



## Action IC1302

### Semantic keyword-based search on structured data sources (KEYSTONE)

#### Datasets.

Which Open Data sets (e.g., [EU open-data.europa.eu/](http://EU.open-data.europa.eu/)) can be used to test keyword-based search methods? How can the results of KEYSTONE add value to those data sets?



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#### Access.

What are the problems associated with accessing data sets (e.g., copyrights, formats)? Why is the public sector different from the private sector?



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#### Query Methods.

Which methods are needed to query real time multilingual data streams? How can language understanding technologies and keyword-based query methods help non-expert users? Which Semantic Web technology can support this task?



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#### **Evaluation.**

How can technologies and keyword-based query methods working on the Semantic Web be evaluated using open data sets? How can their scalability, accuracy, and feasibility be established?



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#### **Benchmarks.**

What kind of benchmarking environments can be created to compare different keyword-based query methods?



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#### **Competitions.**

Which types of convincing competitions can be organized to foster and evaluate keyword-based query methods applied to open datasets from? Who would be involved? What type of tasks would the competition host?