EUDAT RDA Output Adoption

Paris Plenary 6

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www.eudat.eu

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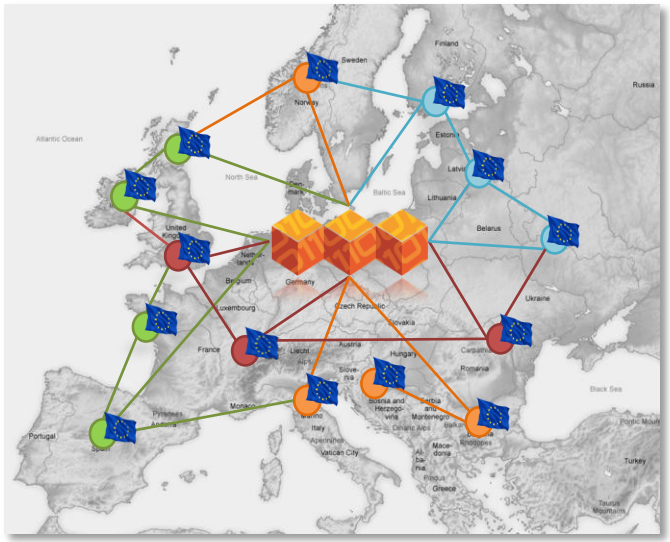
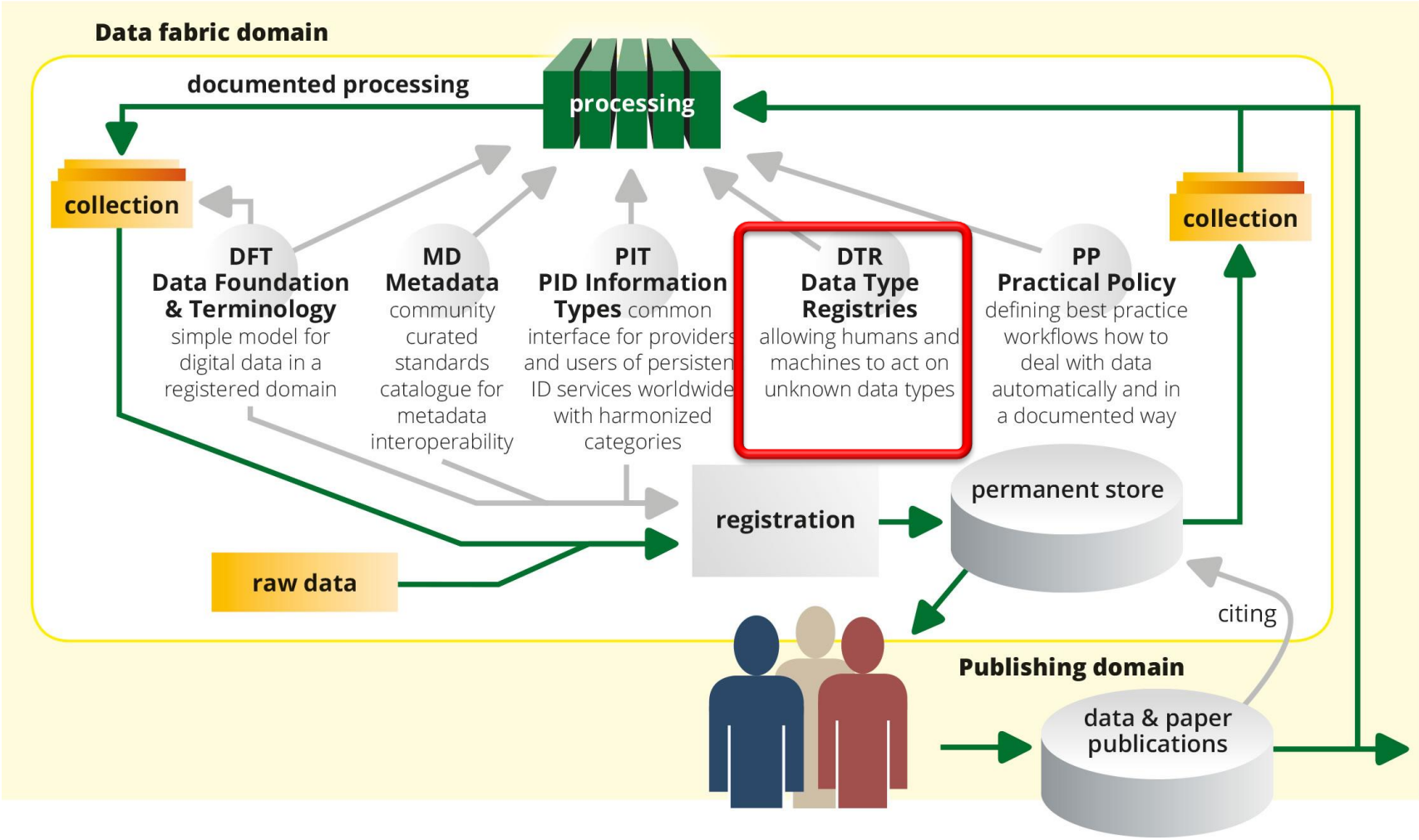
EUDAT is …

- a pan-European initiative building a sustainable **cross-disciplinary** and **cross-national** data infrastructure providing a set of shared services for accessing and preserving research data

- supporting **multiple research communities** by working closely with them to deliver these technical services as part of the EUDAT Collaborative Data Infrastructure (CDI)



EUDAT & RDA


Data fabric domain
documented processing
processing
collection
collection
DFT
Data Foundation & Terminology
simple model for digital data in a registered domain
MD
Metadata
community curated standards catalogue for metadata interoperability
PIT
PID Information Types common interface for providers and users of persistent ID services worldwide with harmonized categories
DTR
Data Type Registries
allowing humans and machines to act on unknown data types
PP
Practical Policy
defining best practice workflows how to deal with data automatically and in a documented way
registration
permanent store
raw data
citing
Publishing domain
data & paper publications

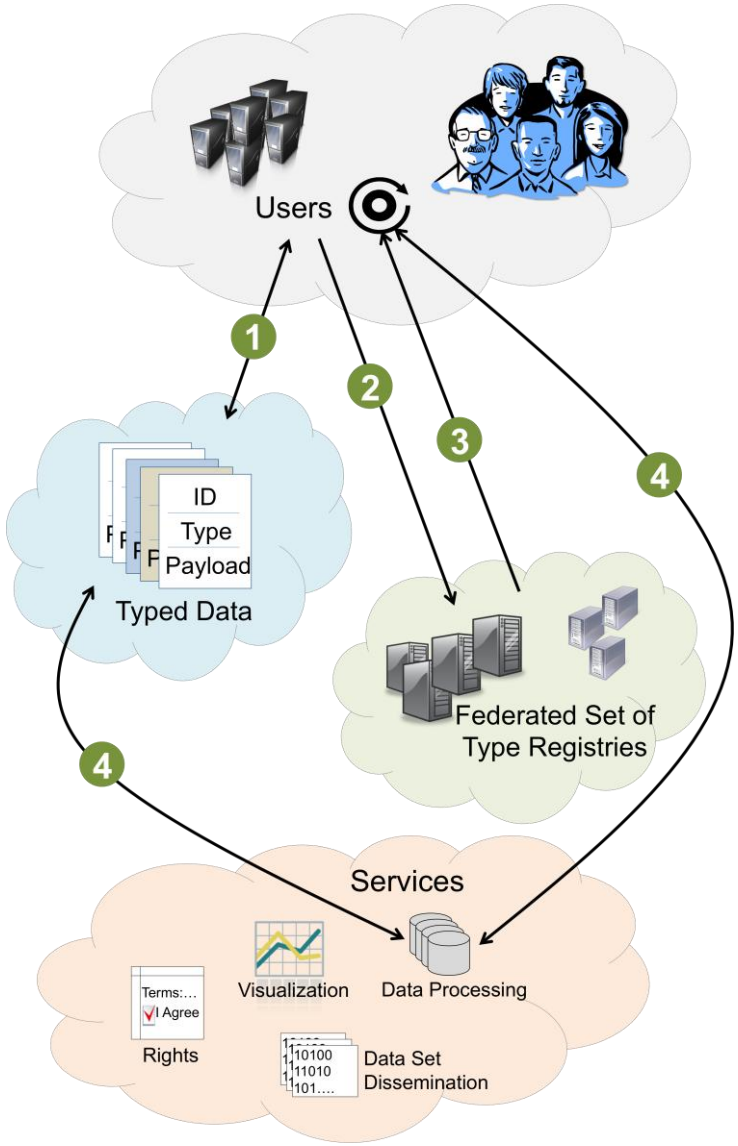
Data Type Registry

Data Types are:

- Characterizations of data at any level of granularity
- Identified, defined, and registered

Registered Data Types are used for:

- Interpreting data (by humans)
- Processing data (by machines)



Data Type Registry

- EUDAT recently approved the DTR prototype as solid & usable software
  - Since EUDAT will support different community metadata schema
  - Use the DTR for metadata resource types
  - Linking specific processing to metadata in an easy configurable way
- Part of EUDAT consultancy and service provisioning a DTR instance also for the community use
  - *EUDAT can only suggest, and offer ... not require*
  - We can broker collaboration between communities

EUDAT Client Communities

- CLARIN – the linguistics RI
  - Investigating the use of the DTR for the Language Resource Switchboard
  - Linking Language Resource types to services
- ICOS – Greenhouse gasses RI
  - Define community specific data types