Summary of Berlin Industry Side Meeting

Peter Wittenburg

Max Planck Society, Max Planck Computing & Data Facility

RDA

Field Dynamics and Convergence

> Abdel Labby: The Universe of data is chaning rapidly – fast than we can build tools

> enormous proliferation of tools, formats, platforms with short innovation cycles

> for customers difficult to decide, continuous import/export and interoperability problems

> for IT companies huge costs due to integration and adaptors

> in science now clear move towards DO based infrastructures as a result of bottom-up process in identifying components

> some industry build Ref. Architectures identifying components

> some industry rely on frameworks/platforms

> traditional standardization too slow, but convergence is a MUST

Data Economy/Market & Regulations

› in science clear intention to create a bazar like situation

› in some areas huge roadblocks due to legislation & regulations

› industry prefers bilateral relations, platforms, etc.

› bazar requires explicitness (rules, identification, metadata, etc.)

› many in industry are simply anxious to share/trade data

› lack in data literacy is a hampering issue

› for SME/Startups lack of bazar is not optimal – many are excluded, lots of opportunities are missed

› missing bazar hampers innovation

› ownership to be clarified

› GDPR is a good first step – need to see what it implies

Reference Architectures & Components

> it's all about saving investments

> in science flavours of data infrastructures – many solutions
>> reduction of the number of components (much overlap and waste of money)
>> bottom-up processes to be agile

> in some industry reference architectures
>> overview of the domain from different perspectives
>> slow processes and not per se agile
>> components by stepwise refinement

> in some industry comprehensive frameworks/platforms
>> pragmatic approach - customer requesting support of many tools
>> find a core architecture and develop/maintain adaptors

> common is the identification & specification of components

> should have a cross-sector platform

DOs and PIDs are reality in some sectors

RDA Global

Email - enquiries@rd-alliance.org

Web - www.rd-alliance.org

Twitter - @resdatall

LinkedIn - www.linkedin.com/in/ResearchDataAlliance

Slideshare - http://www.slideshare.net/ResearchDataAlliance

peter.wittenburg@mpcdf.mpg.de