

NETMAR Work Package 3

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Olly Clements

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WP3 Progress Since WP4

- Ontology Toolkit
 - Development of V2 of the NERC Vocabulary Server
 - Upgraded back office structure designed, implemented and populated
 - RESTful interface operational on development server (versioning SQL needs optimising)
 - SOAP interface on development server broken (needs Webmaster to return from sick leave)
 - Errors in some served documents due to known back office content issues

WP3 Progress Since WP4

- Semantic Resources
 - ICAN Coastal Erosion 'ontology' developed for the pilot portal semantic search and lodged in the MMI ORR
 - Salvaged what I could from ORR (OCA and global 'ontologies')
 - Hacked it around in Excel, completing the mapping
 - Loaded into NVS as concept collections
 - Generated concept schemes from these
 - Demonstrated the result to ICAN₅

WP3 Plans for Next 6 Months

- Ontology Toolkit
 - Back Office content issue resolution
 - Get SOAP interface running on development server
 - NVS V2 launch on production server (needs to coincide with D3.5 completion)
 - Development of Vocabulary editor to support mapping management
 - Gap analysis followed by design and implementation of additional methods if needed

WP3 Plans for Next 6 Months

- Semantic Resources
 - ICAN Requirements
 - Extension of Coastal Erosion concept scheme to more local vocabularies
 - Water Quality concept collection (significant BODC input)
 - Coastal Marine Spatial Planning concept scheme (minimal BODC input)
 - Coastal Vulnerability concept scheme (minimal BODC input)
 - Other Pilots
 - Requirements needed. Once specified, they can be built very quickly
 - Service Chain
 - Again requirements need to be discussed. Again once specified build is quick
 - Move forward parameter CF parameter specifications (Common Concepts)

Ontology Toolkit Demonstration

- Over to Olly

WP3 Open Issues



WP3 Open Issues

- Plan was for Adam to complete D3.5 before going on paternity leave
- Little Megan beat him to it!
- Backup plan was for me to pick up D3.5 and finish it off
- Proving difficult in practice due to other pressures

D3.5 Status

- Document is over 90% complete
- Adam is back from paternity leave on October 10
- Possible options
 - Circulate for internal review now as it is
 - Roy continue the attempt to finish the document, then circulate
 - Leave it for Adam to finish, then circulate

Next Ontology Toolkit

- Development of editor functionality to maintain mappings
- Plugging any gaps identified by WP4
- Semantic resource population