

CERIF

Common European Research Information Format

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CERIF: The Comprehensive Data Model for Research Information

Entities

- Projects, Organisations, Persons, Funding, Research Outputs, Events, Research Facilities, Equipment, Services, Skills, Prizes, Indicators, ...
- 25 in total

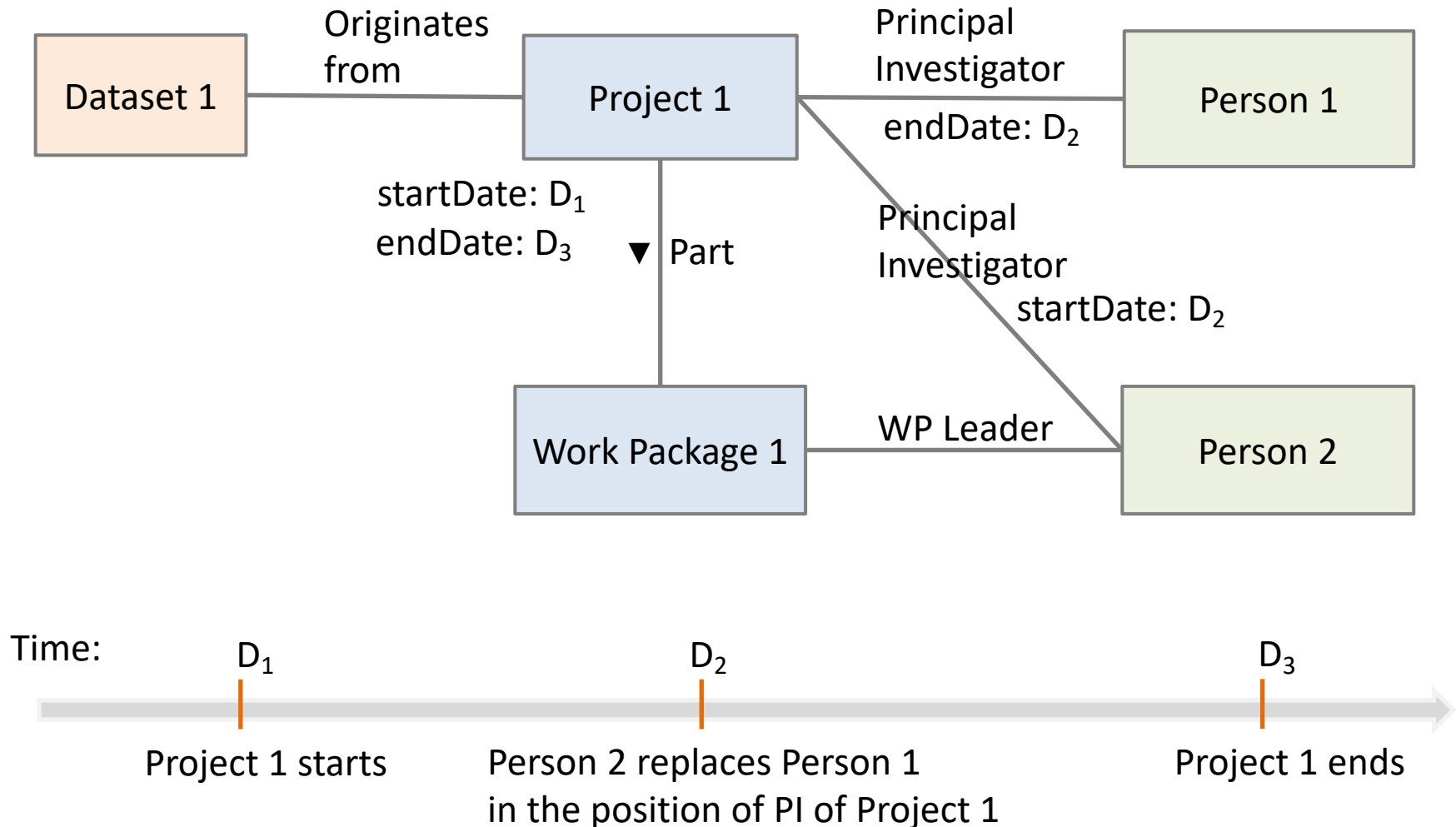
Attributes

- Just the basic ones
- Multilingual free-text ones
- External identifiers (DOIs, ORCID iDs, ROR Ids, ...)

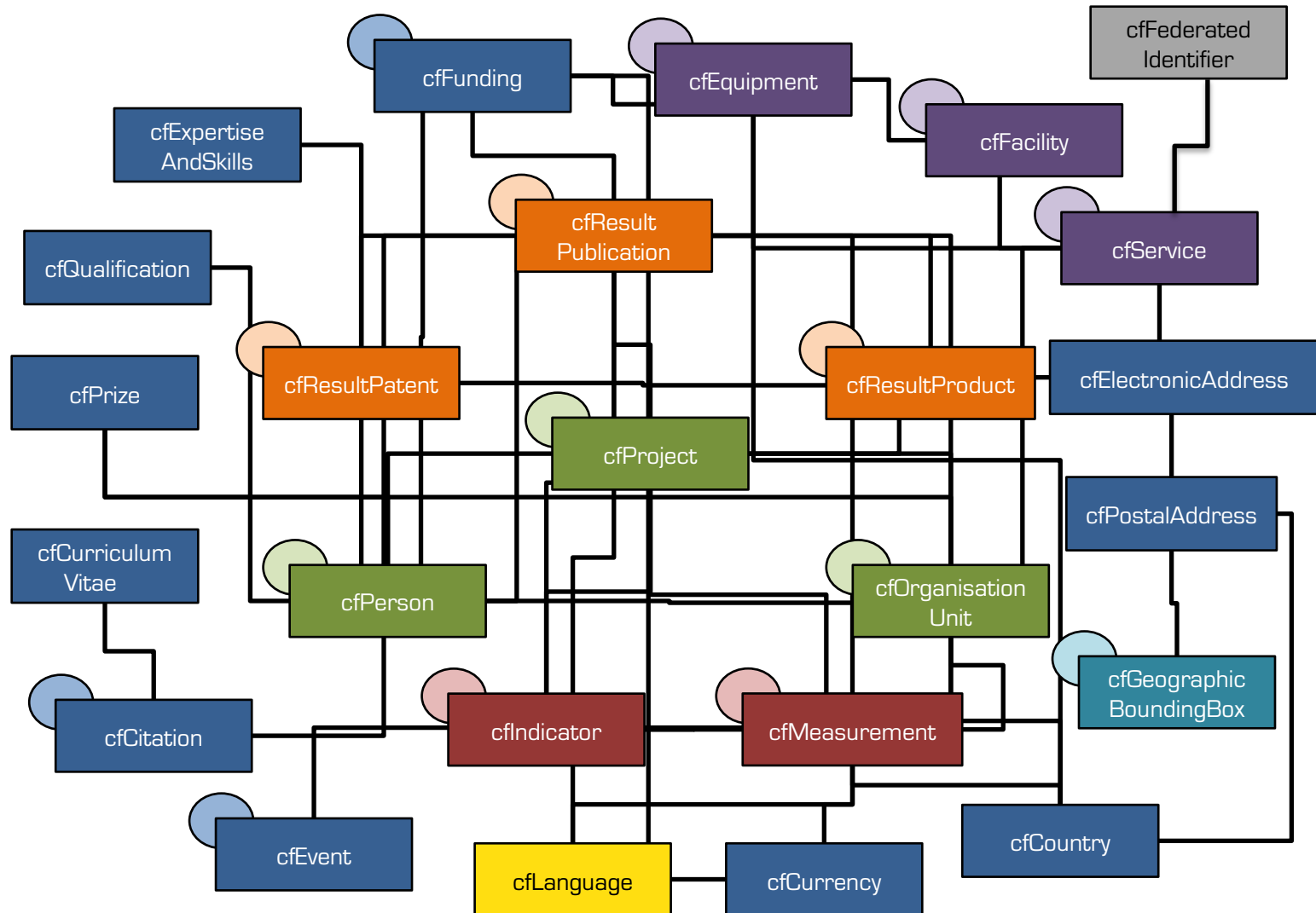
Relationships

- Formalized semantics for the type of relationship
- Generally many-to-many
- Optional startDate + endDate

CERIF Example



CERIF 1.6



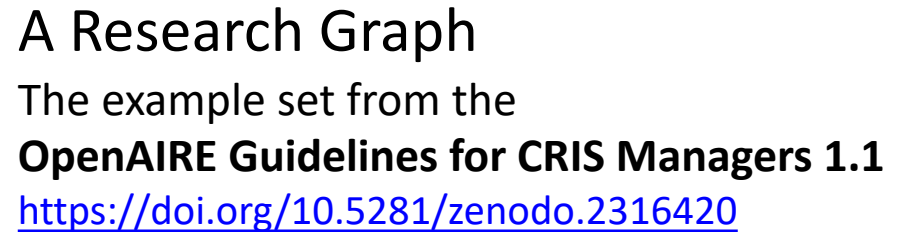
CERIF Profiles

Useful subsets of CERIF
for specific research information
interchange scenarios

- Entities & attributes:
 - Profile $\subset$ CERIF
- Semantic vocabularies:
 - Profile: specific choices
- Integrity constraints:
 - Profile $\supset$ CERIF

Producers know
what to produce
&
Consumers know
what to expect

The examples depict some real-world objects in their (limited) contexts.
Dashed lines and edges denote illustrative claims that are there for the sake of the example.



The example set from the

OpenAIRE Guidelines for CRIS Managers 1.1

<https://doi.org/10.5281/zenodo.2316420>

euroCRIS Strategic Membership Meeting

November 18–20, 2019 @ Münster, Germany

