

— *Press Release* —

*Ontoprise announces its new releases proving to be the fastest, most complete, mature and integrated SemanticWeb infrastructure*

## Semantic Technologies Conference 2008: Ontoprise presents OntoBroker 5.1 and OntoStudio 2.1 setting a major milestone in the SemanticWeb development

**Karlsruhe, San Diego: May 19<sup>th</sup>, 2008 - ontoprise GmbH from Karlsruhe, Germany, today announced the new releases of OntoBroker 5.1 and OntoStudio 2.1. The ontoprise product suite is the most complete SemanticWeb infrastructure and the only one worldwide supporting all major W3C SemanticWeb recommendations including OWL, RDF, RDFS, SPARQL, and additionally the industry standard F-Logic which has proven to cope with a higher level of complexity. Also ontoprise announces the availability of its Triple Store OntoBroker RDF, which allows for the easy entrance to start with semantic technologies.**

OntoBroker 5.1 comes with tools that allow for the transformation between OWL, RDF, and F-Logic. The OntoBroker ontology management API is the same for all three languages. This allows for choosing the right ontology language for the right task, accessing the knowledge from different ontologies and a smooth migration from one language to another if required.

The unique coverage of standards and languages gives customers and partners the guarantee to invest into the right semantic infrastructure.

Once more, OntoBroker performance has been improved. OntoBroker 5.1 now is multi-core enabled allowing OntoBroker to reduce query-answering time by taking advantage of modern CPU-architectures from the common dual- and quad-core CPUs up to high-performance architectures like those provided by SGI. Benchmarks have proven that OntoBroker is up to 6000 times faster than the second fastest rules-based reasoner.

Another highlight is the new OntoBroker collaboration server where OntoBroker acts as central server with remote access to allow for the distributed usage, management, and editing of the ontologies and for true collaborative modelling such as with OntoStudio.

With the enhanced SOA Framework, applications can be built in any programming languages which support Web services. Optionally OntoBroker comes with a set of pre-defined web services including several functionalities like query expansion, ontology browsing, typo-correction, phrase detection etc. allowing to set up new applications in a short time frame. This enables partners to easily integrate SemanticMiner and SemanticGuide functionality within their own applications.

With the new release 5.1 ontoprise announces the availability of the Triple Store OntoBroker RDF which fully supports RDF models and RDF Schema based reasoning and SPARQL. The internal data structures cover the complete W3C's RDF specification including features like typed literals or lan-

guage tags. This allows for the easy start into semantic technologies by being upwards compatible to all other OntoBroker versions.

### **OntoStudio 2.1**

By using the OntoBroker Collaboration server OntoStudio includes Collaborative Ontology Editing allowing for the distributed modelling by any number of editors. A new modularisation feature allows for the split of ontologies, the separation of schema and facts and the re-use of central elements in different ontologies. An improved Mapping Tool helps the knowledge engineer to quickly map heterogeneous sources. The included semi-automatic Mapping-Patterns can now be extended by the user.

Additional new features are the ability to model parameterized attributes and relations, Meta-Modelling and the import of Webservices.

A free trial version of the OntoStudio release can be downloaded from the [ontoprise](http://ontoprise.com) web site.

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### **About ontoprise**

Ontoprise is the leading independent software vendor for industry-proven SemanticWeb infrastructure technologies and products used to support dynamic semantic information integration and information management processes at the enterprise level. With its mature and standards-based products and its know-how ontoprise is delivering a key portion for the upcoming SemanticWeb. ontoprise has developed a comprehensive product suite designed to support the deployment of semantic technologies in the enterprise. [www.ontoprise.com](http://www.ontoprise.com)

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