

# A Brief Survey To Intelligent Semantic Web Search Engines

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# Outline

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- Intelligent Search Engines
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# Traditional Search Engines

- Search for keywords
- Vulnerable in answering intelligent queries

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# Concepts

- Resource Description Framework (RDF)
- Ontology
- Semantic Web Search

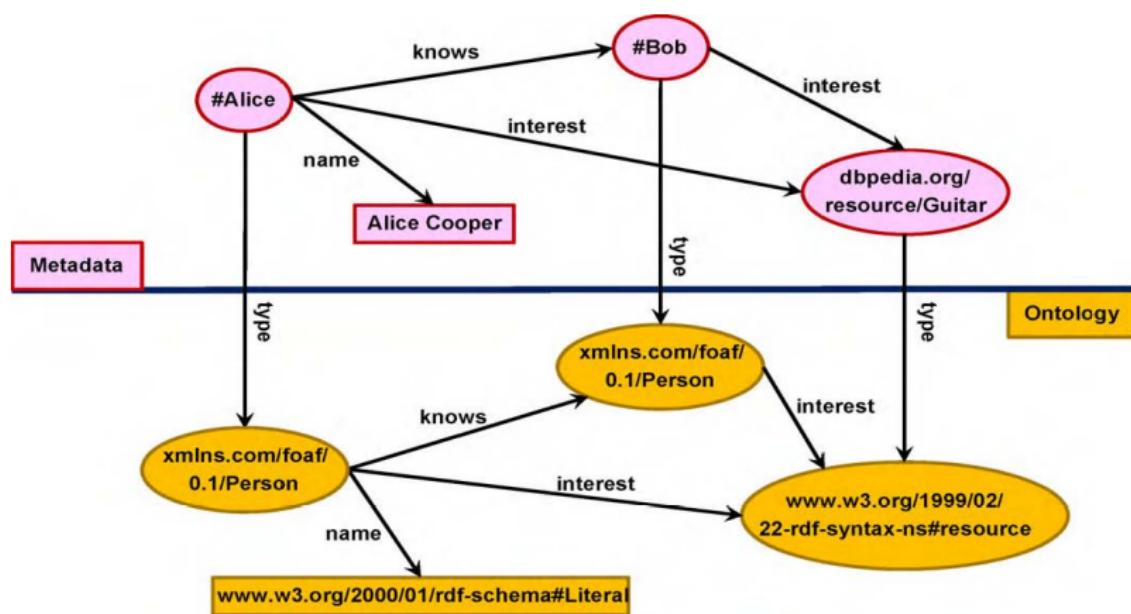
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# An Example of RDF



# Research Problems in Search Engines

- Lack of retrieving meaningful information
- Distributed results

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# An Example of Implemented Intelligent Search Engine

Agent based intelligent search engine system for web mining by Inamdar and Shinde

# Types of Semantic Search Engines

- Ontology search engines
- Semantic search engines

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# Some Common Issues

- Low precision and high recall
- Identity intention of the user
- Individual user patterns can be extrapolated to global users
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# Conclusions

The issues within the reviewed intelligent semantic search methods and engines are concluded based on these perspectives differentiations between designers and user's perceptions:

- Static knowledge structure
- Low precision and high recall
- Lack of experimental tests

# Main References

- G.Madhu and A.Govardhan, and T.V.Rajinikanth, Intelligent Semantic Web Search Engines: A Brief Survey, International journal of Web Semantic Technology, 2011.
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