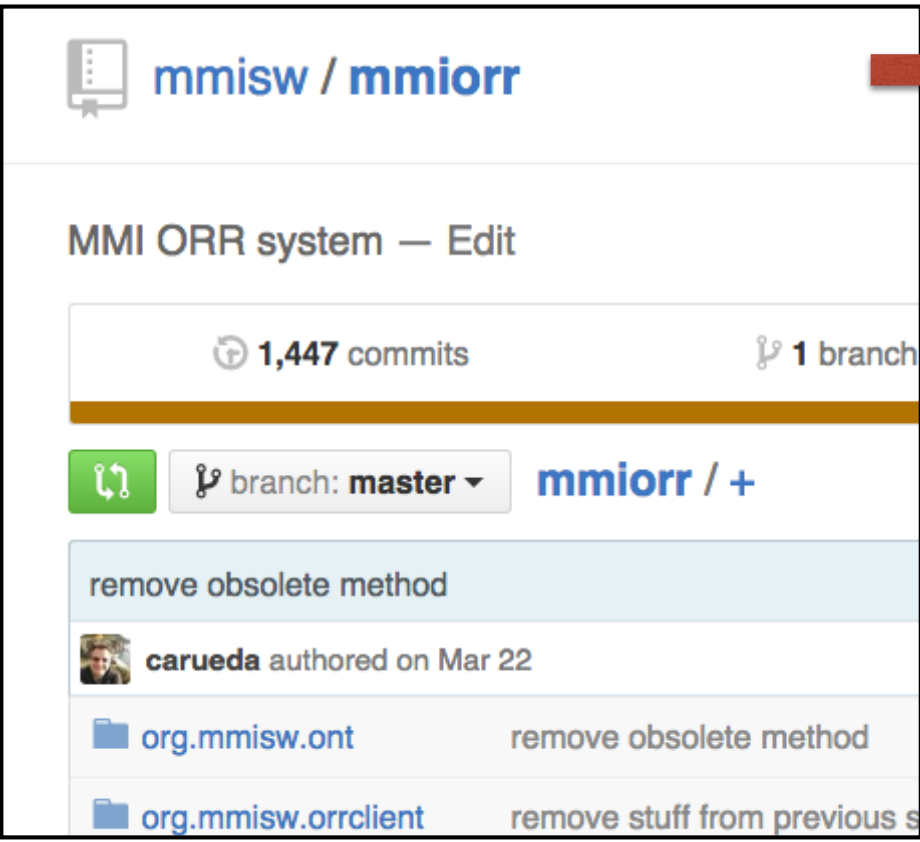
Update README.md

graybeal authored 4 days ago latest commit 04f95f37e1

presentations	Create README.md	a month ago
README.md	Update README.md	4 days ago

README.md

cor: Community Ontology Repository for ESIP



mmisw / mmiorr

MMI ORR system — Edit

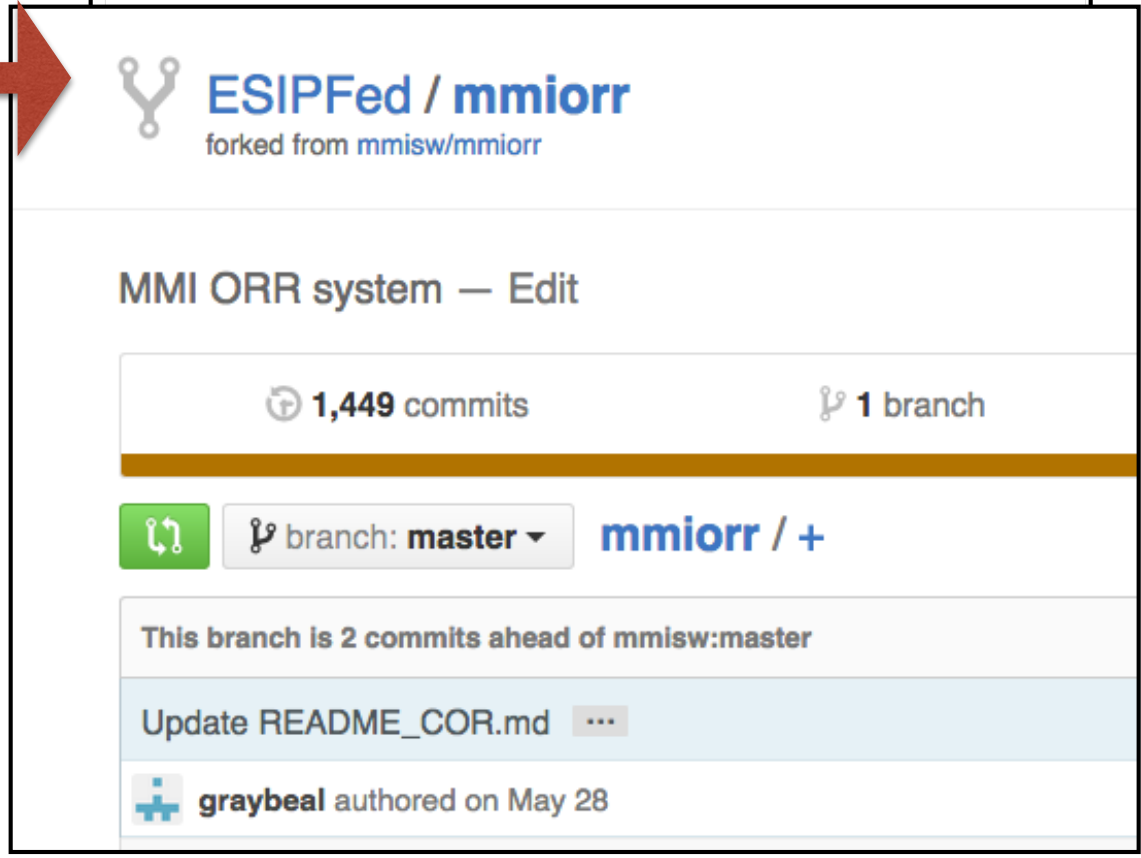
1,447 commits 1 branch

branch: master mmiorr / +

remove obsolete method

carueda authored on Mar 22

org.mmisw.ont	remove obsolete method
org.mmisw.orrclient	remove stuff from previous s



ESIPFed / mmiorr

forked from mmisw/mmiorr

MMI ORR system — Edit

1,449 commits 1 branch

branch: master mmiorr / +

This branch is 2 commits ahead of mmisw:master

Update README_COR.md ...

graybeal authored on May 28



- Issues**
- Pull requests
- Labels
- Milestones

Filters ▾ 🔍 is:issue sort:created-asc

✕ Clear current search query, filters, and sorts

<input type="checkbox"/>	🔔 20 Open ✓ 10 Closed	Author ▾	Labels ▾	Milestones
<input type="checkbox"/>	🕒 complete the README.md task #1 opened on May 28 by graybeal 🗑️ 2) Config (Instance/...			
<input type="checkbox"/>	🕒 add Wiki task #2 opened on May 28 by graybeal 🗑️ 2) Config (Instance/...			
<input type="checkbox"/>	🕒 Create project description on ESIP web site task #3 opened on May 28 by graybeal 🗑️ 1) Initiation & Setup			
<input type="checkbox"/>	🕒 Review the ORR instance deployment procedures to identify any concerns task #4 opened on May 28 by graybeal 🗑️ 1) Initiation & Setup			
<input type="checkbox"/>	🕒 Finalize an agreement on technical issues with ESIP task #5 opened on May 28 by graybeal 🗑️ 1) Initiation & Setup			
<input type="checkbox"/>	🕒 Determine requirements for AWS instance task #6 opened on May 28 by graybeal 🗑️ 1) Initiation & Setup			
<input type="checkbox"/>	🕒 Work with ESIP to enable access to a suitable AWS instance task #7 opened on May 28 by graybeal 🗑️ 1) Initiation & Setup			
<input type="checkbox"/>	🕒 Instantiate and configure the AWS instance task #8 opened on May 28 by graybeal 🗑️ 2) Config (Instance/...			
<input type="checkbox"/>	🕒 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)



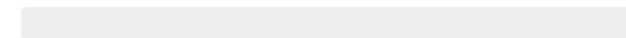
42% complete 4 open 3 closed

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3) Install/Base Test

Due by July 31, 2015 Last updated 4 days ago

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



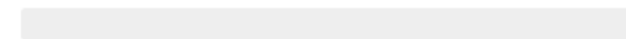
0% complete 4 open 0 closed

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4) Finalize Install

Due by August 31, 2015 Last updated 4 days ago

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



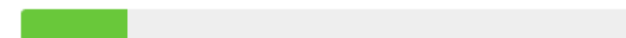
0% complete 5 open 0 closed

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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
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Bob Arko
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9 Months

(3)

Operations in Production

'vs'

Community

Semantic Community Diversity

Fitness for Purpose

Scaling

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