

Semantics and Complexity of RDF Stream Processing & Reasoning

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RDF Stream Processing Workshop

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FAKULTÄT
FÜR INFORMATIK

Faculty of Informatics



Research Areas

Our research focuses on foundations and formal aspects of knowledge-based systems and Artificial Intelligence, with emphasis on (but not restricted to):

- [Knowledge Representation and Reasoning](#)
- [Computational Logic and Complexity](#)
- [Declarative Problem Solving](#)
- [Intelligent Agents](#)
- [Mobile Robots](#)
- [Knowledge-Based Systems in Engineering](#)

Knowledge Representation and Reasoning

Representation of knowledge in a suitable form and methods for reasoning from a given knowledge base are at the core of any knowledge-based system. Our research deals with a

Research Interest Related to RSP



kbs 

*Knowledge-Based
Systems Group*

staff

education research contact services

[kbs](#) > [research](#) > [projects](#) > [dhsr](#) >

[Drucken](#)

Distributed Heterogeneous Stream Reasoning

supported by the Austrian Science Funds ([FWF](#) ) under project number P26471.

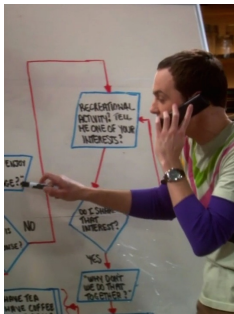
<http://www.kr.tuwien.ac.at/research/projects/dhsr/>

Project's Goals

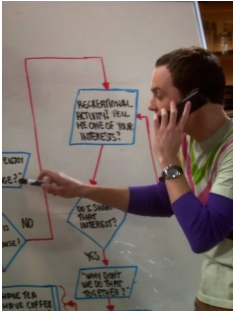
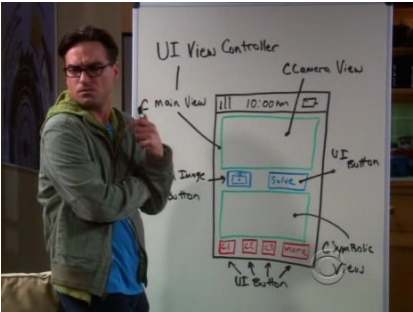
Project's Goals



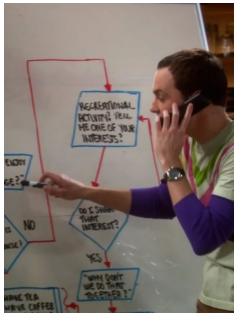
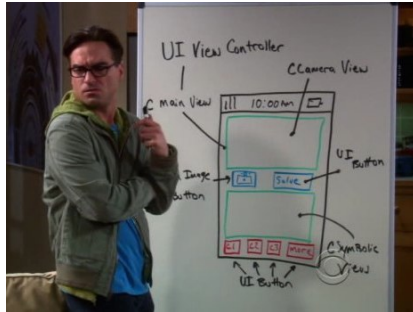
Project's Goals



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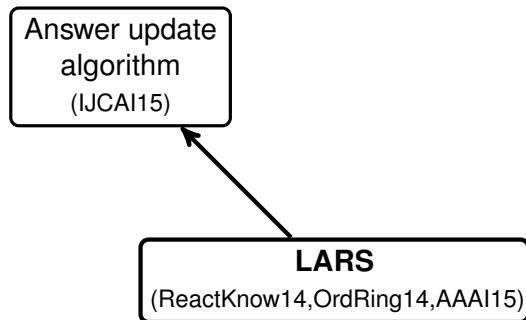
Progress and Outlook

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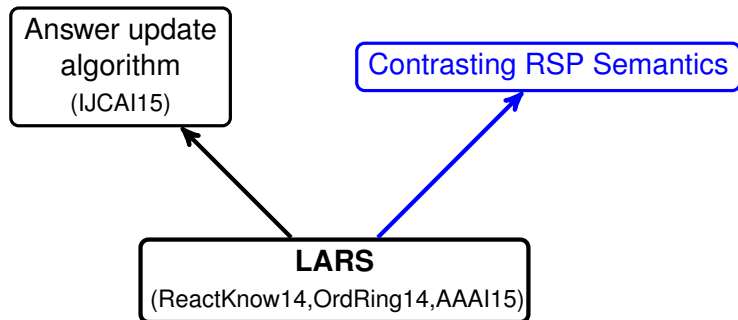
LARS

(ReactKnow14,OrdRing14,AAAI15)

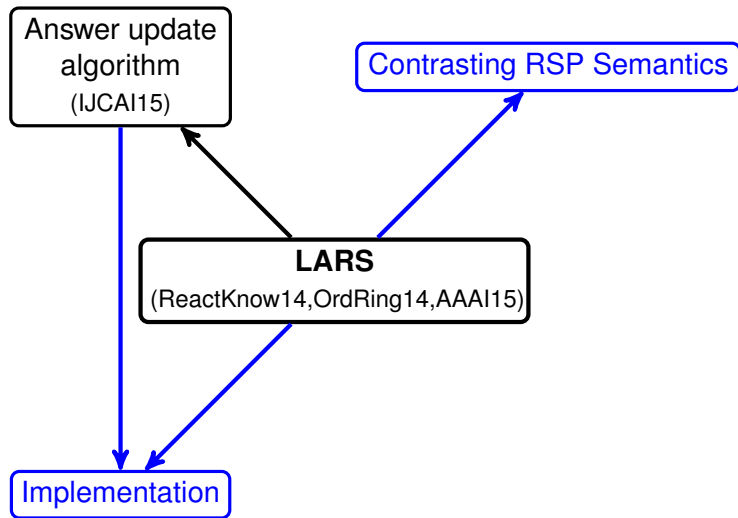
Progress and Outlook



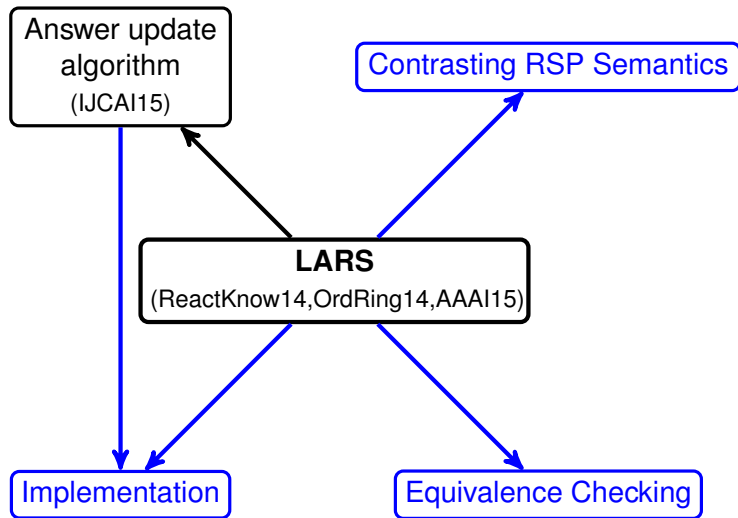
Progress and Outlook



Progress and Outlook



Progress and Outlook



Progress and Outlook

