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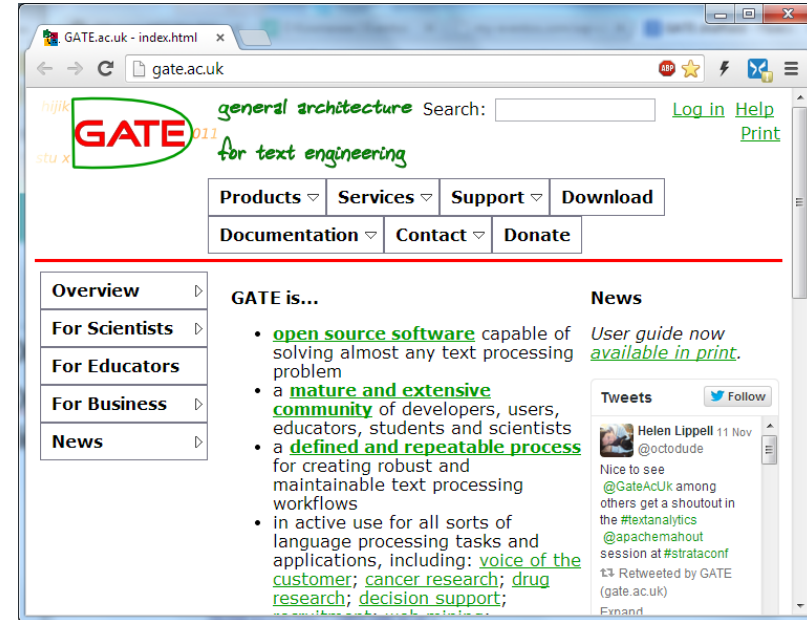
Eventos – from semantic technology to
everyday products



- Since 2008 we develop semantic technologies in field of:
 - Semantic processing of text documents
 - Context analysis
 - NoSQL RDF database development
 - Linked Open Data solutions and infrastructure
 - We started our work as R&D division of Avicomp Services and Ontos AG
 - Our team now consists of over 40 highly skilled software developers, professional linguists and information analysts
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- Our technology originates on Sheffield's University GATE project
- Now we are working on next generation engine for entity extraction
 - Linguistic rules
 - Statistical analysis of texts
 - Bootstrapping and Support Vector Machines

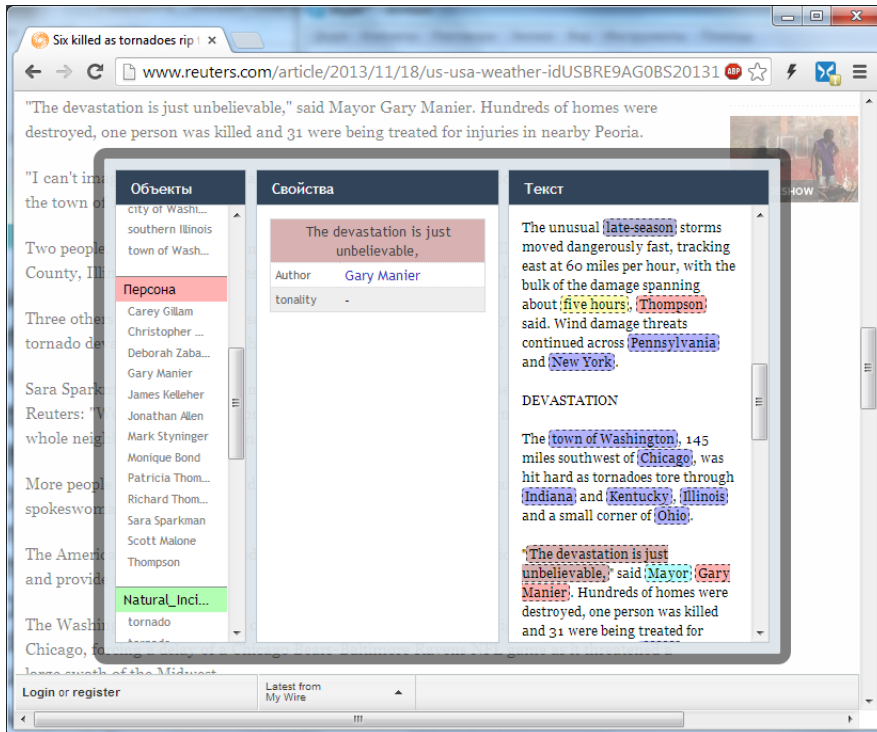
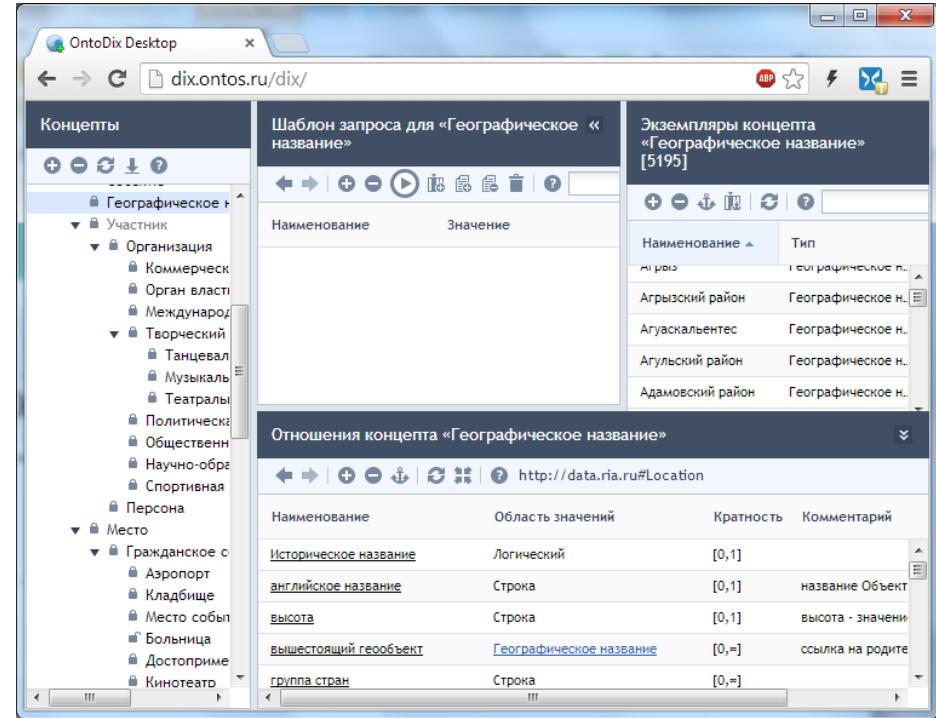




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Semantic processing of text documents

OntoDix – a system for managing of user dictionaries, morphology and linguistic rules



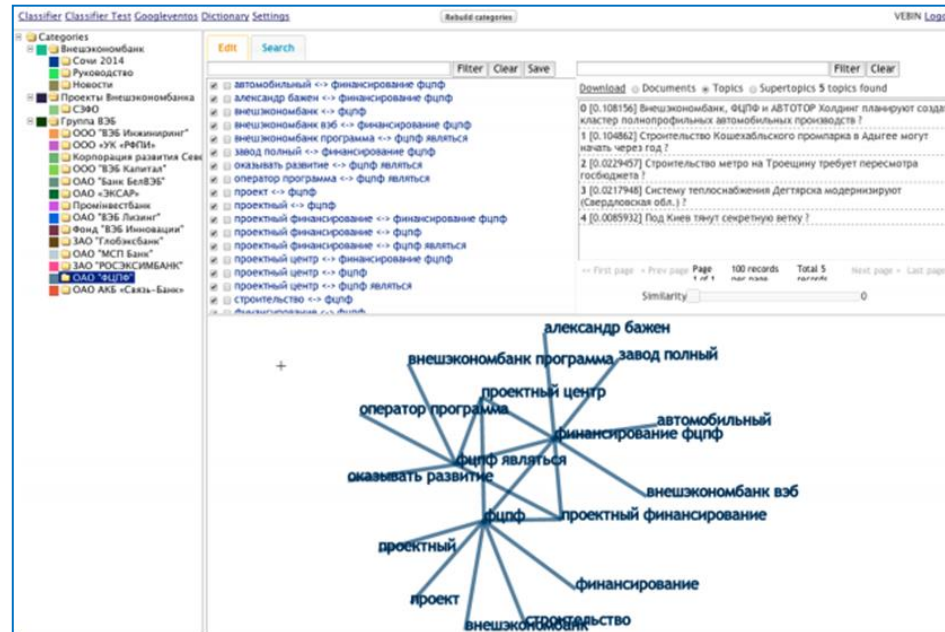
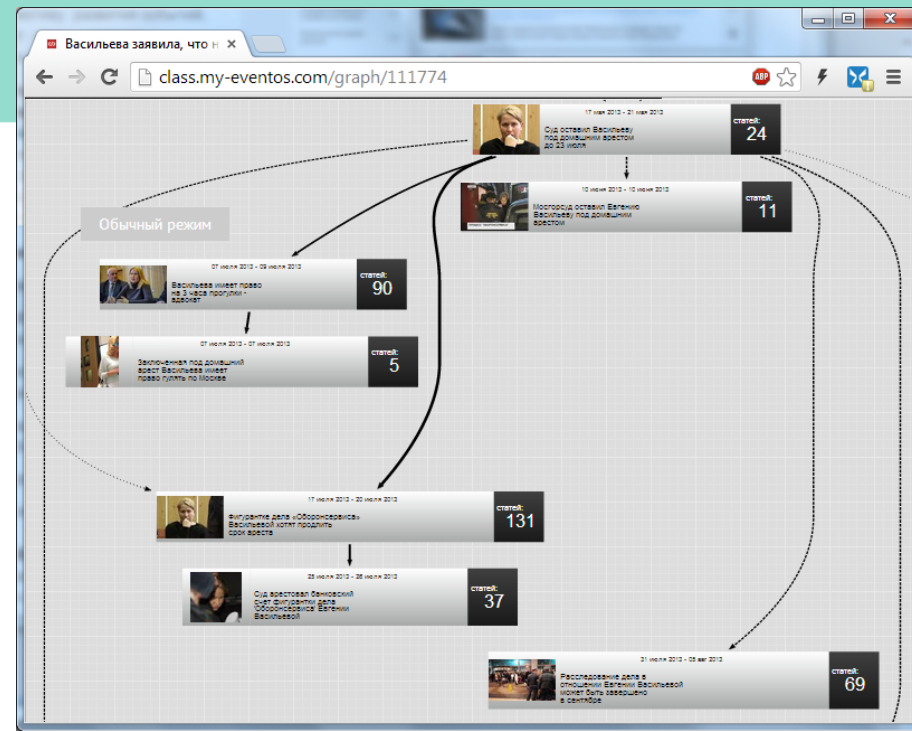
OntosMiner – a system for automated text processing and entity extraction



Context analysis

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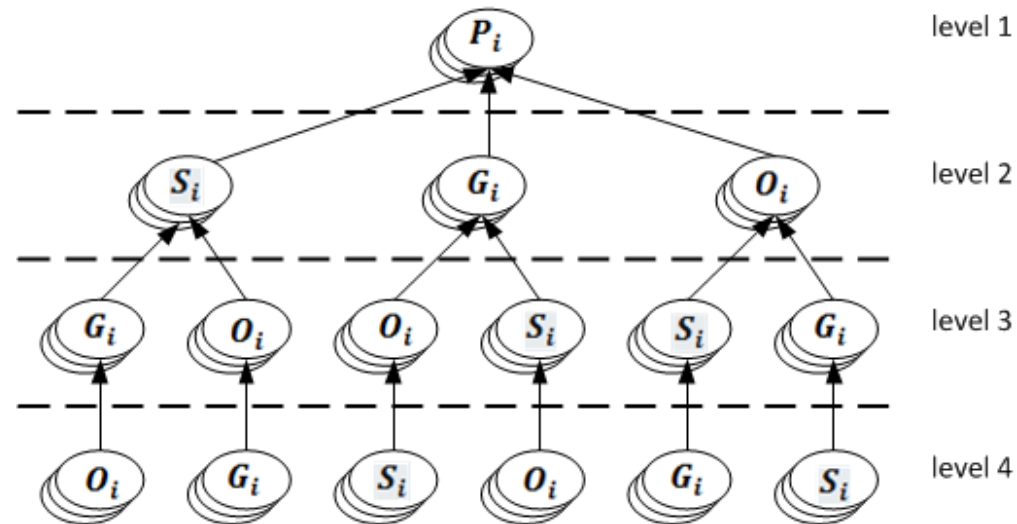
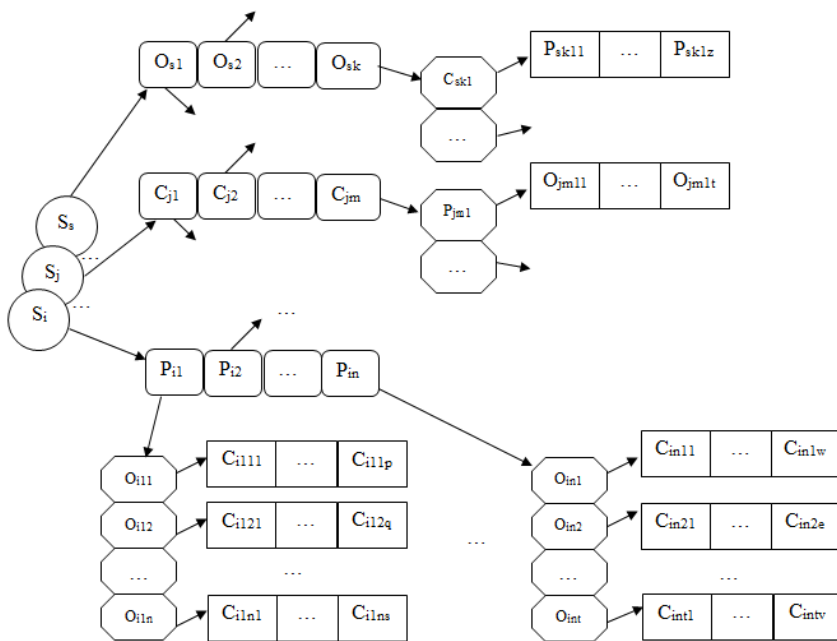
- Based on our research in context analysis we have developed an automated multilingual system capable of:
 - Document clusterization into events or stories by their context
 - On the fly document classification according user categories
 - Summary generation





OntoQuad is easy to install, compact, performance RDF Store, intended for dynamic aggregation of heterogeneous data from different domains in the global space of Web of Data.

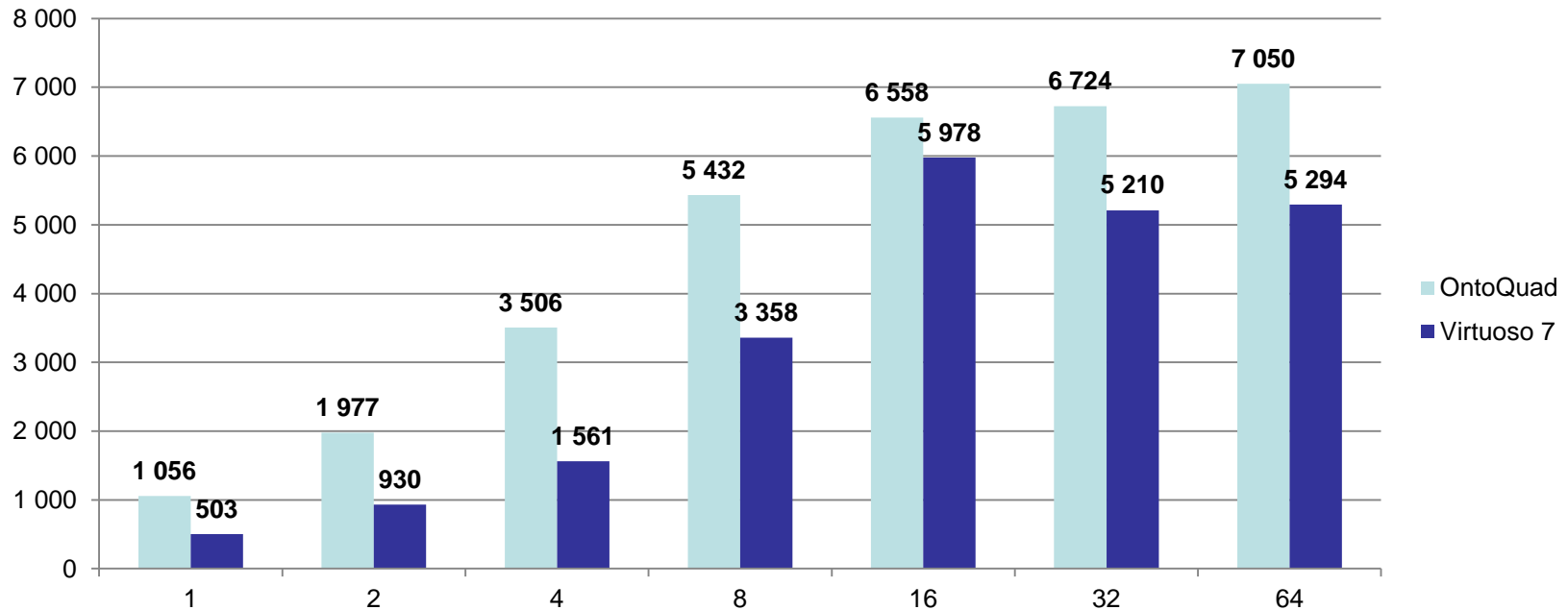
OntoQuad provides a vector representation of quadruples for **SPOG**, here "**S**" stands for Subject, "**P**" for Predicate, "**O**" for Object, and "**G**" for Graph.



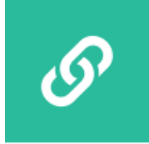


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- Based on tests done over [BSBM benchmark](#) we have achieved the following results:



Query per Hour over 1-64 concurrent connections over 1 bln. Triples dataset



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OntoQuad for Android: BSBM Tests QMpH for 10 Millions Datasets for Android

OntoQuad for Android vs. the Competitors on the Linux Server

3177 Query Mix per Hour

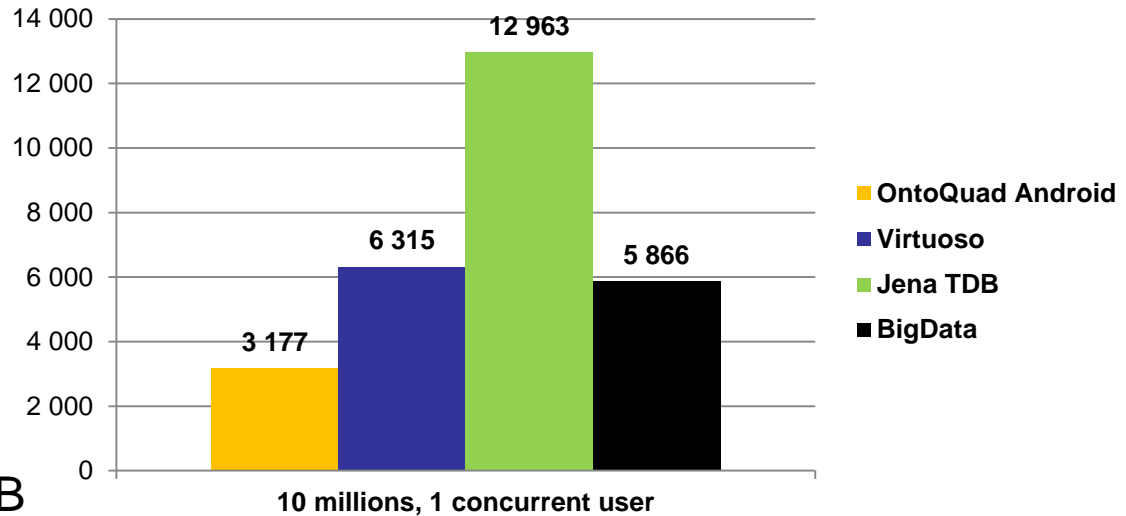
Database size – 1,72 GB

Executable module size - 61 MB

Android Samsung Galaxy

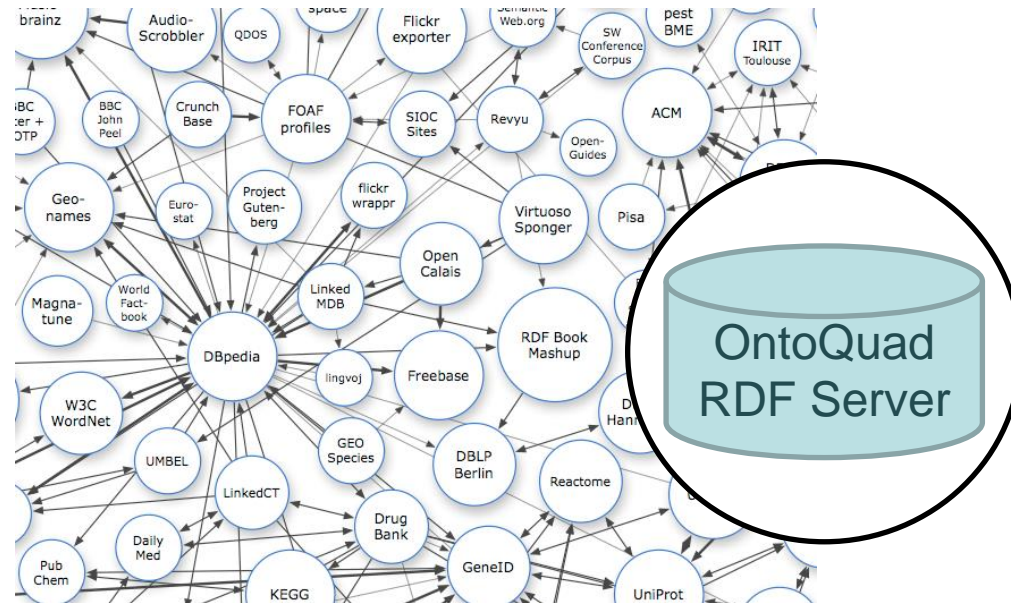
Note II:

- 16 GB storage, 2 GB RAM
- Quad-core 1.6 GHz Cortex-A9



The benchmark Server (for Virtuoso, Jena, BigData):

- quad-core Intel i7-3770 CPU with 32 GB of RAM
- storage is 2x2 TB 7200rpm SATA hard drives, configured as software RAID 1
- All systems were configured to use 22 GB of main memory



- Bases on OntoQuad RDF Server we have developed a solution to store and publish Open Linked Data:
 - Load information into OntoQuad RDF Server from Relational Databases and structured text files
 - Match loaded info with information in open LOD data sources
 - Publish stored information in the Internet



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Thank you!

For more information
please visit
www.my-eventos.com