

***LDBC***



Linked Data Benchmark Council

# Questionnaire

TUC meeting

Barcelona, 19-20 Nov.

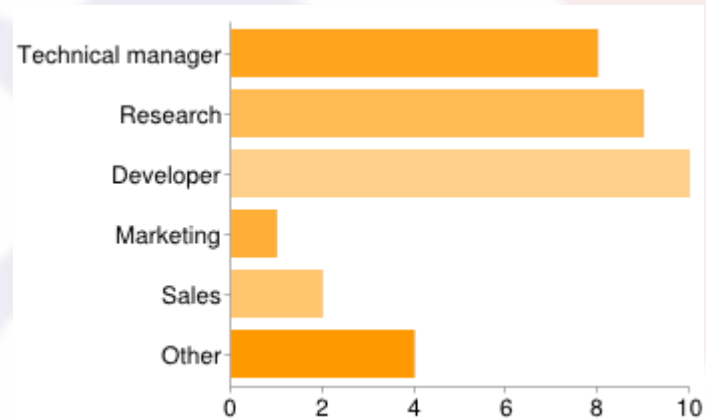
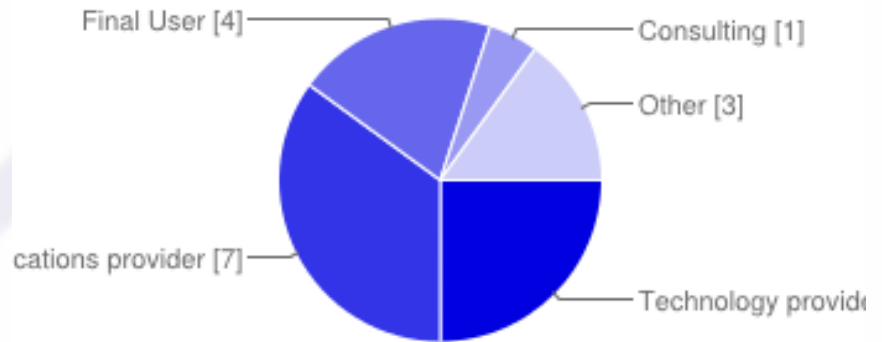
UPC

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# Who

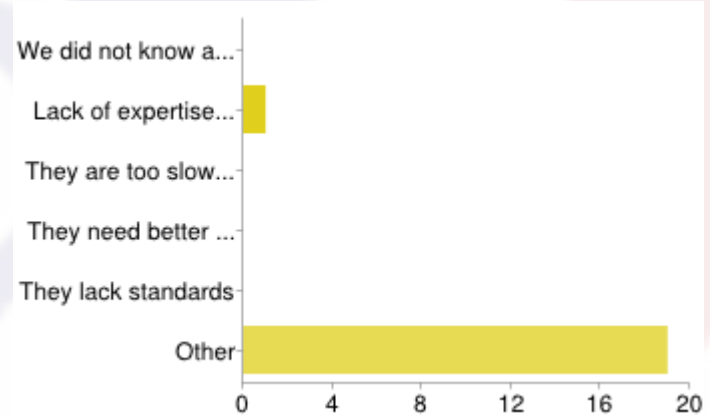
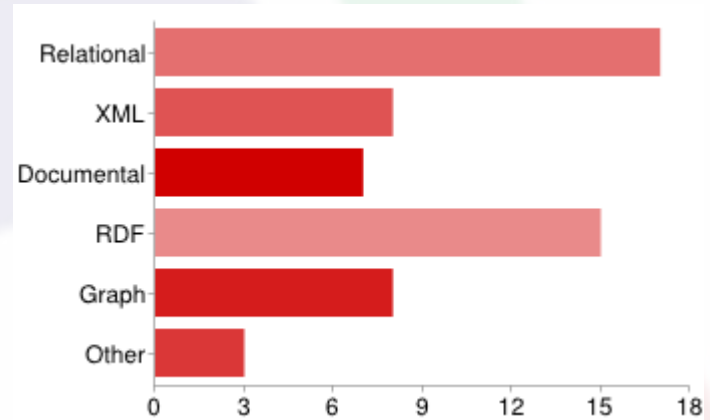
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- From different company activities
- With different responsibilities in the company



# Usage

- Database models?
- Why not using RDF/Graph technology?

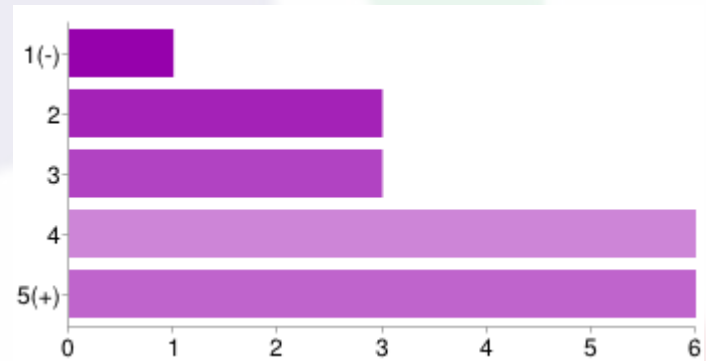


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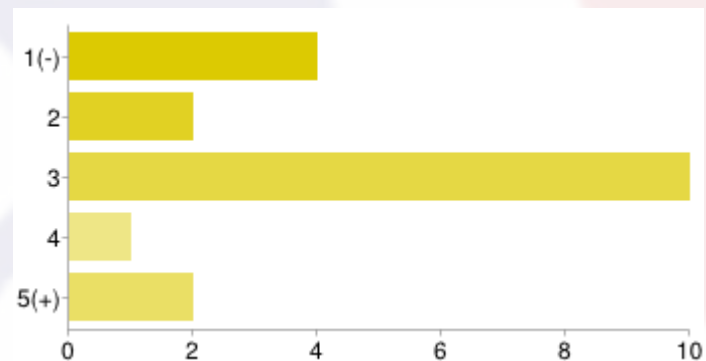
# Familiarity with RDF/GDBs

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- Familiarity with RDF?

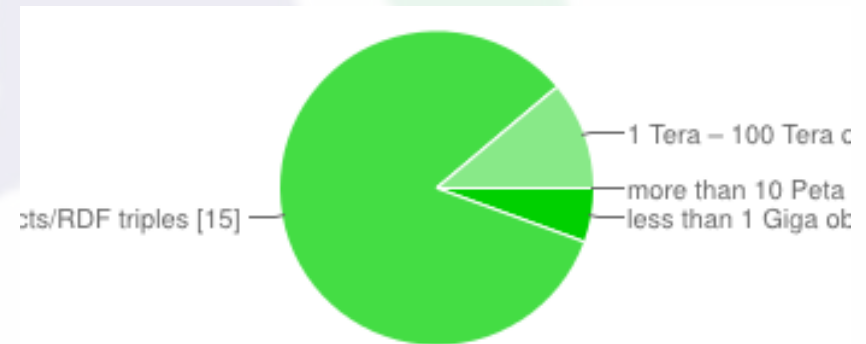


- Familiarity with GDB?

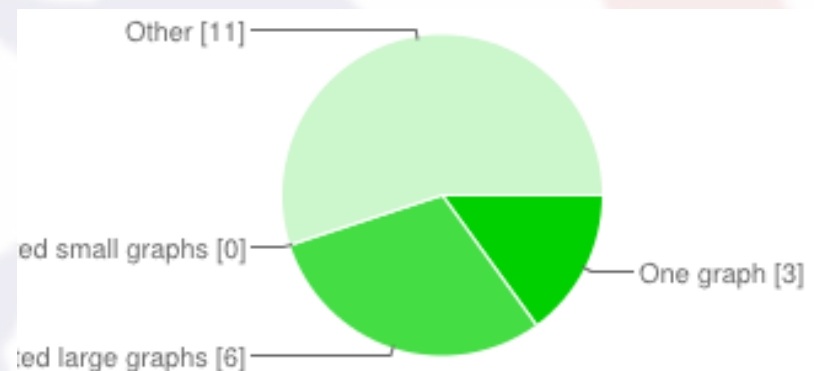


# Size of data sets

- Size of data sets?  
Majority of 1G-1T  
objects/RDF triples

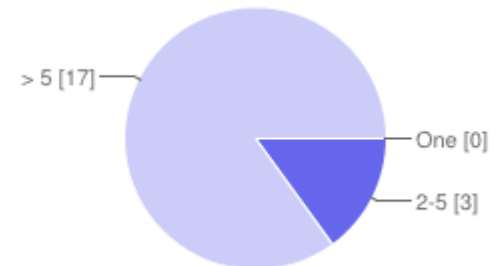
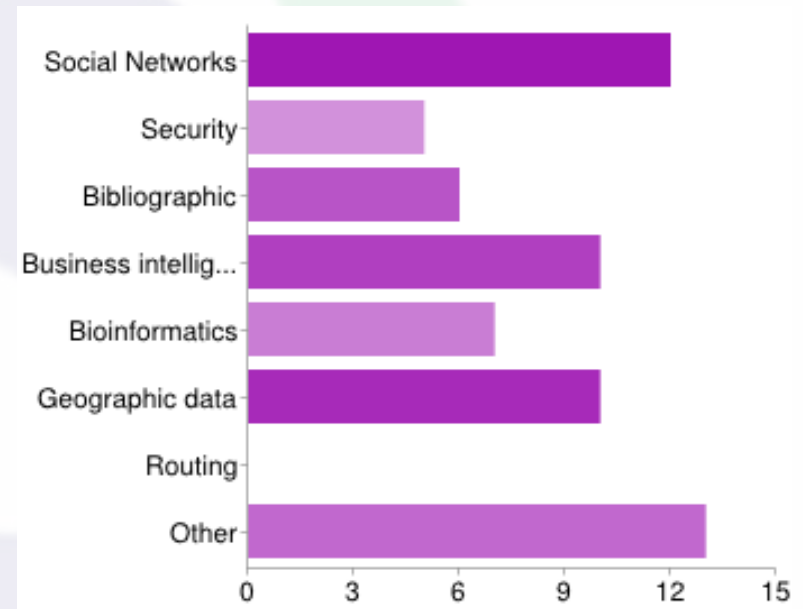


- Size and type of  
graphs for GDBs?



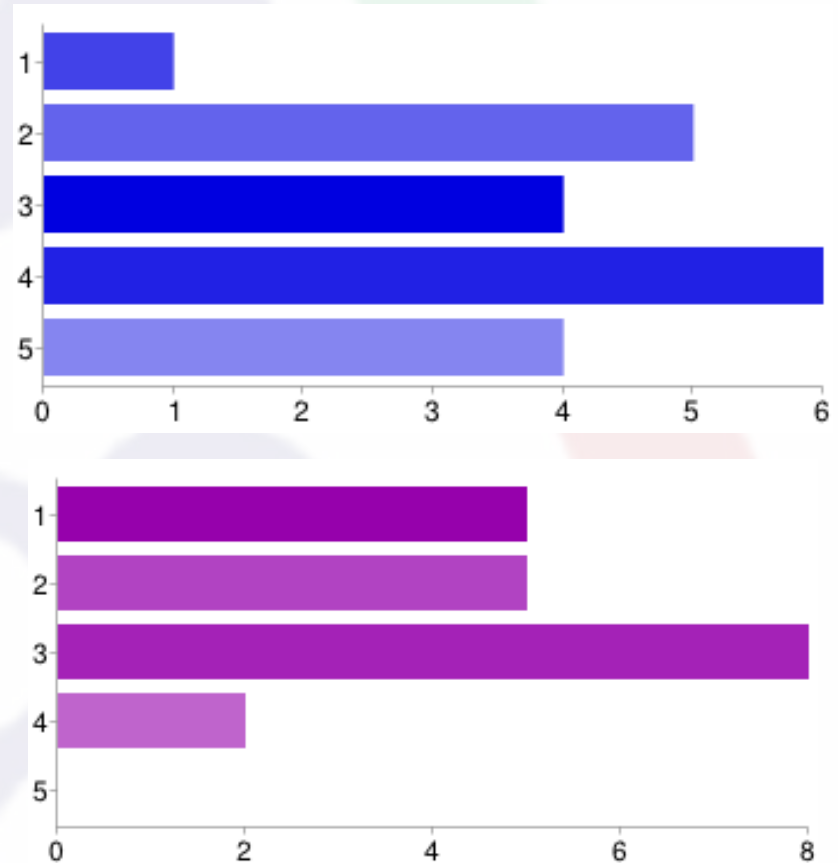
# Applications and sources

- Type of content accessed?
- Number of sources accessed?



# Transactional/ACID

- ACID capabilities?
- Application is analytical?

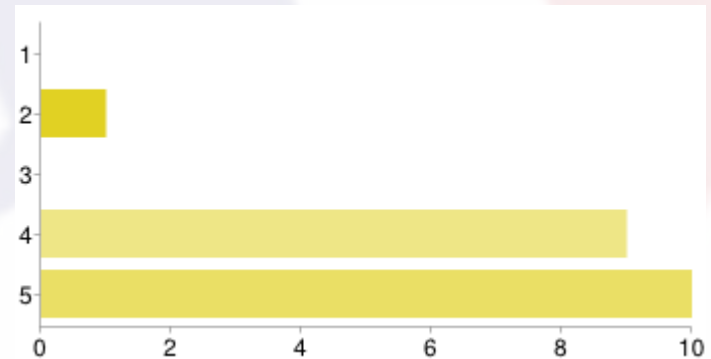
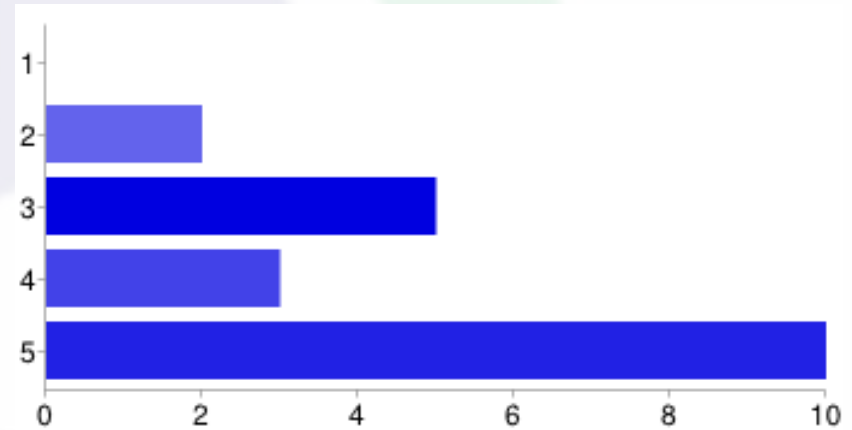


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# Generic for RDF/GDBs

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- High availability?
- Low latency/real time query processing?



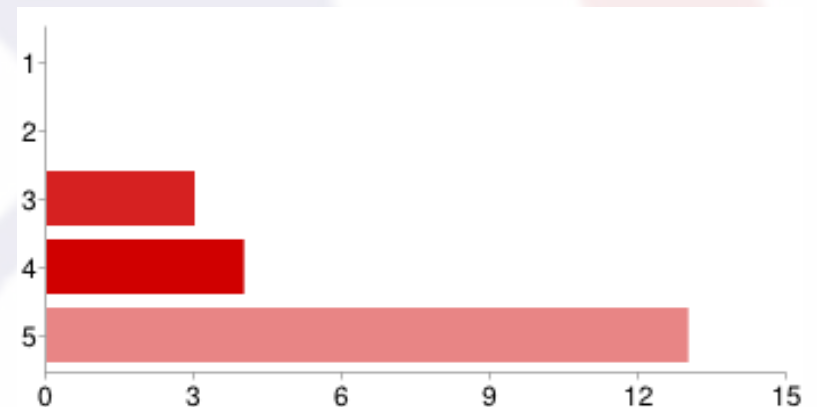
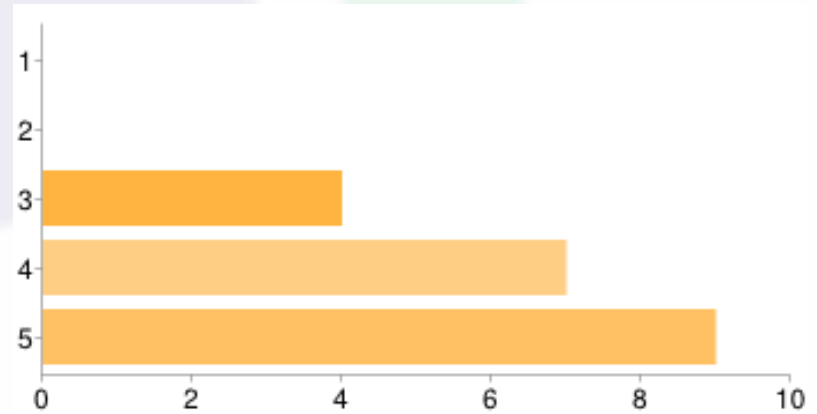


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# About the benchmarks

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- Benchmarks are fundamental to decide provider?
- The datasets can be modeled as a graph/RDF?

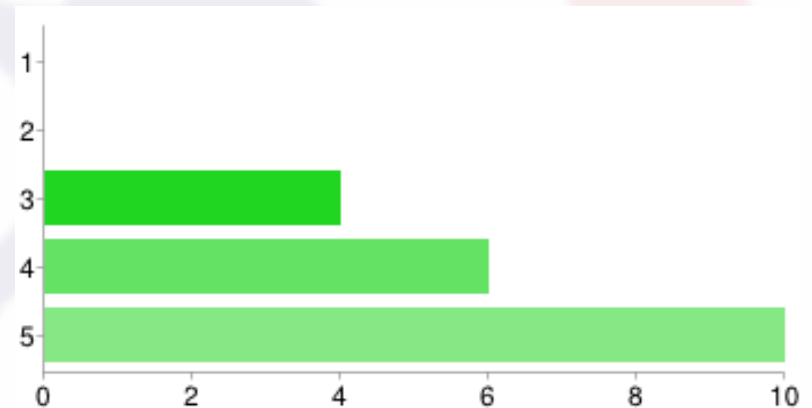
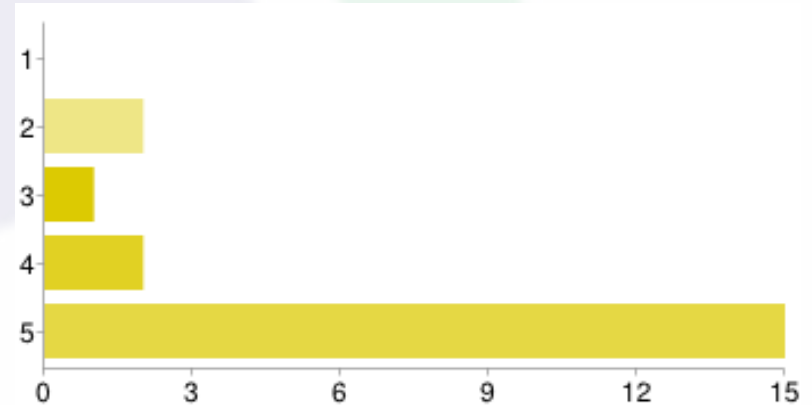


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# About the benchmarks

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- Benchmarks must have implementations in standardized query languages?
- Benchmarks should have queries and datasets similar to industrial needs?



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# Conclusions

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- Benchmarks:
  - ... are an industrial need!
  - Similar to industrial needs!!!
- Industry
  - Large variety of applications, tilted to social/BI/geographic
  - Mixture of transactional and analytical
  - Need for ACID capabilities