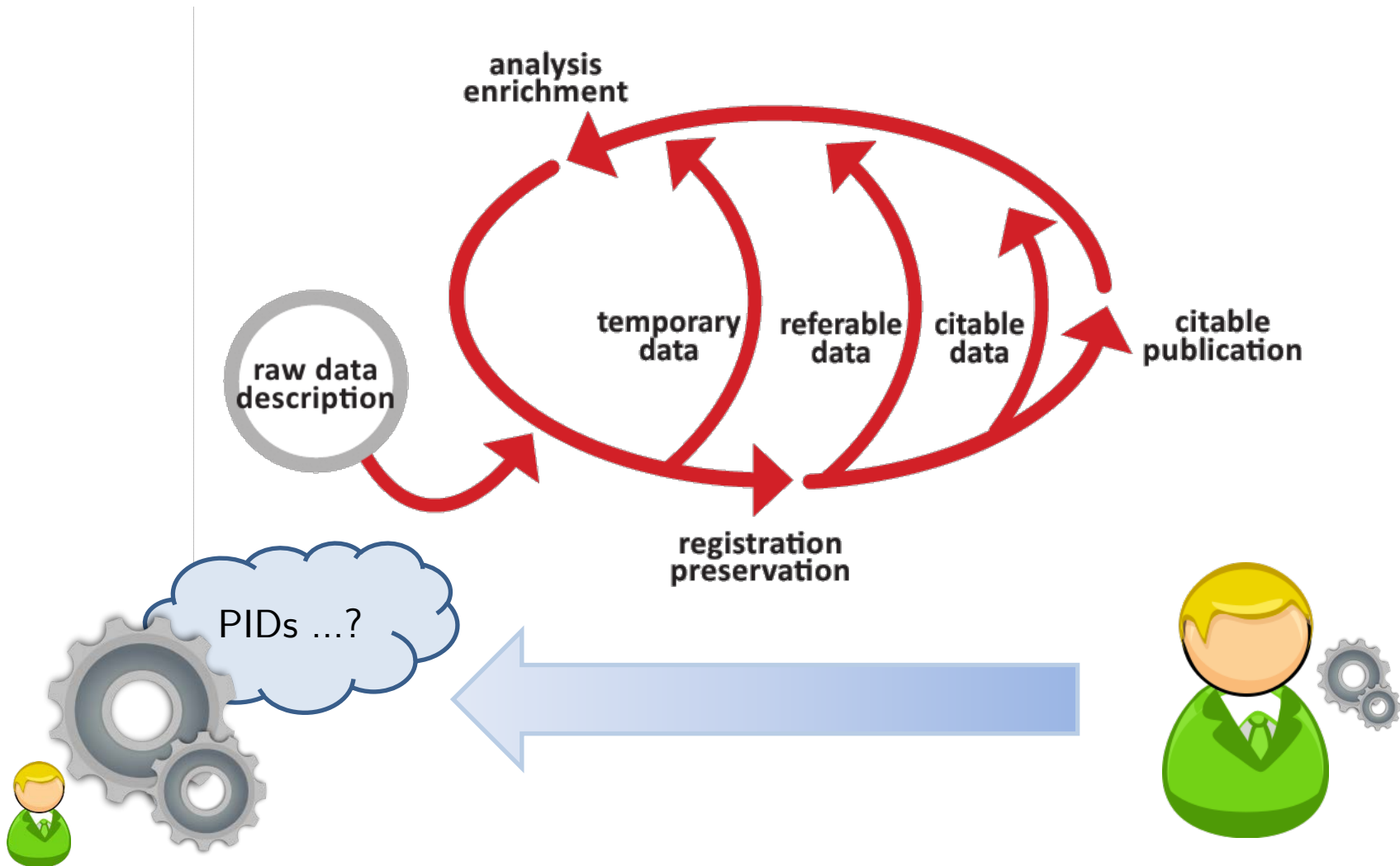


Separation of Concerns: PID Information Types and Domain Metadata

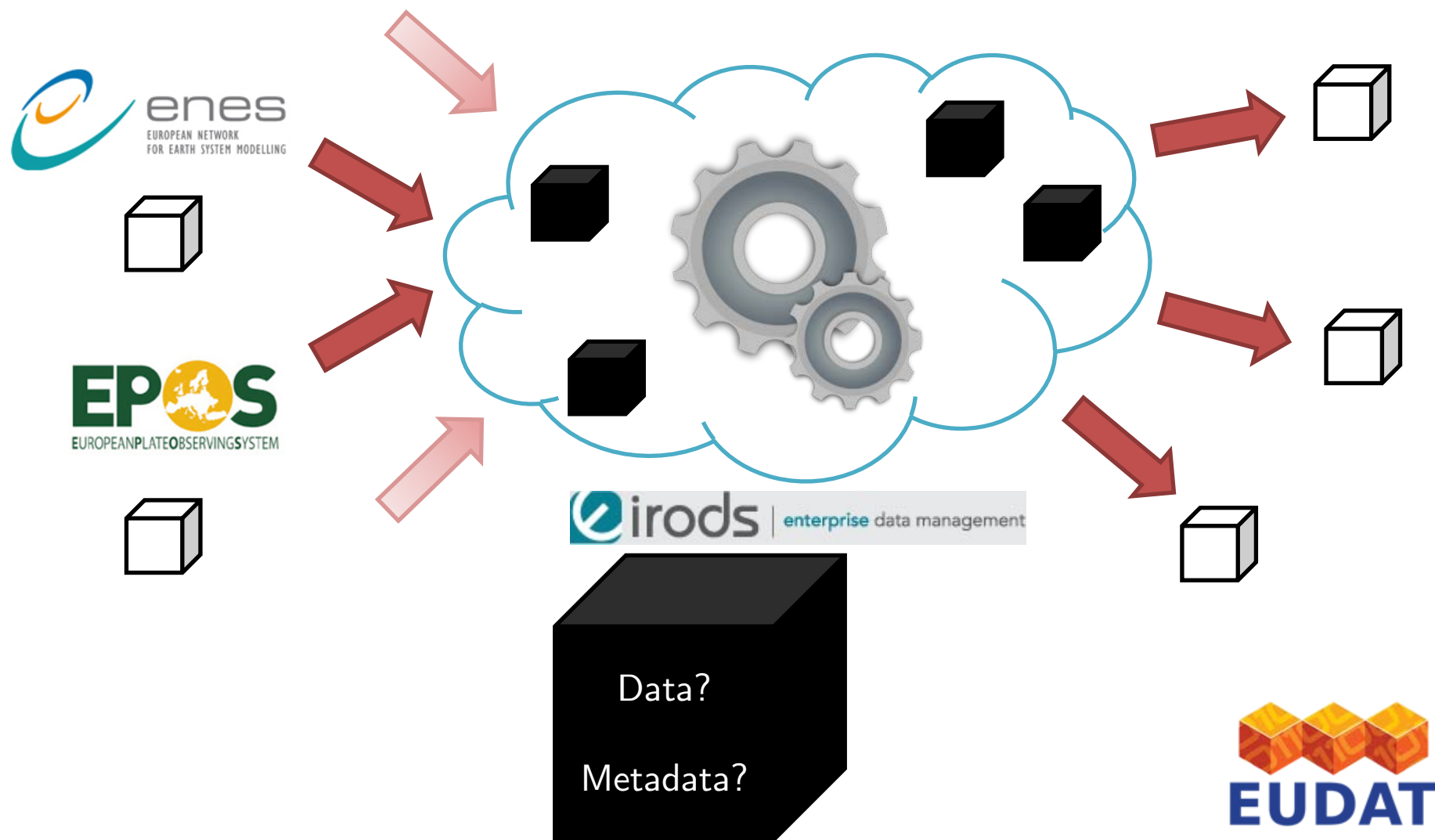
Tobias Weigel (DKRZ / University of Hamburg)

Timothy DiLauro (Data Conservancy / John Hopkins
University)

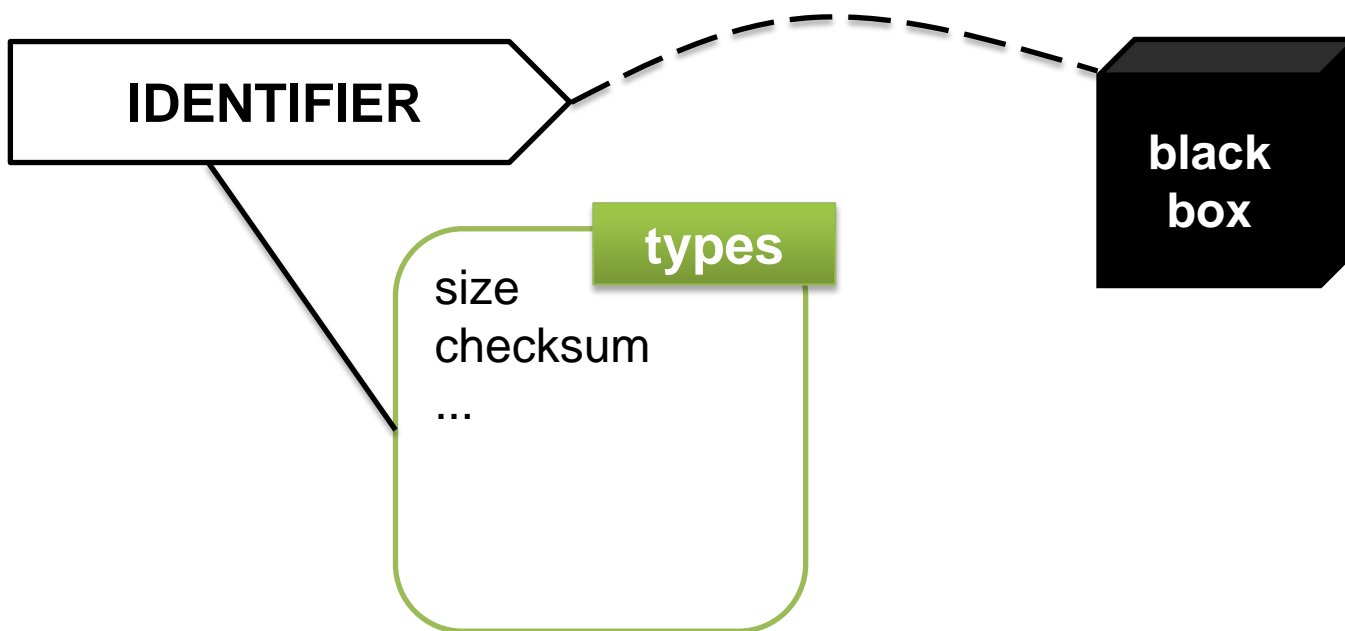
Why do we care?



Example scenario

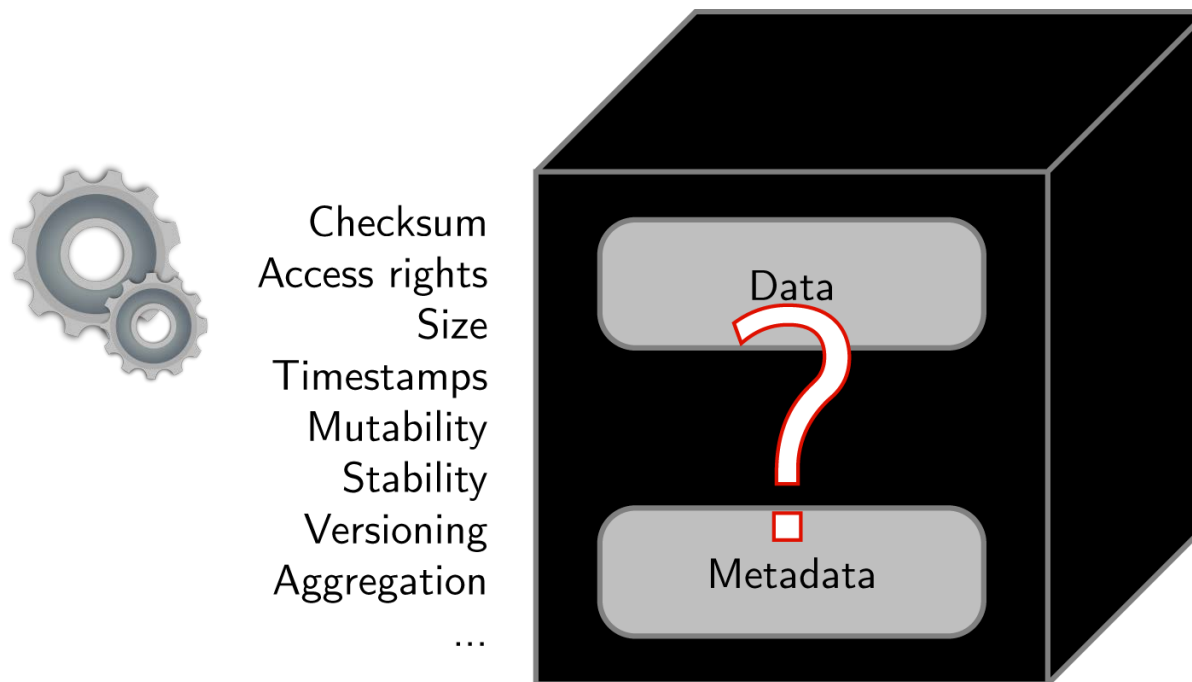


Current PID Information Types model



The black box / envelope metaphor

- What must be written on the outside?



- **Minimal** metadata (Kahn & Wilensky)
- Core task for the RDA PID Information Types WG

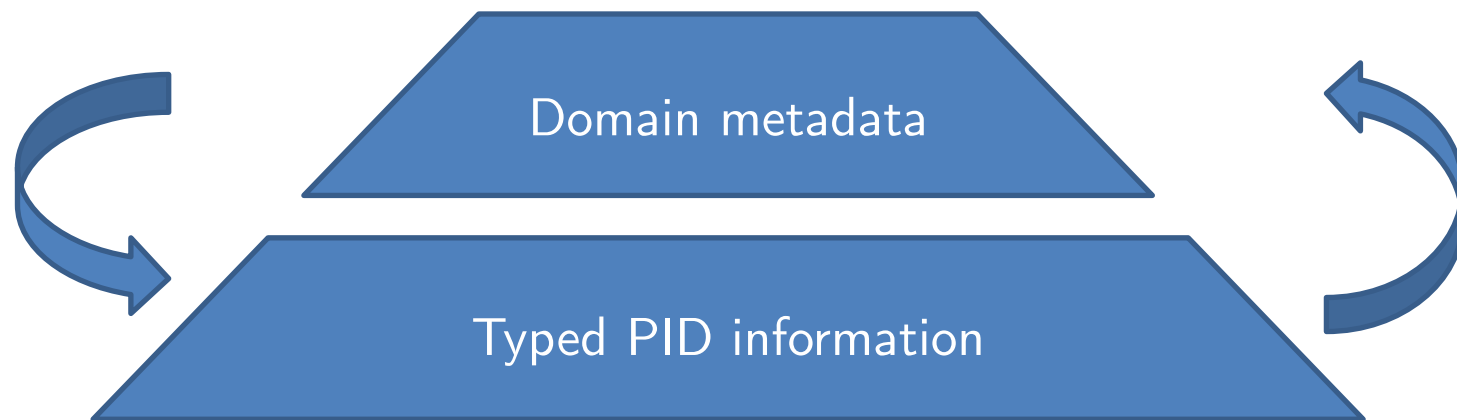
Minimal metadata: criteria / requirements

- Very limited curation (preferably static)
- Only marginally targeted at discovery
 - there's much better infrastructure for that

- OAIS: Preservation Description Information
 - more precise than a metaphor
 - unclear yet whether this covers all PID use case needs – possible answer after WG termination
 - use cases deal not primarily with preservation

Layering

- Layered software / protocol architectures
- Layers of information



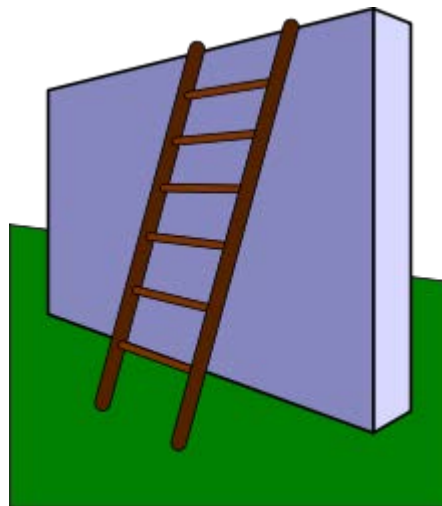
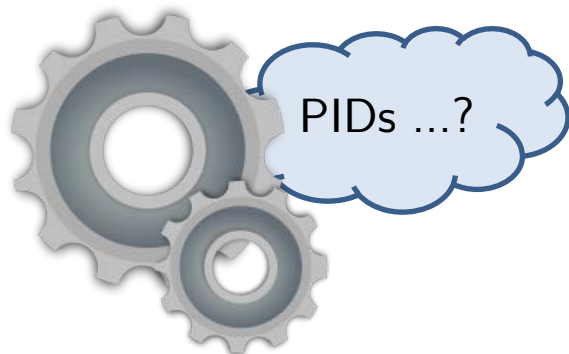
- Fallback, but also migration
- Enrichment throughout the life cycle

Finding the balance is key!

- Rich metadata
- Low adoption barriers
- Legacy systems
- Use cases and community needs

From a strategic perspective...

- A separation of concerns
- Guide for future discussions
- Two communities?



Thank you for your attention.



<http://www.rd-alliance.org>