

# Fact Sheet for On-To-Knowledge tool suite

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- [Spectacle](#)
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- [BOR](#) <http://i97.labs.bt.com/quizrdf>
- [Corporum](#)

## **Publication**

J. Davies, U. Krohn, and R. Weeks: QuizRDF: search technology for the semantic web. In WWW2002 workshop on RDF & Semantic Web Applications, 11th International WWW Conference WWW2002, Hawaii, USA, 2002.

[http://www.cs.rutgers.edu/~shklar/www11/final\\_submissions/paper6.pdf](http://www.cs.rutgers.edu/~shklar/www11/final_submissions/paper6.pdf)

## **API's**

Common Gateway Interface based APIs for communication with Sesame.

## **Hardware requirements**

typical state-of-the-art Desktop/Laptop PC.

## **Network requirements**

Network access to QuizRDF server.

## **Software requirements**

Internet Explorer or Netscape.

## **Other requirements**

None.

## **Installation time**

Non required.

## **Required other On-To-Knowledge tools**

Sesame

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## **Publication**

J. Davies, A. Duke, and A. Stonkus: OntoShare: Using Ontologies for Knowledge Sharing. In Proceedings of the WWW2002 Semantic Web workshop, 11th International WWW Conference WWW2002, Hawaii, USA, 2002.

<http://semanticweb2002.aifb.uni-karlsruhe.de/proceedings/Research/davies.pdf>

## **API's**

Common Gateway Interface based APIs for communication with Sesame.

## **Hardware requirements**

typical state-of-the-art Desktop/Laptop PC.

## **Network requirements**

Network access to OntoShare server.

## **Software requirements**

Internet Explorer or Netscape, Java runtime environment.

## **Other requirements**

None.

## **Installation time**

Non required.

## **Required other On-To-Knowledge tools**

Sesame

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- [Corporum](#)

## Publication

Y. Sure, M. Erdmann, J. Angele, S. Staab, R. Studer and D. Wenke: OntoEdit: Collaborative Ontology Engineering for the Semantic Web. In Proceedings of the first International Semantic Web Conference 2002 (ISWC 2002), June 9-12 2002, Sardinia, Italy.

<http://link.springer.de/link/service/series/0558/papers/2342/23420221.pdf>

## API's

API for plugging document in Deliverable D3 (<http://www.ontoknowledge.org/countd/countdown.cgi?del3.pdf>)

## Hardware requirements

typical state-of-the-art Desktop/Laptop PC.

## Network requirements

**Option 1:** Network access to Sesame server for up/download of ontologies via HTTP (typically port 80)

**Option 2:** exchange ontologies with Sesame via files (i.e. copy and paste via the web interface of Sesame), no network needed for OntoEdit

## Software requirements

Operating System: MS Windows 2000 (preferred), XP or NT 4. (*Note:* in general OntoEdit is written in Java and therefore platform independent, but we recommend using MSWindows - no exhaustive testing for other platforms was performed yet.)

## Other requirements

None.

**Installation time**

Minimal.

**Required other On-To-Knowledge tools**

Sesame

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- [Spectacle](#)
- [OMM](#) **URL**
- [BOR](#) <http://sesame.administrator.nl> (info + on-line demo)
- [Corporum](#) <http://sourceforge.net/projects/sesame/> (download)

## Publication

Jeen Broekstra, Arjohn Kampman, Frank van Harmelen (2002). Sesame: A generic architecture for storing and querying rdf and rdf schema. In Proceedings of the First International Semantic Web Conference, Horrocks, I. & Hendler, J. A. (Eds.), volume 2342 of Lecture Notes in Computer Science. Springer.  
<http://www.cs.vu.nl/~frankh/postscript/ISWC02.pdf>

## API's

<http://sesame.administrator.nl/doc/api/server/> (SAIL API)  
<http://sesame.administrator.nl/doc/api/client/> (Sesame Client API)

## Hardware requirements

**Option 1 (Local installation):** Desktop PC or Solaris workstation; recommended are 256Mb RAM as a minimum.

**Option 2 (Remote access):** Any typical state-of-the-art Desktop/Laptop PC with internet access.

## Network requirements

**Option 1 (Local installation):** Network access for down/upload of ontologies from/to other (client) tools.

Communication takes place over HTTP (port 80) so any firewalls need to be configured to let such traffic through.

**Option 2 (Remote access):** Internet access for accessing the host through HTTP.

## Software requirements

**Option 1 (Local installation):**

- Operating System: platform independent
- Sun J2SE v1.3 or higher. (Note: not just a JRE, we need the full kit for JSP compilation).
- Apache Tomcat v4.0.x.
- RDBMS, either: a) PostgreSQL v7.2 + JDBC driver; b) MySQL v3.41 or higher + JDBC driver
- Tool for (un)compressing ZIP archives (e.g. WinZip).
- WWWBrowser (preferably Mozilla 1.0 or higher, Netscape 6 or higher or Internet Explorer 5 or higher)

### **Option 2 (Remote access):**

- Java-enabled WWW Browser (preferably Mozilla 1.0 or higher, Netscape 6 or higher or Internet Explorer 5 or higher)
- Optional: SSH client (e.g. PuTTY).

### **Other requirements**

None.

### **Installation time**

Minimal.

### **Required other On-To-Knowledge tools**

Sesame is middleware, therefore required for all the On-To-Knowledge client tools.

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- [BOR](#) <http://www.administrator.nl/spectacle/channel/summer2002?section=products/spectacle>
- [Corporum](#)

## Publication

"Spectacle", Ch. Fluit, H. ter Horst, J. van der Meer, M. Sabou, P. Mika, Ch. 9 (pgs. 145-160) of "Towards the Semantic Web: Ontology-driven Knowledge Management", J. Davies, D. Fensel, F. van Harmelen (eds.), John Wiley, 2002.

## API's

Document in Deliverable D13, <http://www.ontoknowledge.org/download/del13.pdf>

## Hardware requirements

Any typical state-of-the-art Desktop/Laptop PC with internet access.

## Network requirements

Network access over HTTP.

## Software requirements

Internet Explorer or Netscape.

## Other requirements

None.

## Installation time

Minimal.

## Required other On-To-Knowledge tools

None for run-time environment.

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- [OMM](#) **URL**
- [BOR](#) <http://omm.ontotext.com> (online demo)
- [Corporum](#) <http://www.ontotext.com/omm> (info)

## Publication

Deliverables 38 and 39,  
<http://www.ontoknowledge.org/download/del38.pdf>  
<http://www.ontoknowledge.org/download/del39-12.pdf>

## API's

As for Sesame.

## Hardware requirements

As for Sesame.

## Network requirements

As for Sesame.

## Software requirements

As for Sesame.

## Other requirements

None.

## Installation time

Minimal.

## Required other On-To-Knowledge tools

As for Sesame.



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## **Publication**

Deliverable 40,

<http://www.ontoknowledge.org/download/del40.pdf>

## **API's**

As for Sesame.

## **Hardware requirements**

Typical desk-top PC (although more speed for BOR is always better).

## **Network requirements**

As for Sesame.

## **Software requirements**

Java Runtime Environment 1.4

## **Other requirements**

None.

## **Installation time**

Minimal.

## **Required other On-To-Knowledge tools**

As for Sesame.

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- [BOR](#) <http://ontoserver.cognit.no/>
- [Corporum](#)

## Publication

R.Engels and B.A. Bremdal.CORPORUM: A Workbench for the Semantic Web. Semantic Web Mining workshop. PKDD/ECML - 01. Freiburg, Germany, 2001.

[http://home.broadpark.no/~rhenge/rob/papers/engels\\_bremdal\\_SemWebWS\\_ECML2001.pdf](http://home.broadpark.no/~rhenge/rob/papers/engels_bremdal_SemWebWS_ECML2001.pdf)

## API's

API available from CognIT as part of the software. The tools are developed as Microsoft COM objects (Windows 2000/NT).

## Hardware requirements

Typical desk-top PC (at least 265Mb RAM recommended)

## Network requirements

No restrictions should apply on access to the documents through HTTP (i.e. no proxy, passwords etc.); Documents should be hyperlinked (i.e. starting page should be present that links to documents to be analyzed, evt. recursively.)

## Software requirements

**Local:** MS IIS Webserver (ASP scripts used) **Local+Web:** Access via browser, Internet Explorer 5 (or higher) is recommended.

## Other requirements

None.

## Installation time

4 hrs for full installation.

**Required other On-To-Knowledge tools**

Sesame.