

27. 3. 2014

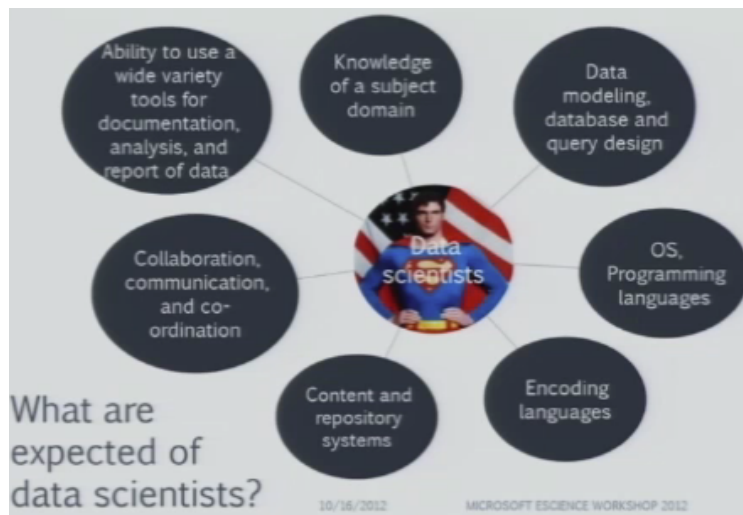
3<sup>rd</sup> RDA (Research Data Alliance) Plenary Meeting Dublin

Keynote by **Tony Hey** (Vice President of Microsoft Research Connections)

- video recording <http://media.heanet.ie/page/41aa54c58c78489cb5eed55183cafcf0>

- data without metadata is useless - how true
- what can natural sciences learn from the social sciences? Data documentation and Metadata!
- the big question of what data you should preserve hard questions - and we can only find out we were wrong
- interesting discussion about Open Source vs. Commercial solutions - we agree on the need for sustainability
- scientists need help from computer scientists & librarians to fulfill data scientist roles. Can't do it all by themselves, have to use extenders.

Data scientists have to be experts in many fields!



## **WG Publishing Data Bibliometrics**

### **Good and practicable bibliometrics are fundamental for establishing data publishing.**

Bibliometrics are quantitative measures to assess and measure impact and quality of research and researchers, by tracking and recording access and citation of scientific publication.

They inform and influence the advancement of academic careers.

Bibliometrics WG goals: evaluate possible approaches (survey); develop recommendations.

Data citation: no standard practices, very diverse at present - difficult to realize bibliometric approach to research data.

The case statement should be reworked to address the overlap with work already undertaken in support of the CODATA report.

Membership: The initial membership consists of individuals with appropriate expertise from the right kinds of organizations. It's largely based in the US and Europe and could benefit from the addition of members from Australia. The WG may also wish to engage more representation from the other countries.

Feedback from RDA - TAB suggests drawing in altmetrics community - already done as they've recently joined.

Current members:

Wiley-Blackwell

DataCite

Uni Bielefeld

Elsevier

Pensoft Publishers

Scopus

DNAdigest.org

Evaluation of possible approaches (as a survey) - working with workflows and costs WGs from the publishing IG.

The plan is to have results of the planned survey available within CODATA reports.

Ref to CODATA report "Out of Cite Out of Mind" which covers part of Bibliometrics WG case statement <http://www.cni.org/news/out-of-cite-out-of-mind-report-on-data-citation/>

Bibliometrics should be used as discovery tool as well as for evaluation purposes.

Audiences:

Repositories

Researchers

Funders

Publishers

Businesses (as consumer of the data)

Data creators

Data users

Institutions (universities, tenure and promotion committees)

Professional bodies

As next step - work on future survey.

Wordsmithing is needed, so different audiences understand!

First version of survey will be sent to the interest group.

## **WG Publishing Data Services**

Chair: Hylke Koers from Elsevier

We have to remove from bilateral arrangements (publisher do have more agreements with different data centers) to one-to-all service model infrastructure for the research data

Primary focus: One-for-all, Article-Data cross-referencing service.

Key use cases:

Researcher wants to find article and also data that are relevant for them:

“Search mode”

“Browsing mode”

Researchers sharing data want greater visibility and acknowledgement for their work.

Data centers wants to stay aware of how their data is used in the literature.

Publishers and data centers want to offer additional services.

Funders and research institutes want to get more insight.

Science wants to be more connected.

Deliverables: Cross-referencing service

Members:

Similar to members of WG Bibliometrics

It's possible to link data to ORCID profile!