

A Brief Survey To Intelligent Semantic Web 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

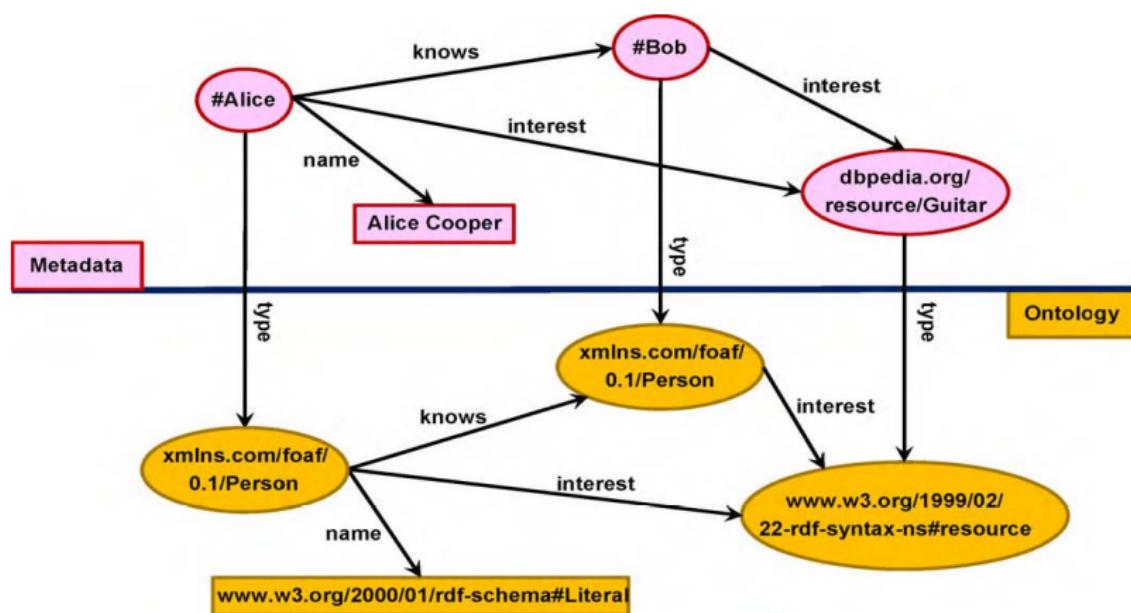
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An Example of RDF



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
- Inaccurate queries

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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

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