

OntoDigger

- “The Semantic Web In One Day”
SCHLOSS DAGSTUHL, OCTOBER 2004



AIIB



FZI



ontoprise

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We are ...



- Ljiljana Stojanovic



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Idea

- Browsing the Semantic Web
- Supplementation of the structured ontology environment with the search results
- Including results from ontology-based (Swoogle) and non-ontology-based (Altavista) search engines
- Recognition and linking of objects that are similar in the ontology and in the search results



Navigation

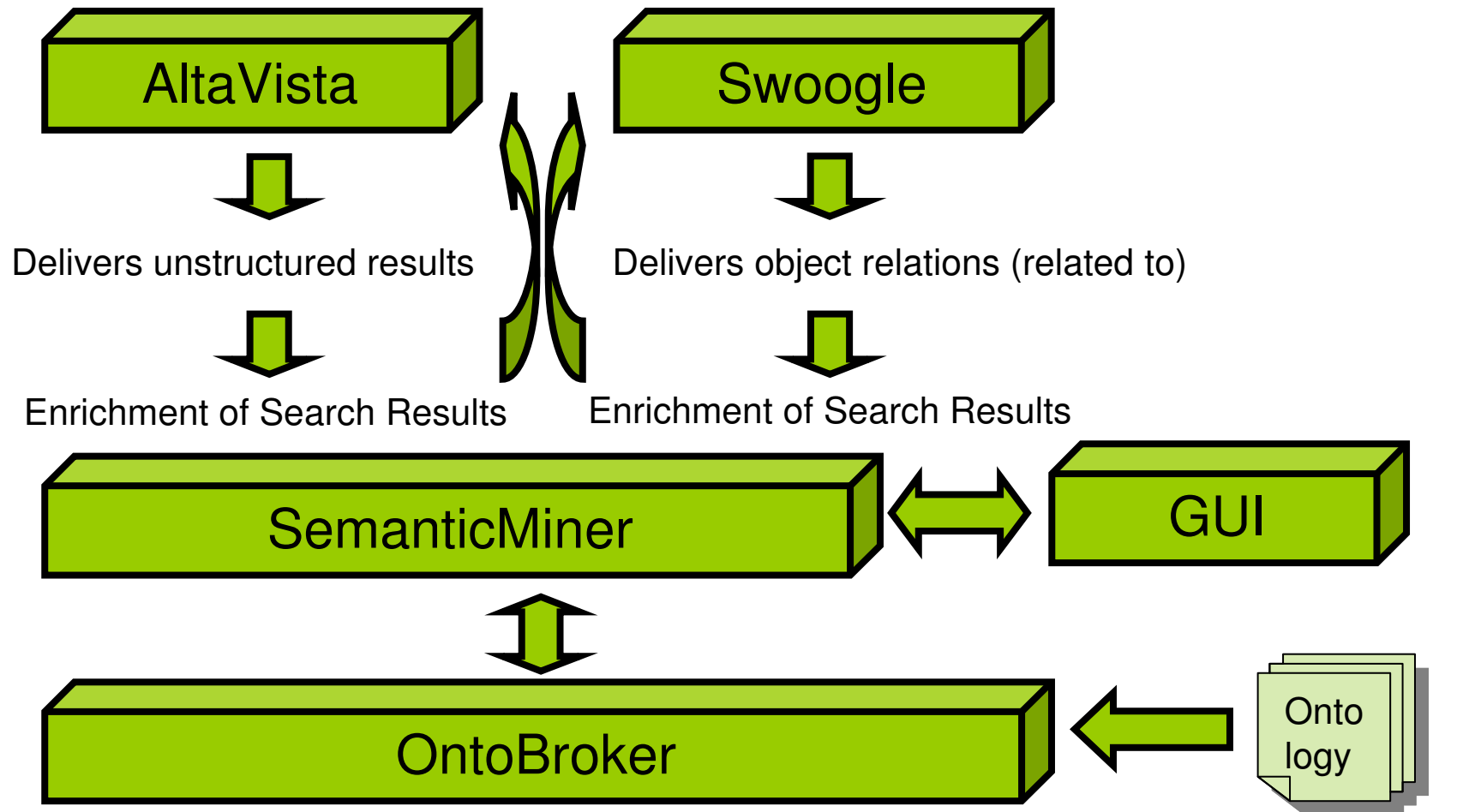
- Navigation starts with keyword-search via the ontology
- Generating a list of related:
 - concepts
 - taxonomic relations
 - relations
 - instances
- Navigation with the help of objects or links supplied by the search engines



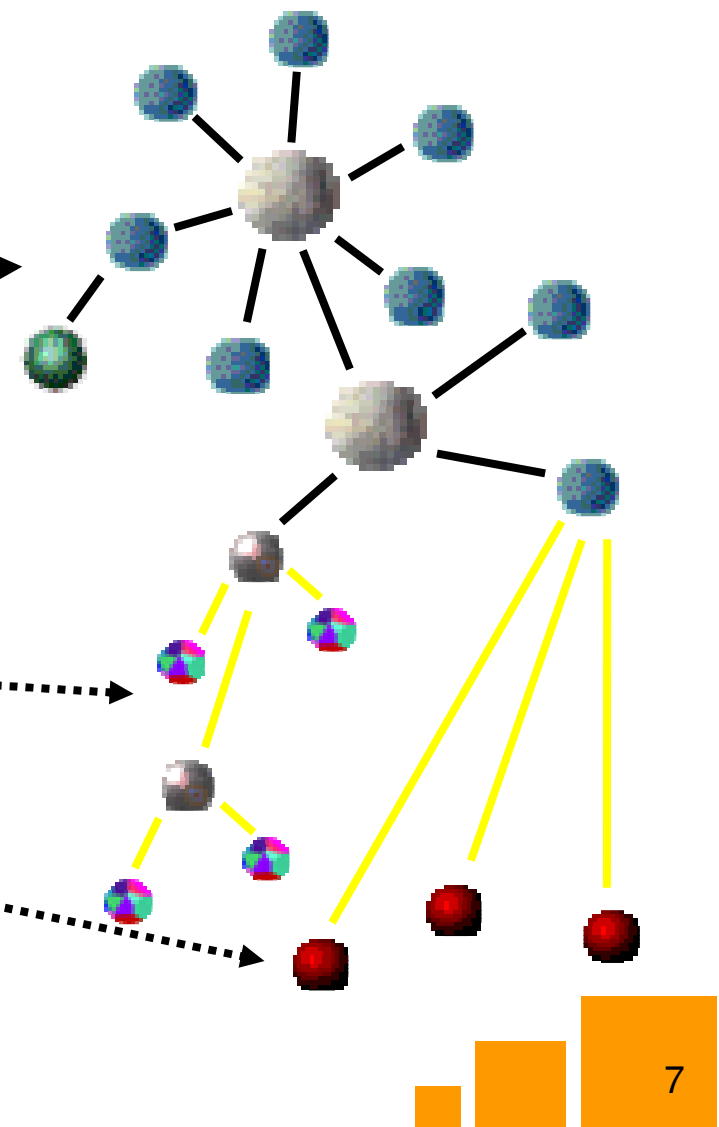
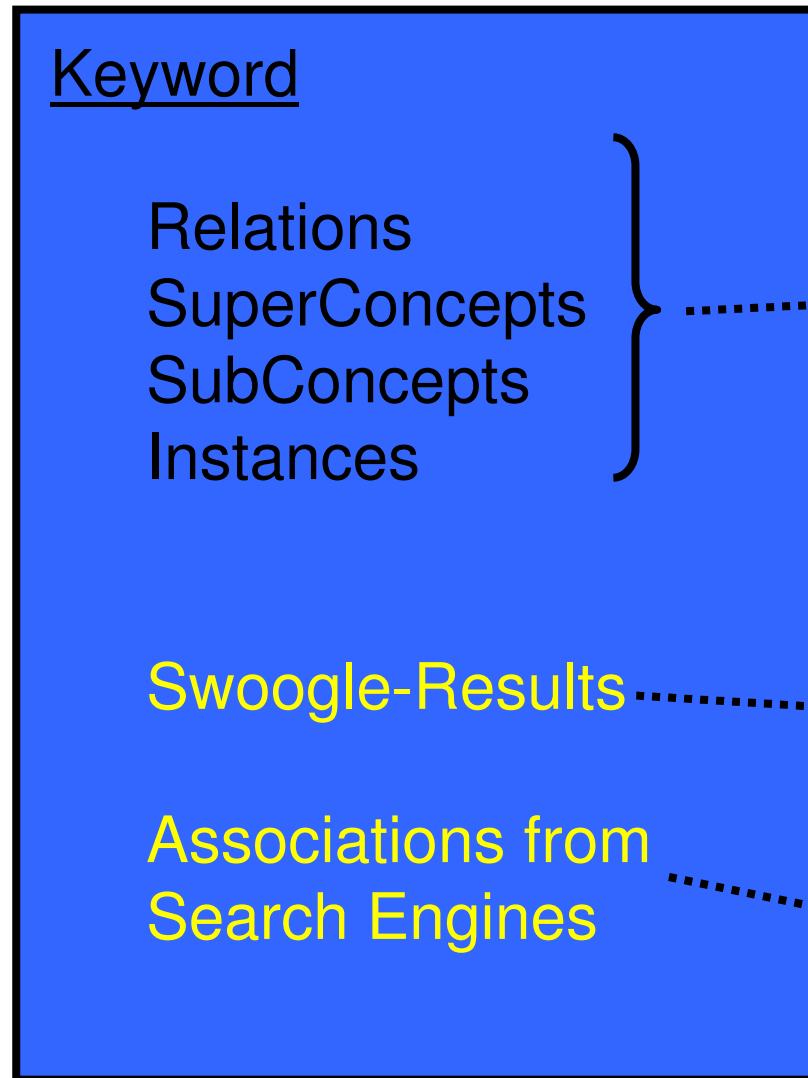
Locating

- Search in:
 - loaded locale ontologies
 - external ontologies
 - identify associations via AltaVista
 - external semantic objects via Swoogle

Architecture



GUI



THE SEMANTIC WEB IN ONE DAY

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Wishes / Outlook

- Enhancing graphical presentation of results
- Enhancing Connections:
 - Improve search requests for Swoogle
 - Address external ontologies directly



Summary

- Semantic Browsing
- Supplementation of classical browsing of ontologies with the results of search-machines and Swoogle
- Cool results

