To reduce costs in today’s complex world, organizations need to master information and metadata management. TopBraid Enterprise Vocabulary Net™ (TopBraid EVN) supports business stakeholders who need to collaborate on defining and linking enterprise vocabularies, taxonomies, thesauri and ontologies and use them for information integration, navigation and search.

**TopBraid EVN lets enterprises 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** — vocabularies that may contain schema-level information only — that is, only definitions of classes and properties. Some ontologies may also contain instances of classes. Instance data may include hierarchical relationships. But, unlike taxonomies, these hierarchies use your own domain-specific relationships such as ‘part-of’ or ‘managed by’. Instead of the built-in SKOS ‘broader’ property.

- **Content tag sets** — datasets that link content resources with vocabularies that are used to classify them. For example, one might connect (tag) articles on a website or in a Microsoft SharePoint repository with keywords to help customers find those articles. Content tag sets may be auto-generated or created and curated manually.

**With TopBraid EVN, enterprises benefit from:**

- **Unlocked information**
  - TopBraid EVN makes it possible to turn silos of unstructured Big Data into smart data — linked and ready to use in business decisions.
  - Using metadata, it enables content-centric workflow processes and lifecycle governance of sensitive information.

- **Better, more relevant search and content navigation**
  - Business vocabularies enable faceted search, related pages, topic pages, context sensitive search and other tools for creating an exceptional user experience within search and content management applications.

- **Business vocabularies as an integral part of information management**
  - Beyond providing a rich set of vocabulary management capabilities, TopBraid EVN focuses on the modularity and connectivity of vocabulary assets.
  - By supporting a network of related vocabularies, TopBraid EVN helps enterprises resolve the tension between the desire for a single, centralized, master vocabulary system and the need to manage vocabularies in a context-specific, distributed manner.
TopBraid Reference Data Manager™ supports the governance and provisioning of reference data including the curation 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.

TopBraid Live™ in an intelligent business applications server optimized for rapid implementation of solutions that integrate data, content, application services and user interactions.

Intuitive Graphical User Interface — with auto-completion, drag and drop and rich text editing.

Flexible Data Model — ability to define and use any number of custom classes, attributes and relationships.

Audit Trails — complete history of all changes.

Version Control — virtual work-in-progress copies of vocabularies allow parallel development of versions and enable controlled publishing, review and approval workflow.

Access Control — to vocabularies and their work-in-progress copies based on assigned roles.

Search — simple lookups and advanced search, saved searches, search services, tree and list views.

Content tagging — state of the art automated, semi-automated and manual tagging.

Data Quality Rules — pre-built, commonly used rules and constraints, web user interface for easy creation of custom data validation rules.

Crosswalks — mappings between different vocabularies.

Reporting — Built-in reports for hierarchy exports, spell checking, constraint violations and graph statistics. Advanced query-building tools and reporting through graphical interfaces.

Import/Export — Import and Export from spreadsheets, XML, RDF/OWL and other formats.

Integration — with third party systems and Linked Data clouds via Web Services interfaces and APIs.

Easy extensibility — using TopQuadrant’s TopBraid platform

Standards — Built-in support for W3C standards such as SKOS, SPARQL and OWL

Enterprise-readiness — Scalable and robust architecture with DBMS deployment, LDAP and Enterprise Service Bus integration

In addition to the core EVN product, add-in modules include:

TopBraidEVN Auto-Classifier — auto-tags content with the terms from business vocabularies.

TopBraid EVN Tagger — web-based tool for linking vocabulary terms to content. Content resources are tagged, or annotated, through a visual user interface that displays the context for both the content and the vocabulary. Tagger is used to either manually tag content or, together with the Auto-Classifier, to review auto-generated tags.

TopBraid Vocabulary Explorer — provides access to vocabularies managed with TopBraid EVN to the wider communities of users. Comments made by these users are forwarded to the editorial teams.

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.

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 topquadrant.com, or contact us at rdm-info@topquadrant.com, or 919-300-7945.