

TopQuadrant Newsletter – May 2011

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Introduction to Semantic Web Technologies: What they are and how to use them

TopQuadrant's next [semantic web technology training](#) class will be taught by Dean Allemang, co-author of the popular practitioner guide [Semantic Web for the Working Ontologist](#) now in its 2nd edition and published in five languages. The class is based on and is supported by the material covered in the book. The new edition is coming out in early June, just before the training. It covers new topics and updates to standards such as comprehensive treatment of the SPARQL query language including the features of [SPARQL 1.1](#), extended treatment of [SKOS](#) (version 2), description of the Facebook Open Graph Protocol and an extended "In the Wild" section covering The Open Biological and Biomedical Ontologies, Good Relations and QUDT (Quantities, Units, Dimensions and Types).

All students attending this class will get a complimentary copy of the 2nd edition of Dean's book.

When: June 20-23, 2011, Washington DC area, Standard 4-day program

[More details, schedule and pricing](#) [Register](#)

“Dean is an internationally recognized thought leader in Semantic Web technology. A deeply experienced practitioner, he has been teaching TopQuadrant's semantic training classes since 2003; over 1000 people have taken one of these trainings. Here are examples of some unsolicited feedback sent to TopQuadrant from students who recently attended one of the training courses:

“As I am sure you are aware, Dean Allemang is an extremely good teacher. He's incredibly expert, interesting, thoughtful, and extremely responsive and flexible to what's happening in the class. One of the best I've seen.”

“Thoroughly enjoyed the course. I thought it was at exactly the right level for the audience, very good instructor and the right amount of hands-on.”

“I did want to mention that I thought it was one of the better courses I have attended. It really makes the Semantic Web spaces quite practical for me. Thanks.”

New Videos: Creating a SPARQLMotion Web Service for Data Transformation

Part 1: This video demonstrates a SPARQLMotion web service that imports a spreadsheet, transforms it by running SPIN rules and outputs an RDF graph. After seeing the video, you can try the service yourself. [More details and link to view part 1 demo](#)

Part 2: This video describes how to create a SPARQLMotion web service. SPARQLMotion is a way to create semantic data transformation and data integration services. The script was demonstrated in the part 1. In Part 2 we focus on how to create such a service. [Link to description and to view part 2](#)

TopBraid Release 3.5 – Beta Testing Successfully Completed

We are very pleased to announce that beta testing phase for TopBraid Suite and TopBraid Enterprise Vocabulary Net has been successfully completed. Thanks to everyone who participated in evaluating the new release for their helpful comments and suggestions.

Public availability of release 3.5 is targeted for May 31, 2011! New capabilities in TopBraid 3.5 include:

- Support for SPARQL 1.1
- New faceted search component. See also [blog entry](#)
- Improvements to [TopBraid Enterprise Vocabulary Net](#), including an extensive import facility for different patterns of spreadsheets, and direct upload/import of MultiTees files and RDF/XML files
- New [SPARQLMotion](#) modules and improved performance
- Improved performance of SPARQL queries over D2RQ models
- SPINMap – visual mapping and transformation between different models and RDF data. See also [blog entry](#)

For more information [visit our web site](#) or contact us at info@topquadrant.com

New SPARQLMotion Tutorial [Download](#) (PDF, ~1.4MB)

This new tutorial updates and extends the previous version, and simplifies learning and use of [SPARQLMotion](#). SPARQLMotion is a visual scripting language and engine for semantic data processing. Scripts implementing sophisticated data services and processing such as queries, data transformations and mashups can be quickly assembled with easy to use graphical tools

There are new SPARQLMotion modules, improved performance and usability enhancements in TopBraid Suite Release 3.5. The new tutorial covers some of the latest updates and also includes a link to download completed exercises. [Get in now!](#)