

# TopBraid Feature Announcement

## TopBraid Faceted Search

TopBraid Suite's next release, scheduled for April 2011, features faceted search over RDF/OWL data. By treating class properties as facets, TopBraid gives end users flexible, intuitive ways to search Semantic Web data. Users can configure the facets by simply adding or removing properties, and the faceted search feature is easily customizable by simple editing of HTML pages included with the TopBraid Suite. TopBraid Live's API extends the customization possibilities even further.

*A "Members of Congress" application uses "Linked Open Data" from DBpedia.org and an ontology with property facets to enable search over Party Affiliation, Religion and Alma Mater. RDF/OWL brings together data from different sources:*

**TopBraid Faceted Search**  
Search dbpedia:Congressman

Party affiliation [delete](#) [reset](#)  
[United States Republican Party](#) (112) [remove](#)  
[United States Democratic Party](#) (4)

religion [delete](#)  
[Roman Catholic](#) (24)  
[Methodist](#) (16)  
[Baptist](#) (13)  
[Episcopal Church in the United States of America](#) (11)  
[Presbyterian](#) (8)  
[Protestant](#) (4)  
[Southern Baptist](#) (4)  
[Lutheran](#) (2)

Add filter: [graduated from](#)

**Found 112 matches (Loaded 25)**

**Pete Sessions**  
Peter Anderson Sessions (born March 22, 1955) is a politician from the state of Texas. He is a Republican, and currently represents the 32nd congressional district in the U.S. House of Representatives.

**Sue Myrick**  
Sue Wilkins Myrick (born August 1, 1941) is a North Carolina Congresswoman. She has represented North Carolina's 9th Congressional district in the United States House of Representatives since 1995, the first Republican woman to represent North Carolina in the United States Congress. From 1987 to 1991, Myrick

**Ileana Ros-Lehtinen**  
Ileana Ros-Lehtinen (also known as Ileana Ros; born Ileana Ros y Adato July 15, 1952) is a Cuban born American politician and former teacher. Since 1989, she has been a Republican member of the United States House of Representatives, representing Florida's 18th congressional district. She is currently

*A "Semantic Tools and Components" application uses property facets for 'coded in software language' and 'has category' to enable search. RDF/OWL allows the application to be readily evolved as new facets are needed:*

**TopBraid Faceted Search**  
Search Technology

coded in [delete](#) [reset](#)  
[Java](#) (426) [remove](#)

has category [delete](#)  
[Ontology/Vocabulary](#)  
[Development](#) (39)  
[Semantic Web Browsers and User Interfaces](#) (32)  
[Information Extraction](#) (28)  
[Middleware and Application](#)  
[Platform](#) (27)  
[Inference Engine and Rule Processing](#) (26)

Add filter: [current status](#) [developed as](#)  
[has broader](#) [has broader match](#)

**Found 426 matches (Loaded 25)**

[Eyeball](#)  
[Dbpedia Mobile](#)  
[Ontosaurus](#)  
[Semantic Web Client](#)  
[sommer](#)  
[DOSE](#)  
[Triple](#)  
[semMF](#)  
[OntoEngine](#)  
[SKOSed](#)  
[Mulgara](#)  
[Sewese](#)

### About TopBraid Suite

TopBraid Suite™ leverages emerging technology to help our customers connect silos of data, systems and infrastructure and to build flexible applications from linked data models. TopBraid Suite is a set of integrated semantic solution products that seamlessly fit into existing IT environments. All components of the suite work within an open architecture platform built specifically to implement W3C standards for integration and combination of data drawn from diverse sources.

### Why Semantic Web Standards

Resource Description Framework (RDF) provides a way to create a web of information, whether on the public internet or within intranets. Like the familiar World Wide Web, the Semantic Web is easily extensible, allowing information to be liberated from silos. With each vocabulary element having its own Uniform Resource Identifier (URI), it can be easily referenced from anywhere in an enterprise.

- RDF Schema and OWL (Web Ontology Language) provide languages for semantic modeling of complex concept types, attributes and relationships.
- Simple Knowledge Organization System (SKOS) provides a language for describing structured terminology systems like taxonomies and thesauri. Based on RDF, it inherits the power of flexibility and distribution, while being simpler to use than OWL.
- SPARQL Query Language for RDF provides more than a query facility. It offers a powerful mechanism for modeling and implementing business and data validation rules. Connections that once required custom software can now be described in a standard, declarative way.

### For More Information

- TopBraid Suite (HTML) - [http://topquadrant.com/products/TB\\_Suite.html](http://topquadrant.com/products/TB_Suite.html)
- TopBraid Suite (PDF) - TopBraid Suite Brochure