



RDA Outputs

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research data sharing without barriers
rd-alliance.org



RDA Working Groups

- ***Form the Foundation for RDA Community Impact!***
- ***Working Groups envisioned as accelerants to data sharing practice and infrastructure in the short-term*** with the overarching goal of advancing global data-driven discovery and innovation
- RDA Working Group profile:
 - *Short-term: 12-18 months*
 - *Focused efforts with specific actions adopted by specific communities*
 - *International participation*
 - *Open, voluntary, consensus-driven*
 - *Complementary to effective efforts elsewhere*

Potential outcomes / deliverables:

- New data standards or harmonization of existing standards.
- Greater data sharing, exchange, interoperability, usability and re-usability.
- Greater discoverability of research data sets.
- Better management, stewardship, and preservation of research data.

RDA Interest Groups

- An **Interest Group** (IGs) can be established prior to a Working Group for community discussion of issues and areas that facilitate data-driven research.
- IGs are longer-term groups defining common issues and interests.
- WGs and IGs are collaborating intensively with groups in comparable initiatives such as IETF, CODATA, WDS, W3C.
- Possible functions
 - Create new WGs
 - Communication/Coordination
 - Domains
 - Themes
 - External pariets (WDS, CODATA, etc.)



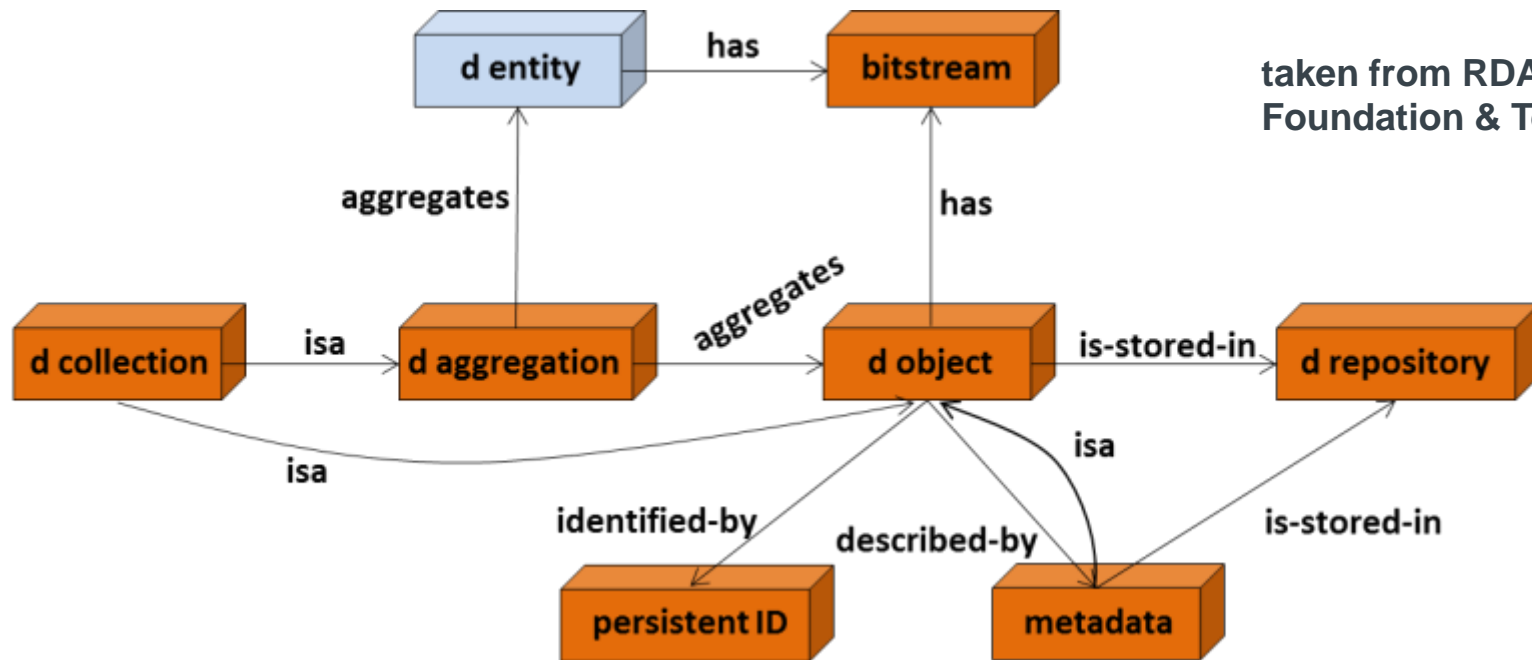
First outputs available

- More each Plenary
- Widening adoption
- Impact

But Today ... Adoption!

- We have new adopters
 - Discuss their experiences
- Focus on the outputs they are adopting

RDA Results I: common data model

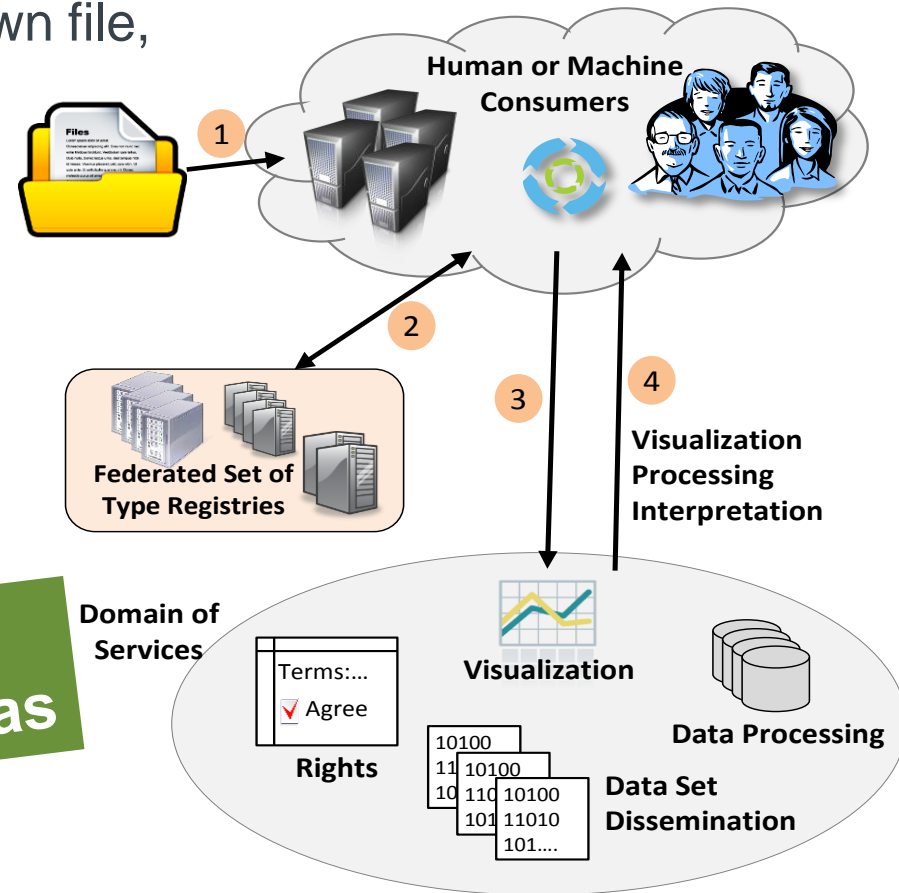


taken from RDA WG Data Foundation & Terminology

- PIDs at the beginning of trust chain
- need a worldwide, independent and robust PID system worldwide
- metadata are essential in anonymous data world

RDA Results II: Data Type Registry

- result: a **registry for data types**
- **simple example**: you get an unknown file, pull it on DTR and content is being visualized
- DTR can also be used to describe and re-use semantic content
- **no free lunch**: someone needs to register and define type
- **PIT Demo already working with DTR**

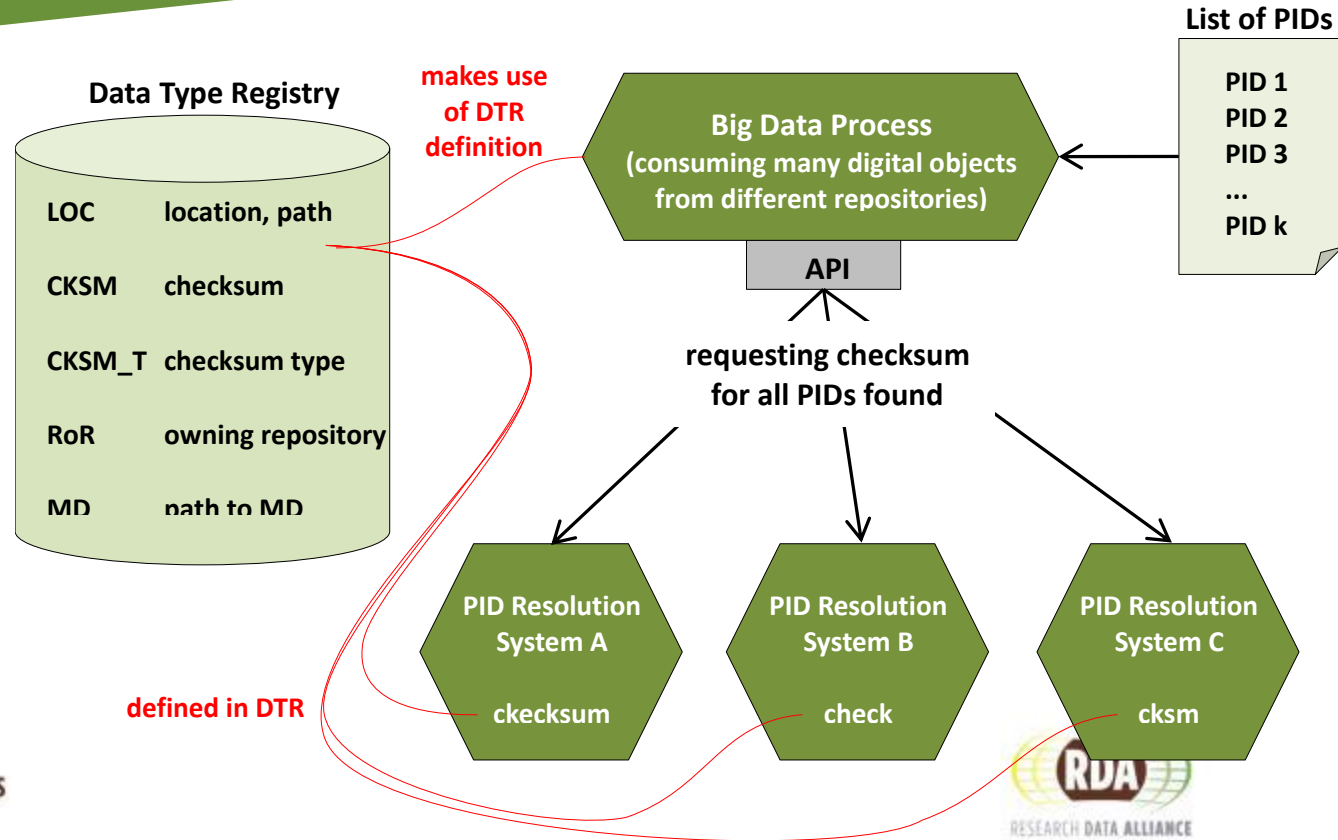


NIST is already working with communities on fargoning ideas

RDA Results III: PID Information Types

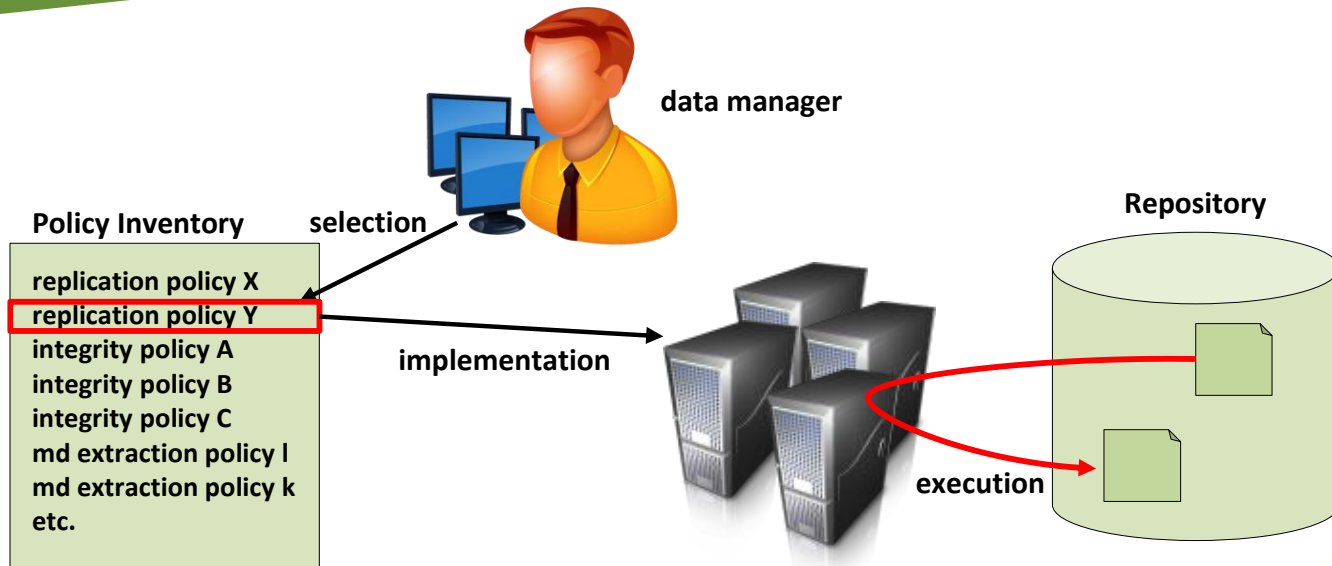
- result: a generic API and a set of basic attributes
- a PID Record is like a Passport (M)
- if all ... language
- working with PIDs and service providers much easier
- worldwide interoperability will become easy

in operation together with DTR



RDA Results IV: Practical Policies

- due to unforeseen circumstances need until R5
- Practical Policies
- huge simplification for data stewards
- finally feasible quality checks and certification
- huge step in trust improvement
- one cornerstone towards reproducible data



- Gave short overview of outputs
- New outputs described tomorrow
- Now ... Adopters experiences