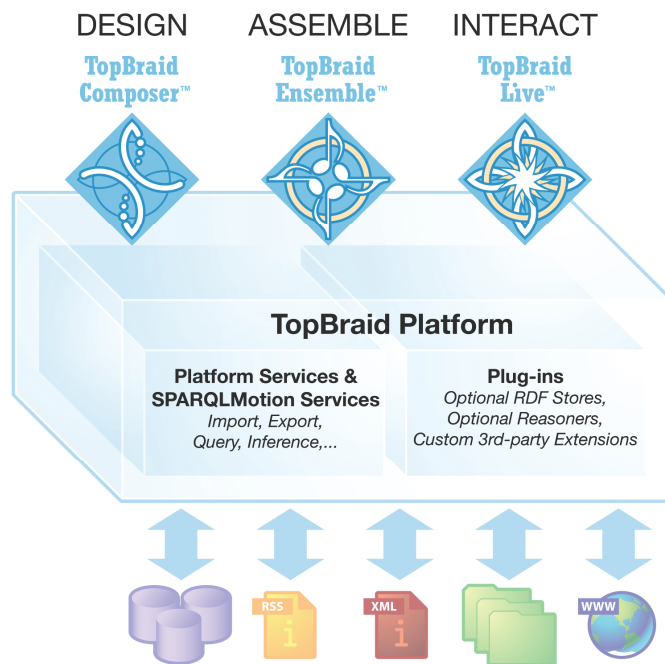# TopBraid Composer Maestro Edition™
– enhanced version of Composer with special tools such as SPARQLMotion™

Part of TopBraid Suite™ – integrated semantic solution products.

DESIGN   ASSEMBLE   INTERACT

TopBraid Composer™   **TopBraid Ensemble™**   **TopBraid Live™**

TopBraid Platform

Platform Services & SPARQLMotion Services
Import, Export, Query, Inference,...

Plug-ins
Optional RDF Stores, Optional Reasoners, Custom 3rd-party Extensions

RSS   XML   WWW

Key Features Include:

- All of the standard features of TopBraid Composer plus unique capabilities to develop/test/deploy/manage applications

- Visual creation of RDF processing chains using SPARQLMotion™ scripts

- Seamless round-tripping between XML and RDF/OWL (import – export)

- SPARQL-based HTML and XML document generation using built-in JSP engine

- Business intelligence reports can be generated and inserted into web pages for semantically enriched applications

- Ability to convert Emails into OWL, supporting semantic analysis and classification of emails

- Supports rapid iterative construction and evolution of semantic web applications:
  - Built-in personal TopBraid Live web server
  - Direct integration with TopBraid Ensemble
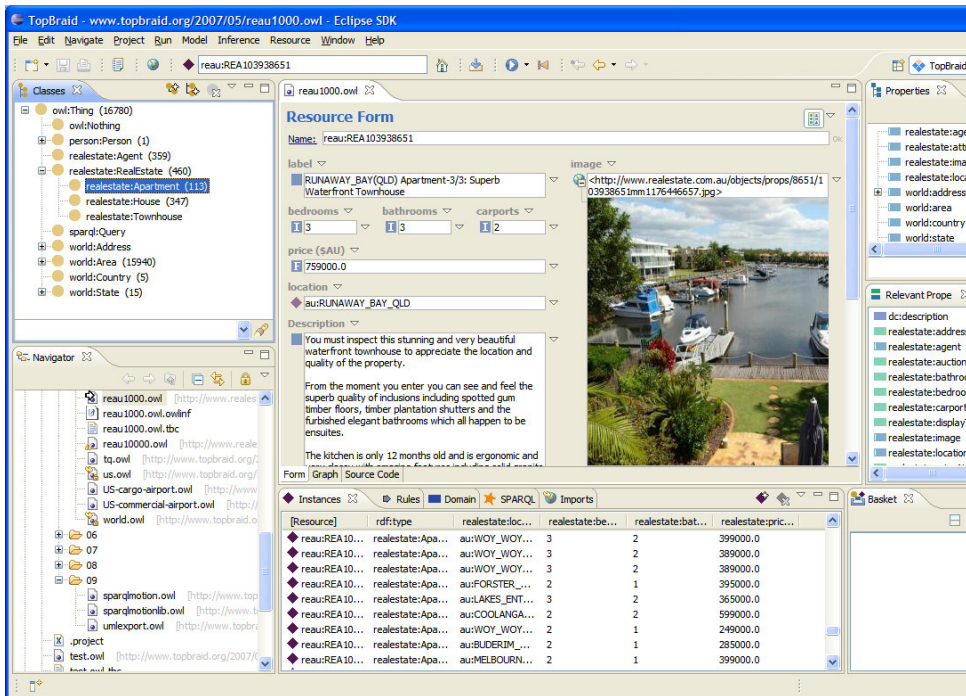
TopQuadrant™

TopQuadrant is a premier semantic web solutions company with offices in Alexandria, VA; at NASA Research Park, CA, and an affiliate in Seoul, South Korea. Please contact us at:

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TopBraid Suite™ Products
- TopBraid Composer™ – Semantic Modeling and Application Development Tool
- **TopBraid Composer Maestro Edition™** – Composer plus Extended Capabilities
- TopBraid Live™ – Enterprise Platform for Semantic Web Applications
- TopBraid Ensemble™ – Semantic Web Application Assembly Toolkit

Benefits:
- Rapidly prototype, configure, test & refine semantic model-based (ontology-enabled) TopBraid Ensemble applications
- Generate custom reports and web pages using Semantic Server Pages (JSP + SPARQL)
- Rapidly create REST Web Services for data integration, XML processing, ontology mapping, data filters and converters
- Significantly improve turn-around times in your application development life cycle

For more information, visit:
http://www.topquadrant.com/products/TB_Composer.html#maestro
Contact us at (703) 299-9330 or sales@topquadrant.com for questions or requests.

More detail on installation and free download of a full featured 30-day evaluation copy of TBC-ME can be found at http://www.topquadrant.com/products/TB_download.html

Beyond ontology development,
TopBraid Composer Maestro Edition™
provides key power tools to accelerate the whole semantic application development lifecycle

TopBraid Composer™
Maestro Edition

A view of TopBraid Composer Maestro Edition Showing the Editing of a SPARQLMotion Script

Creation and Testing of SPARQLMotion Scripts

- SPARQLMotion is a visual scripting language for creating data processing chains

- SPARQLMotion scripts support a variety of operations including running imports and exports, accepting user input, executing queries and inference operations, running JSP scripts

- Scripts are stored as OWL models and can be conveniently edited with Composer's form and graph editors

- Predefined modules make it possible to establish as input a set of RDF triples, modify and perform other operations with them (save result as a file, export as a spreadsheet, display on a map or calendar) without writing Java code

- SPARQLMotion scripts can be tested within TBC-ME or executed within the TopBraid Live platform

- SPARQLMotion scripts can be exposed and accessed as REST Web Services

TopBraid Ensemble is integrated and bundled with Maestro Edition
- Use TBC-ME to quickly develop and test RIA (Rich Internet Applications)
- Connect and customize "out of the box" TopBraid Ensemble components
- Integrate SPARQLMotion scripts
- Add custom components

Additional Features
- A built-in Java Server Pages engine with extended SPARQL library can be used to generate HTML and XML documents from templates
- Conversion of Emails into RDF/OWL
  - supports semantic analysis and classification of emails
- Flexible XML import and output mechanism
  - allows users to load arbitrary XML documents
  - query and manipulate, and save back to XML

Operating Systems Supported
TopBraid Composer Maestro Edition runs on any operating system that supports Java and Eclipse (tested on Windows, Linux and Mac OS).   For more detailed information see: http://www.topquadrant.com/products/supportedConfigs.html