

ADEQUATe

Workshop @opendata.ch, Lausanne

WHAT: Workshop on Quality Assessment and Improvements on Open Data (Portals)

WHEN: opendata.ch conference, 14.6.2016, ~12.45 - 14:00pm Cest

WHERE: opendata.ch, Lausanne, Casino de Montbenon, Allée Ernest-Ansermet 3

DURATION: 1 hour - 1h 15' (max)

Remark: this workshop is accomplished in English language.

ADEQUATe Open Data: Analytics & Data Enrichment to improve the QUALiTy of Open Data builds on two observations: An increasing amount of Open Data becomes available as an important resource for emerging businesses and furtheron the integration of such open, freely re-usable data sources into organisations' data warehouse and data management systems is seen as a key success factor for competitive advantages in a data-driven economy.

The project now identifies crucial issues which have to be tackled to fully exploit the value of open data and the efficient integration with other data sources:

- the overall quality issues with meta data and the data itself
- the lack of interoperability between data sources

The ADEQUATe project works with a combination of data and community driven approaches to address the above mentioned challenges. This include 1) the continuously assessment of Data Quality of Open Data Portals based on a comprehensive list of quality metrics, 2) the application of a set of (semi)-automatic algorithms in combination with crowdsourcing approaches to improve identified quality issues and 3) the use of Semantic Web Technologies to transform legacy Open Data sources (mainly common text formats) into Linked Data.

So the project intends to research and develop novel automated and community-drivendata quality improvement techniques and then integrate pilot implementations into existing Open Data portals (data.gv.at and opendataportal.at). Furtheron a quality assessment &

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monitoring framework will evaluate and demonstrate the impact of the ADEQUATe solutions for the above mentioned business case.

Workshop Team (in alphabetic order):

Johann Höchtl, Danube University Krems

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Martin Kaltenböck, Managing Partner & CFO [Semantic Web Company](#)

Short CV: <https://www.linkedin.com/in/martinkaltenboeck>

Jürgen Umbrich, University of Economics Vienna

Short CV: <https://www.wu.ac.at/en/infobiz/team/umbrich/>

AGENDA

| Time | Session | Remarks |
|---------------------|---|---|
| 20' incl q&a | Welcome & Introduction <ul style="list-style-type: none">• WS Objectives• Agenda & WS Team• Participants• The ADEQUATe project (basics, objectives, status & outlook) | Martin Kaltenböck (SWC) Depending on nr of participants we will make round of introduction or just small 'audience clustering' |
| 20' incl q&a | Results of Requirements Elicitation and DQ Metrics. <ul style="list-style-type: none">• What are the most "important" ones? | Johann Höchtl (DUK) |
| 20' incl q&a | Best Practise & the ADEQUATe OD Framework <ul style="list-style-type: none">• Data & CSV on the web working group recommendations (W3C)• AD Framework: architecture & components | Owner: Jürgen |
| 15' open discussion | Interactive & open discussion on DQ issues: <ul style="list-style-type: none">• Requirements for DQ in Open Data• What is in place or planned for DQ | Depending of WS duration & timing Moderated by the WS Team |

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Results as well as all material and slides will be published on the project website:
<http://www.adequate.at> ~1 week after the workshop.