



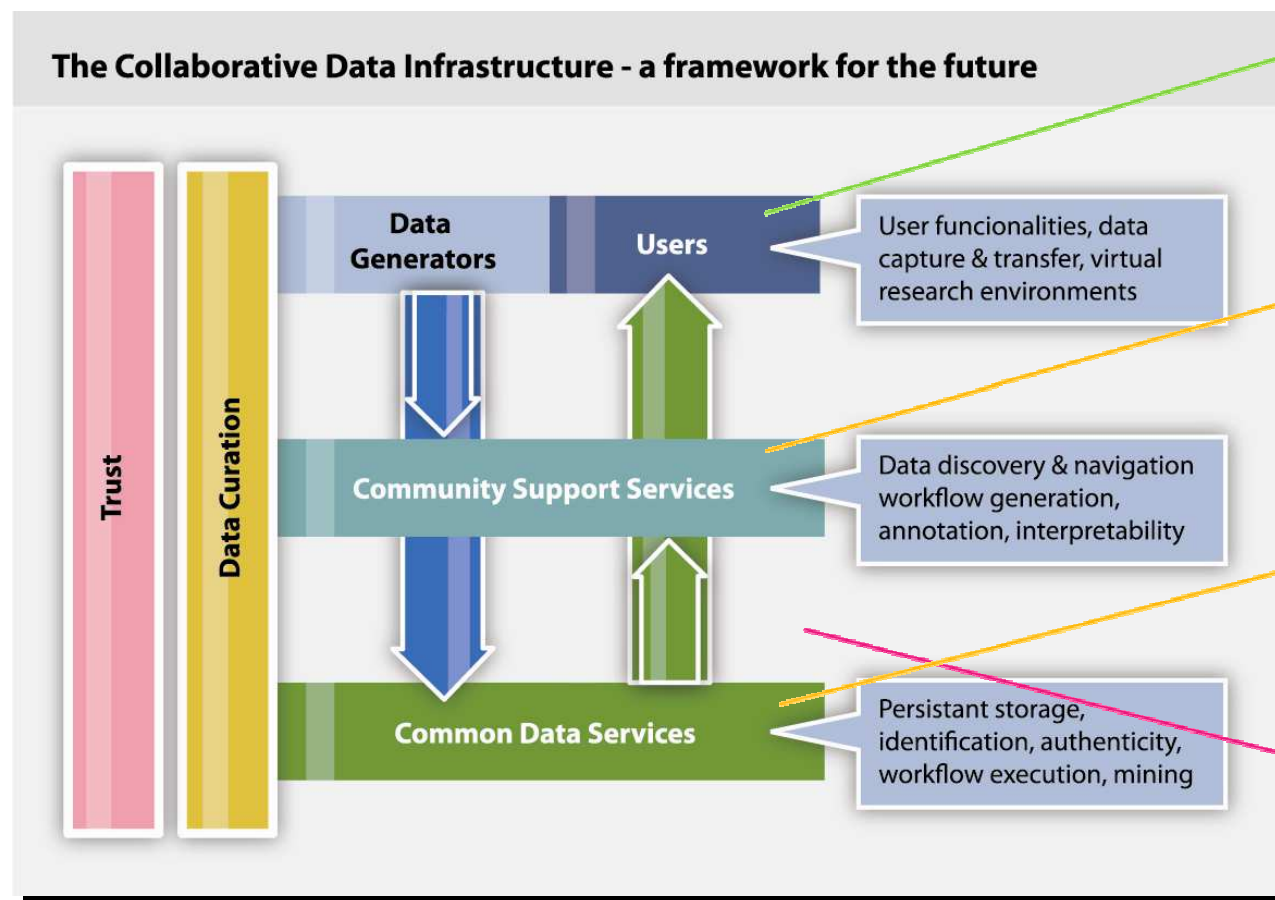
# Joint EUDAT Metadata Domain

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First EUDAT User Forum, Barcelona



Date: March 7<sup>th</sup>, 2012

# Collaborative Data Infrastructure



so many researchers from different disciplines and with different interests

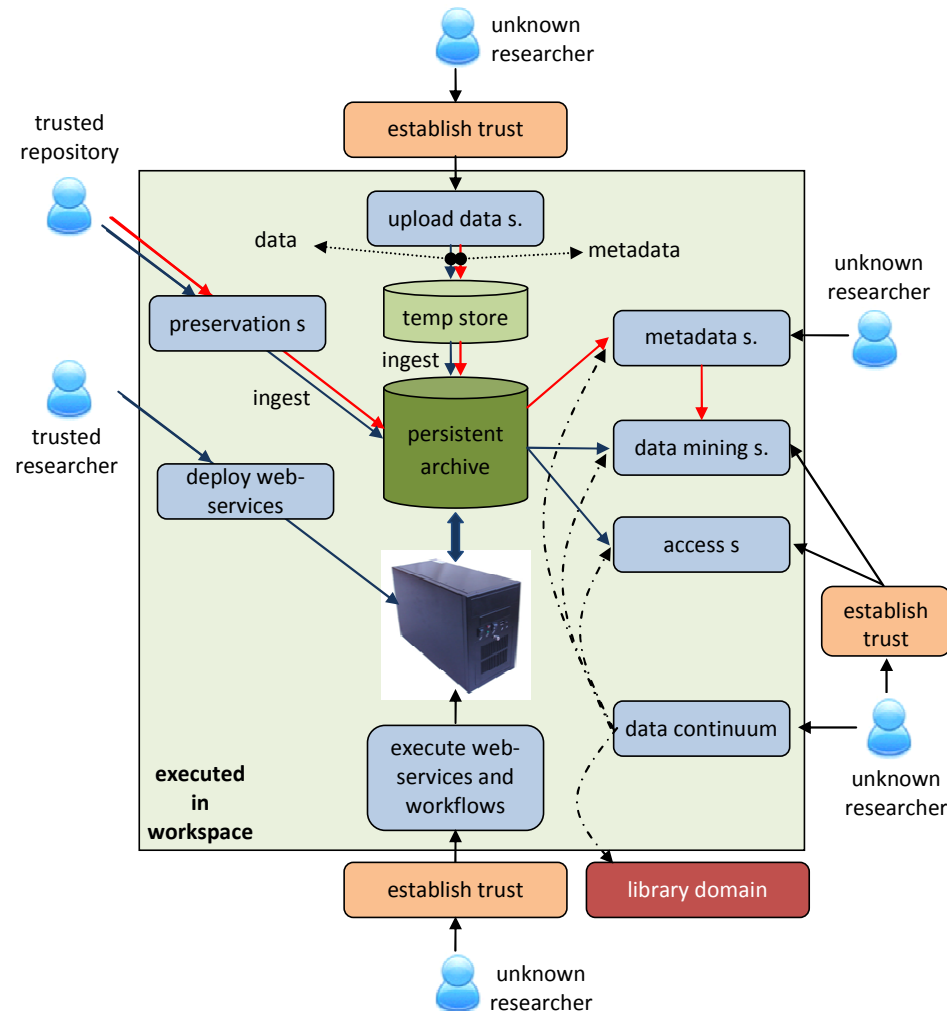
CLARIN, CESSDA, DARIAH, LifeWatch, ENES, EPOS, etc.

EUDAT, OpenAIRE, D4Science, etc.

are faced with large heterogeneity need an architecture

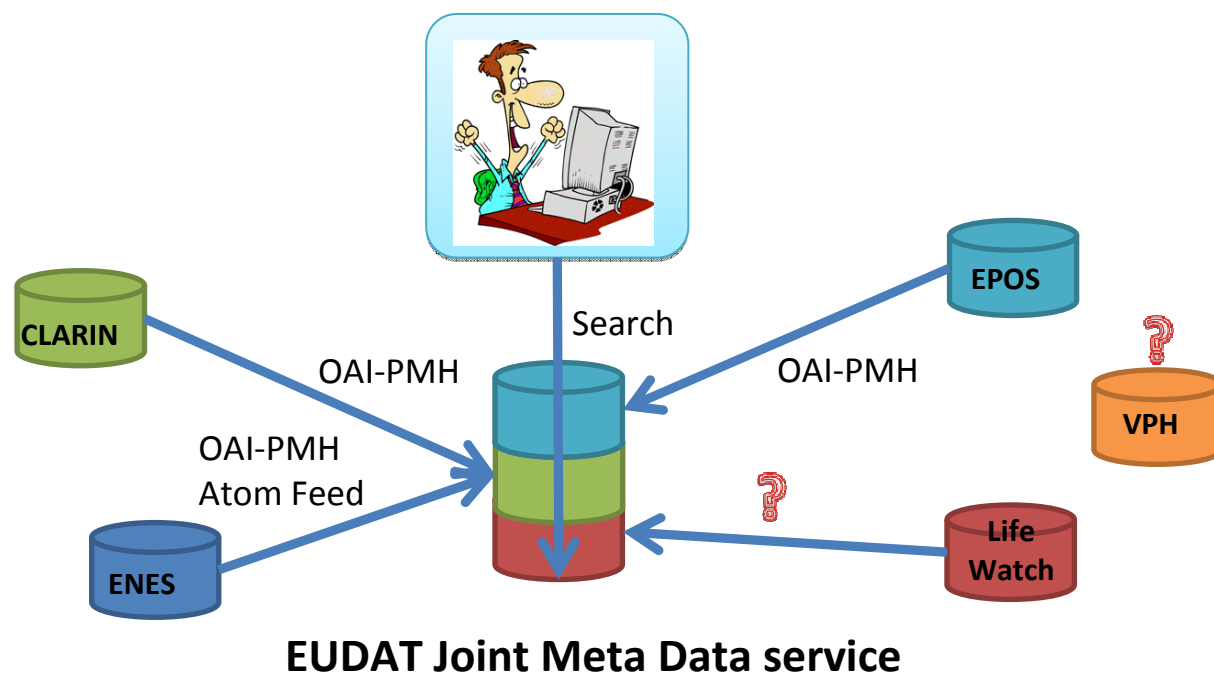
# Collaborative Data Infrastructure

Data and  
Metadata  
Provider



Data Consumer:  
Starts with  
catalogue /  
metadata search

# EUDAT Metadata (Status: February 2012)





# Metadata Task Force

EUDAT repository provides an inventory of metadata from different communities

- **Content:** restricted to metadata for data which are available to EUDAT
- **Availability:** metadata available for unrestricted access but not necessarily the data
- **Granularity:** leave it to communities to define data entities to be described within EUDAT
- **Implementation:** technological survey of existing metadata services like push or pull of metadata entities, federated metadata search or harvesting in central catalogue
- **Federated metadata:** the federation metadata schema should bring together legacy systems of EUDAT communities
- **Semantic mapping:** simple semantic mapping of key elements seems to be requested from EUDAT (continuous work)

(Status of discussion after SAF meeting and first telco)



# Metadata Task Force

## Next steps

- **Common understanding on role of metadata in EUDAT:** prior to the First User Forum there have been taken place discussions on the Metadata Task Force in EUDAT
- **Inspection of available metadata models:** After discussion of the objectives in the EUDAT metadata domain the concrete work should start with an inventory of already existing metadata schemas and the consideration how they match
- **Best practices:** other initiatives (Europeana, ANDS, Data One, Libraries) will be inferred how they deal with diverse metadata
- After definition of EUDAT federated metadata model and the survey of existing metadata services the EUDAT metadata domain implementation plan will be determined with respect to integration of already existing legacy systems.
- Revisions / Modifications / Additions ????