The Centre for Ecology and Hydrology at the University of Lancaster Selects TopQuadrant for Ontology Management

TopBraid Enterprise Vocabulary Net (EVN) to manage business vocabularies for CEH

RALEIGH, NC – March 24, 2015 - TopQuadrant™, a leading enterprise metadata and semantic data integration company, today announced that Centre for Ecology and Hydrology will implement TopBraid Enterprise Vocabulary Net (EVN) to collaborate on defining and linking enterprise vocabularies, taxonomies and metadata used for promoting interoperability between International environmental monitoring networks.

The Centre for Ecology & Hydrology (CEH) is the UK’s Centre of Excellence for integrated research in the land and freshwater ecosystems and their interaction with the atmosphere. According to Mike Brown, head of application development, “TopQuadrant has proven to be a valuable resource for our data initiatives. When it came time to select a partner for ontology management, they were the obvious choice.”

TopBraid EVN is a flexible, web-based system for managing semantic information models. It supports business stakeholders who need to collaborate on defining and linking enterprise vocabularies, taxonomies, thesauri and ontologies used for information integration, navigation and search.

TopBraid EVN lets organizations create, connect and use:

• **Taxonomies** – vocabularies that are based on SKOS, the W3C standard for managing taxonomies and thesauruses. These information models contain hierarchies of terms connected using broader/narrower relationships. In addition to standard SKOS attributes, they can contain custom attributes and relationships.

• **Ontologies** – non SKOS-based vocabularies. Some may contain schema-level information only—that is, definitions of classes and properties. Other ontologies may also contain instances of classes. Instance data can be hierarchical, but these hierarchies use custom relationships such as ‘part of’ instead of broader/narrower. Using ‘include’, one can combine ontologies with SKOS-based taxonomies.

• **Content tag sets** – datasets that link information in one dataset with the information in another one. Typically, one of the datasets is a vocabulary whose values are used to tag information in another dataset. The dataset containing items to be tagged is often a view into a content management repository such as Microsoft SharePoint.

“We are pleased that the Centre for Ecology and Hydrology has decided to use TopBraid EVN and are confident it will meet their high expectations for an ontology management and Linked Data solution,” said Irene Polikoff, CEO and co-founder of TopQuadrant.

Learn more about TopBraid Enterprise Vocabulary Net and request an evaluation account.

About Centre for Ecology and Hydrology
CEH is part of the Natural Environment Research Council (NERC), employs more than 450 people at four major sites in England, Scotland and Wales, hosts over 150 PhD students, and has an overall budget of about £35m. CEH tackles complex environmental challenges to deliver practicable solutions so that future generations can benefit from a rich and healthy environment. You can follow the latest developments in CEH research via Twitter and our RSS news feed.

www.ceh.ac.uk

About TopQuadrant
TopQuadrant’s standards-based solutions enable organizations to evolve their information infrastructure into a semantic ecosystem, the foundation for intelligent business capabilities and integrated big data. As a result, data can be organized, shared and exchanged regardless of its structure, origin or location. TopBraid Enterprise Vocabulary Net™ supports collaborative management of enterprise metadata, models, business glossaries and taxonomies used in search, content navigation and data integration. TopBraid Reference Data Manager™ supports the governance and provisioning of reference data, including the enrichment of reference datasets (code lists) with comprehensive metadata. TopBraid Insight™ is a semantic virtual data warehouse that enables federated querying of data across diverse data sources as if they were in one place. TopQuadrant customers include many government agencies and Fortune 1000 companies in numerous industries including pharmaceutical, financial services, energy and digital media. For more information, visit http://www.topquadrant.com

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