

Vocabulary Developments

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Overview

- Tools
- NETMAR
- Geo-Seas

Tools

- Vocabulary server
 - Release 1.1.4 stable and no planned changes
 - Rebranded as the NERC Vocabulary Server
- Vocabulary editor
 - Allows authenticated/authorised vocabulary updates from outside BODC
 - Web service API in place
 - Client for deployment through BODC web site undergoing final acceptance testing

NETMAR

- Funded 3-year FP7 project starting February 1
- Objective is to develop an OGC service-based portal engine with portals specified by a workflow script
- ‘Smart’ discovery and service semantic interoperability require an ontology
- BODC have 1.5 FTE to build it

NETMAR

- Ontology needs to be multilingual (auto-translation) and based on distributed resources (e.g. NERC VS, GEMET, etc.)
- Semantic framework based on existing standards where they exist
- Collaborative work to develop standards where they don't (e.g. URI and API syntax)

NETMAR

- NETMAR will produce the following of interest to SeaDataNet
 - A new version of the NERC vocabulary server
 - Ontology bridging and mapping tools
 - A ‘Smart Discovery’ service API with auto-translation and reasoning functionality
 - Enhanced vocabulary content and mappings

Geo-Seas

- Geological content governance group established
- Currently looking at geological extensions to Lo2 (parameter discovery) and Lo5 (instrument categories)
- Proposals for change will be circulated to the TTT shortly.