



TOWARDS A SEMANTIC MODEL FOR FDO

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FAIR Festival, June 21, 2021

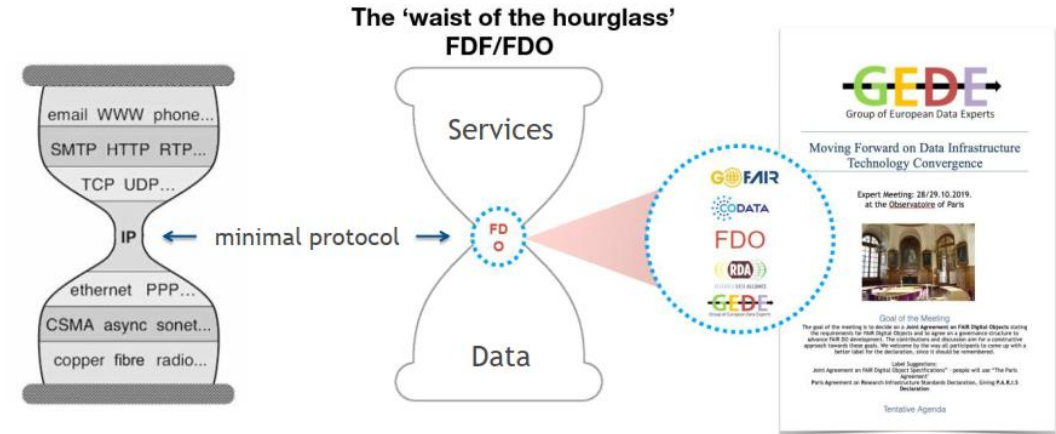


#FAIRconvergence

WHY THIS SESSION

Motivation

- Breaking down “data silos”
- FAIR Digital Objects (FDO) seen as key enablers for (cross-domain) data integration



[B. Mons: International research data ecosystem collaboration developments, International GO FAIR INs Meeting, Jan. 2020]

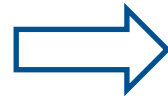
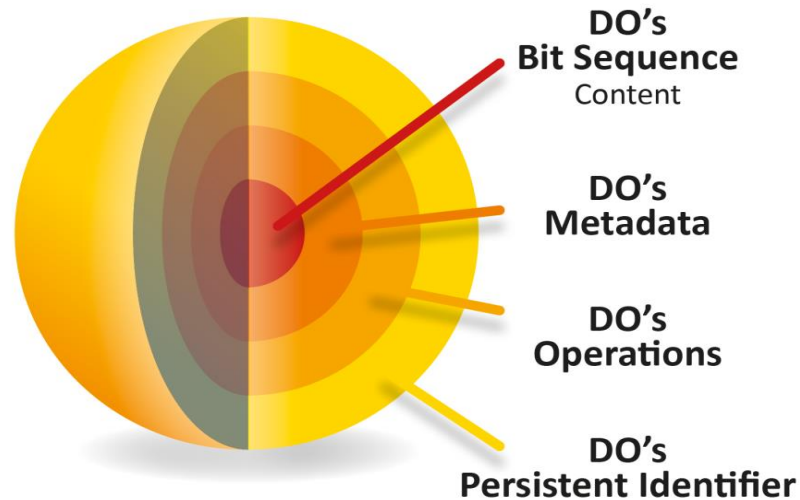
Open Issues

- agreement on FDOs and on protocols maintaining FDOs
- agreed semantic model for FDOs
- agreement on the minimal set of mandatory metadata
- showcases and reference implementations of FDOs based on real-world (cross-domain) use cases

FROM DIGITAL OBJECTS (DO) TO FAIR DIGITAL OBJECTS (FDO)

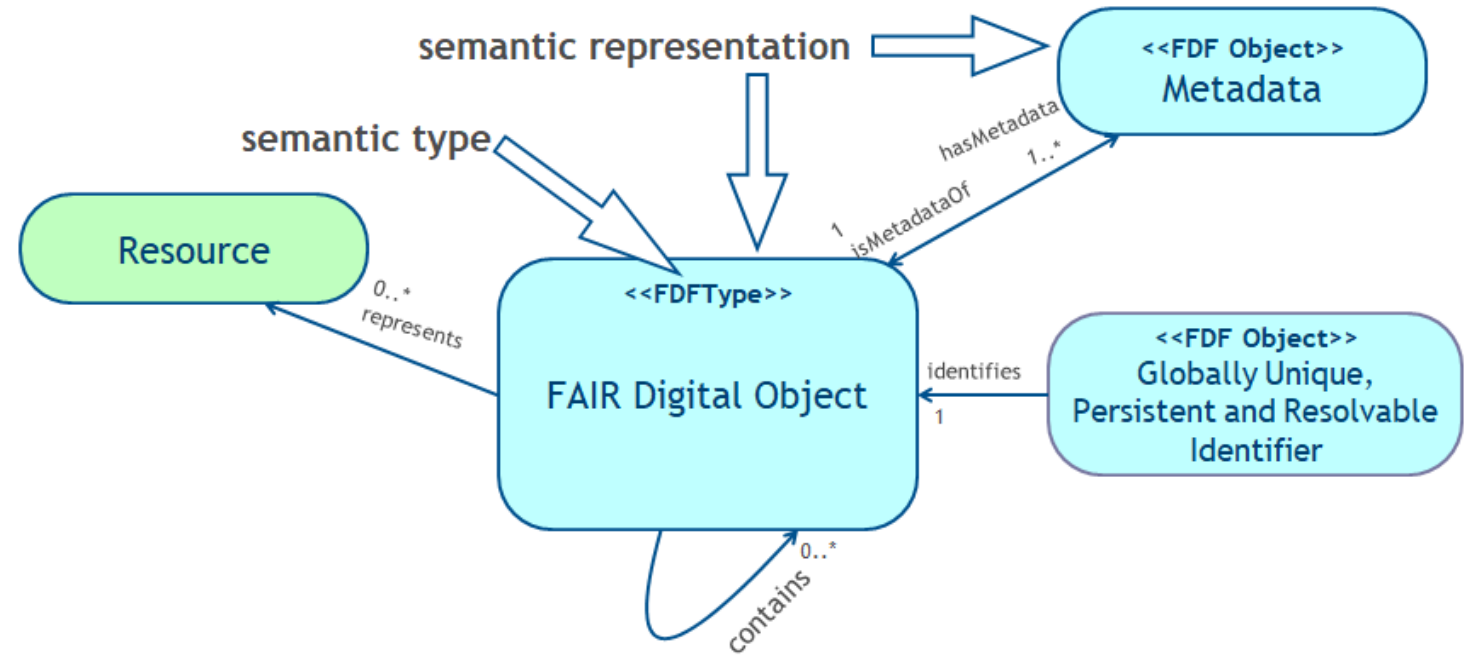
Digital Objects:

all core information about a data object collected in one place



FAIR Digital Objects:

adding explicit semantics to Dos to enable machines to interpret the DO description



AGENDA

3:30 - 3:35 pm CEST	Welcome & Intro (Peter Mutschke)
3:35 - 3:50 pm CEST	The FDO Forum: Motivation, Objectives, Use Cases (Peter Wittenburg)
3:50 - 4:00 pm CEST	FDO-SEM: Motivation, Objectives, Use Case (Peter Mutschke)
4:00 - 4:15 pm CEST	FAIR Digital Objects and FAIR Semantics & Use Case (Yann Le Franc)
4:15 - 4:55 pm CEST	Discussion: <ul style="list-style-type: none">• What are requirements for FDO?• What metadata are needed?• ...
4:55 - 5:00 pm CEST	Wrap Up - <i>in Main Room</i> (Peter & Yann)

Link to collaborative document:

https://docs.google.com/document/d/1jSLhbL1iqwi8i_hk86ZL9HNteFWQnjGXwwiehRvYYOc/edit?usp=sharing

Please indicate your attendance in the participants list (below agenda)

Please note the section on common notes and feel free to contribute.

Thank you!