WDAqua

Answering Questions using Web Data
a Marie Skłodowska-Curie Innovative Training Network (ITN)

**Overview**
Sharing, connecting, analysing and understanding data on the Web can provide better services to citizens, communities and the industry. One way to achieve this is through data-driven question answering, by delivering precise and comprehensive answers to natural language questions, primarily by making better use of the knowledge encoded in the Web of Data. The aim of the WDAqua project is to advance the state of the art in this field by interleaving training, research and innovation.

**Goals**
- Provides a training programme for young data scientists
- Addresses challenges related to the whole Question Answering pipeline
- Develops an open source framework and ecosystem for Question Answering components

**How to interact**
- Hold lectures and tutorial in our training events
- Integrate Question Answering components and datasets to the WDAqua architecture
- Contribute Question Answering use cases

**Topics**
- **AI and NLP approaches for QA**
  - Spoken question recognition and interpretation
  - AI techniques for NLP
  - Knowledge-driven techniques for NLP
- **Human-data interaction**
  - Interactive interlingual QA
  - UIs for QA systems
- **Dataset discovery**
  - Collaborative knowledge bases
  - Trust and provenance of Linked Data
  - Quality driven dataset discovery and retrieval
- **Data management**
  - Integration and cleaning of Linked Data for QA
  - Query processing techniques for the Web of Data
  - Quality driven dataset discovery and retrieval

**Architecture**

**Contact**
- @WDAqua
- www.wdaqua.eu
- github.com/WDAqua

**Consortium**
- Universität Bonn
- University of Southampton
- National and Kapodistrian University of Athens
- Fraunhofer IAIS
- DIDI

**Industrial Partners**
- Antidot
- Wolters Kluwer
- Mercateo
- Data Publica
- Wikimedia Deutschland
- ATC

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