euroCRIS Workshop for CRIS Developers and Managers

Topics

- Research Information Interoperability
  - OpenAIRE Guidelines for CRIS Managers
    - Experience from Implementors
    - Processing in the OpenAIRE Validator & Aggregator

Why?

- Information **producers**:
  What is going to happen with our metadata?
- Information **consumers**:
  What metadata is (going to be) available?
  Where does it come from?
- **euroCRIS**:
  What more should to be done to make it maximum useful?
  What are the most painful points of research information interoperability?
  What can be generalized?

OpenAIRE Guidelines for CRIS Managers

An overview

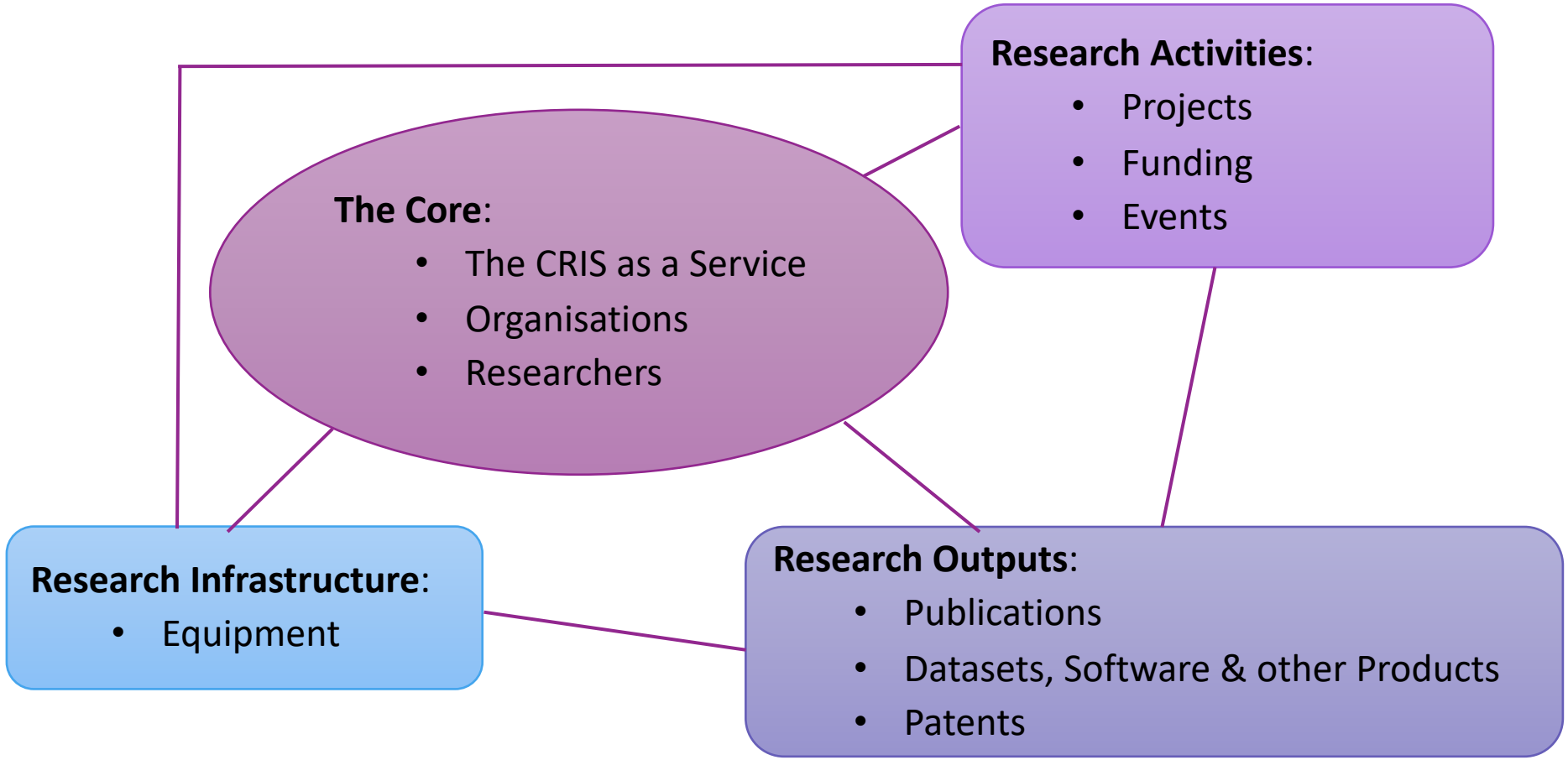
Evolution of the Standard

- v.1.1.1 (December 2018), https://doi.org/10.5281/zenodo.2316420
  - Minor extensions
    - E.g. added DAI as person identifier
  - Documentation improvements

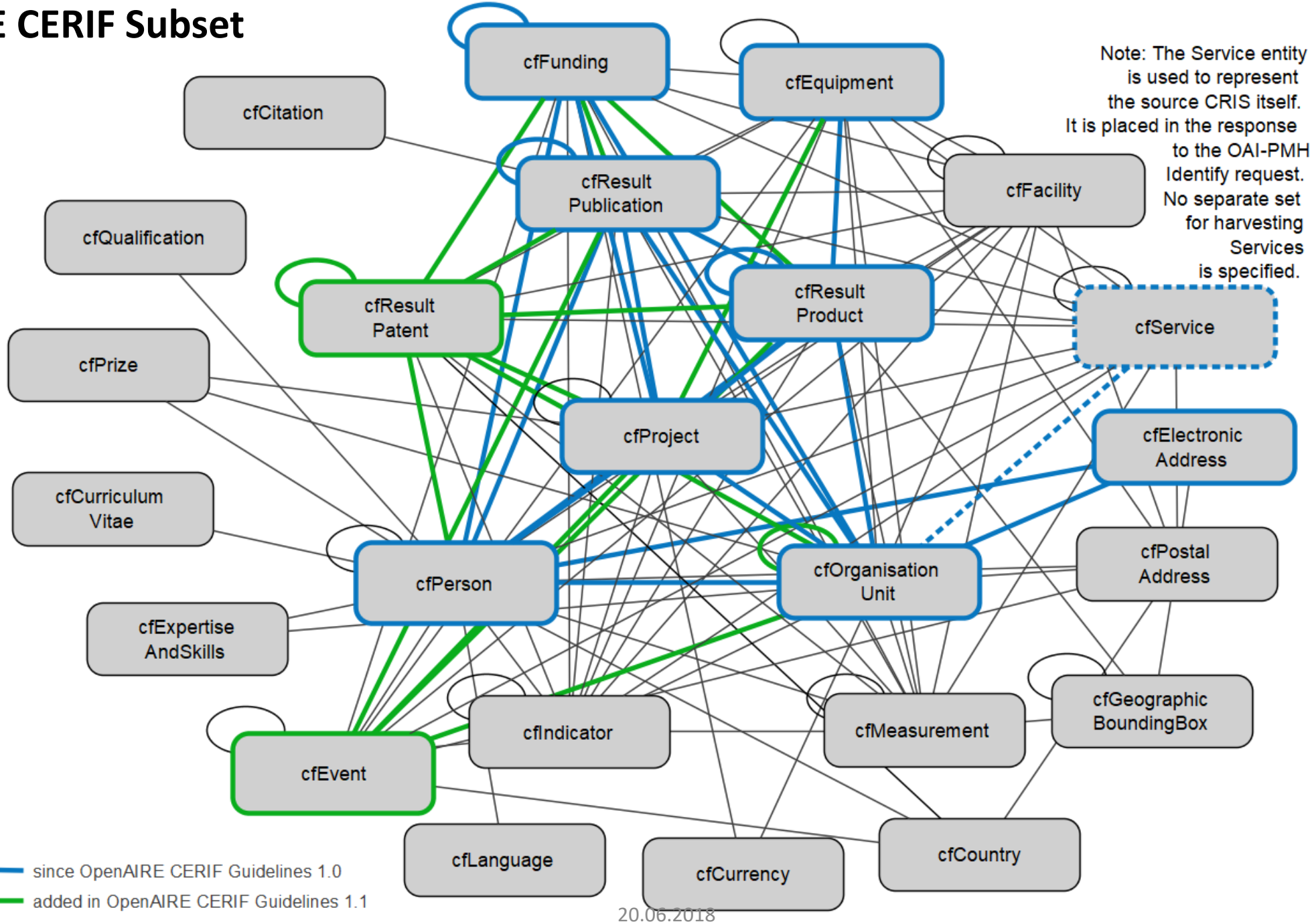
- **v.1.1.0** (June 2018), https://doi.org/10.5281/zenodo.1298650
  - Updated CERIF-XML
  - Vocabularies aligned with the other OpenAIRE Guidelines

- v.1.0 (June 2015), https://doi.org/10.5281/zenodo.17065
  - Old-style CERIF-XML, a 1:1 mapping from the CERIF data model

Information Scope of the OpenAIRE Guidelines for CRIS Managers 1.1

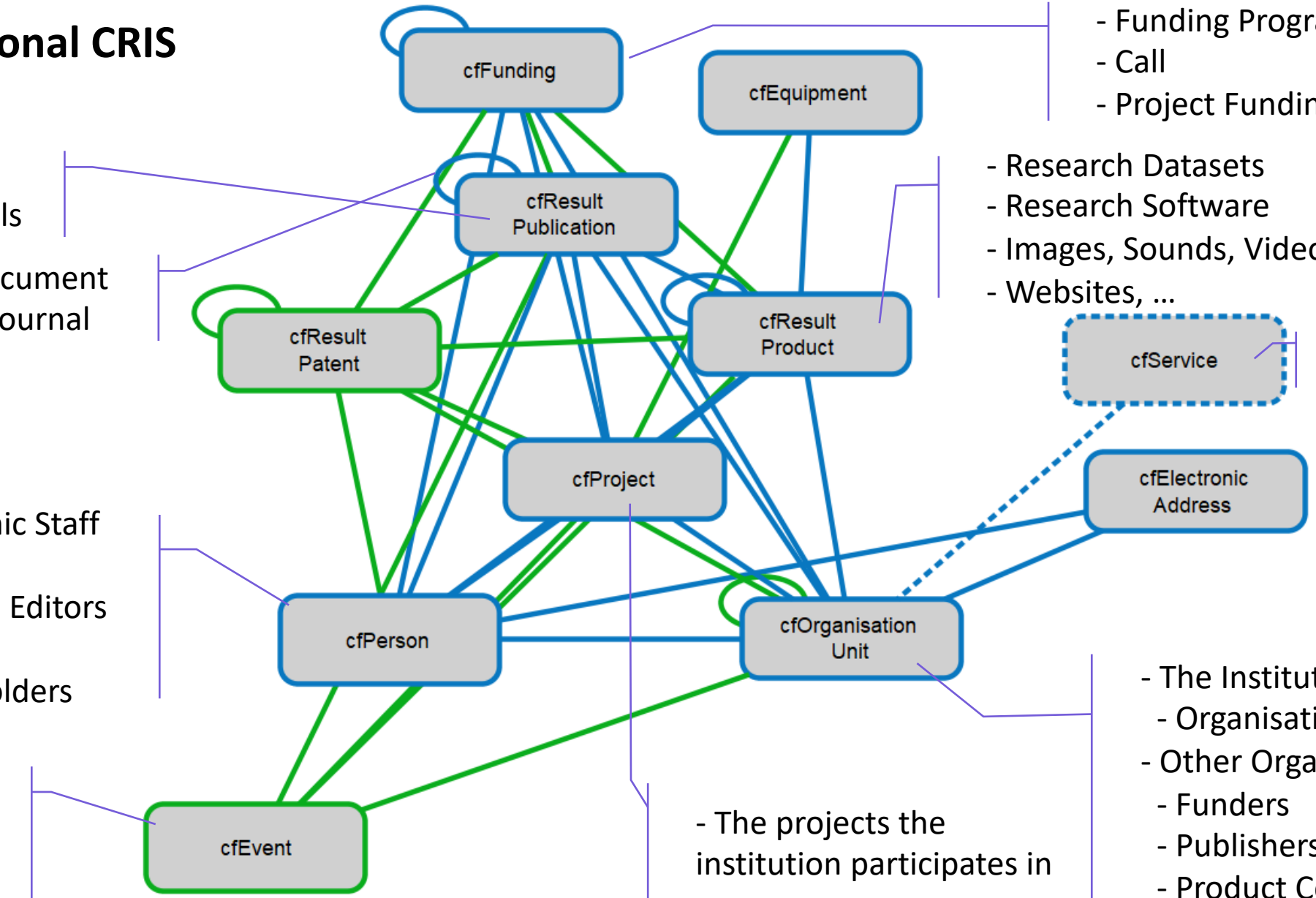


OpenAIRE CERIF Subset



Scope: Institutional CRIS

JD



- Funding Programme
- Call
- Project Funding

- Publications
- Publishing Channels

- Item in Document
- Article in Journal

- Research Datasets
- Research Software
- Images, Sounds, Videos
- Websites, …

- The CRIS
(OAI-PMH Identify)

- Institution's Academic Staff
- External Persons
- Publication Authors, Editors
- Product Creators
- Patent Inventors, Holders

- Conferences
- Workshops
- Seminars
- Meetings

- The projects the institution participates in

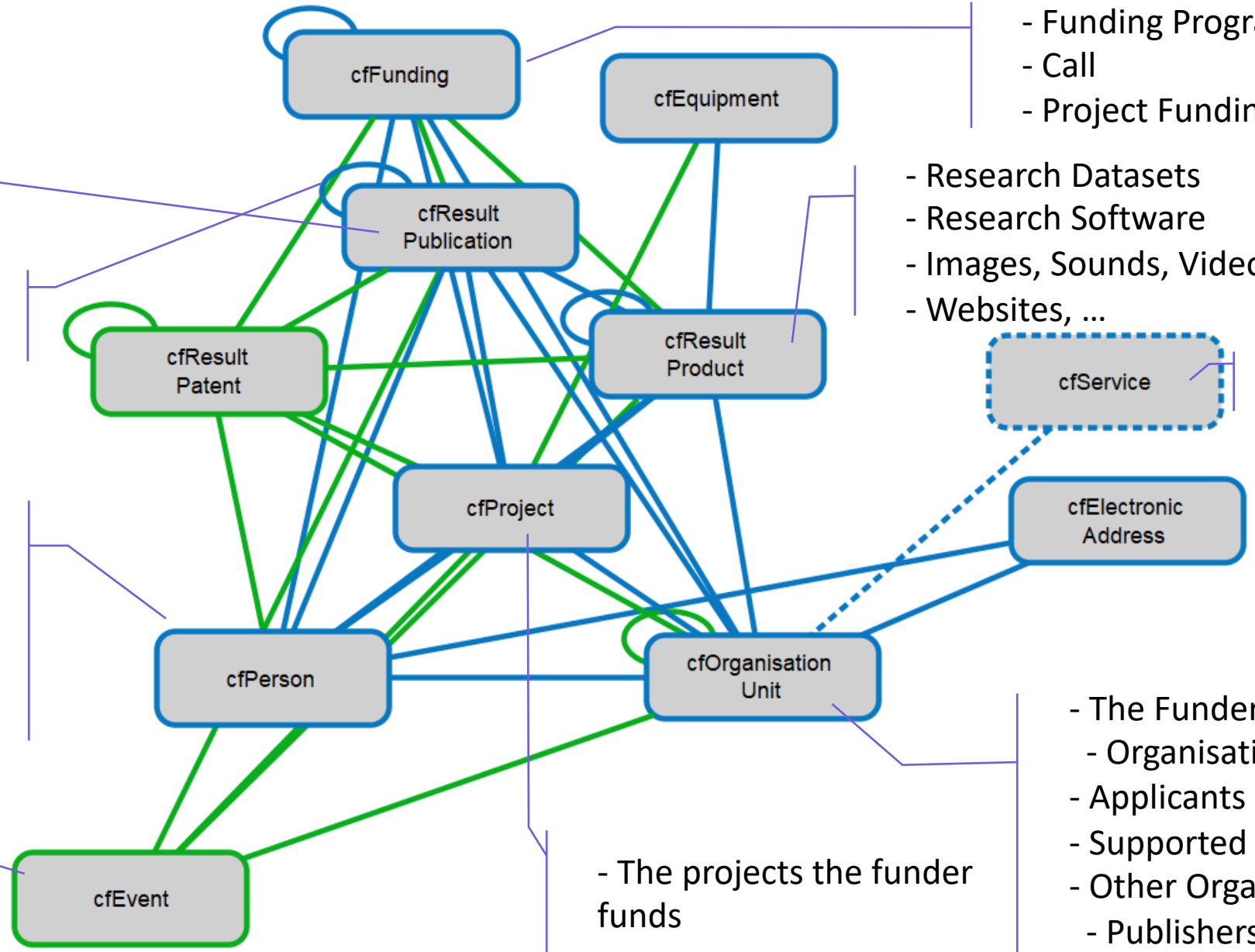
- The Institution
  - Organisation Hierarchy
- Other Organisations
  - Funders
  - Publishers
  - Product Contributors
  - Patent Holders

since OpenAIRE CERIF Guidelines 1.0

added in OpenAIRE CERIF Guidelines 1.1

Scope: Funder CRIS

JD



- Funding Programme
- Call
- Project Funding

- Publications
- Publishing Channels

- Item in Document
- Article in Journal

- Research Datasets
- Research Software
- Images, Sounds, Videos
- Websites, …

- The CRIS
(OAI-PMH Identify)

- Applicants
- Principal Investigators
- Organisation Contacts
- Publication Authors, Editors
- Product Creators
- Patent Inventors, Holders

- Conferences
- Workshops
- Seminars
- Meetings

- The projects the funder funds

- The Funder
  - Organisation Hierarchy
- Applicants
- Supported Organisations
- Other Organisations
  - Publishers
  - Product Contributors
  - Patent Holders

since OpenAIRE CERIF Guidelines 1.0

added in OpenAIRE CERIF Guidelines 1.1

Status of the Implementation at OpenAIRE

Tour
of the OpenAIRE CERIF Entities

Projects

In an institutional CRIS

- Projects our institution participates in
  - With external funding?
  - Contractual research?
  - Internal projects?
- Projects our institution applied for funding for
  - Unsuccessful grant proposals
  - CRIS supports the internal approval process?

In a funder CRIS

- Projects we fund
- Project proposals

Not likely to be exposed

Project Context

The Consortium

- Coordinator? (OrgUnit or Person)
- Partners? (OrgUnit or Person)
- Contractors? (OrgUnit or Person)
- In-kind contributors? (OrgUnit or Person)
- Member? (OrgUnit or Person)

The Team

- Principal Investigator? (Person)
- Contact? (Person)
- Members? (Person)

with Affiliations?

- How deep in the org structure?

Funding: Funding Programmes & Calls & Tenders

In Institutional CRISs

- Funding opportunities
  - Prospective
  - Past

In Funder CRISs

- Funding schemes we have
- The calls we despatch

- Tracking “competition”?

Funding: Per-project Funding

In Institutional CRISs

- The funding we receive
- The funding we distribute (as a Coordinator)
- The funding we apply for?

In Funder CRISs

- The funding we distribute
- Amounts typically public
  - E.g. CORDIS Open Data
  - Authoritative info

Amounts not likely to be exposed

Events (conferences, workshops, …)

In Institutional CRISs

- The events where papers by our staff/students have been accepted
- The events where papers by our staff/students are being submitted
- The events our staff/students attend
- The events we organize

In Funder CRISs

- The events where paper with our funding have been accepted
- The events that were/will be attended with our funding
- The events that were/will be organized with our funding
- The events we organize

Products: Datasets, Software & other stuff

- Do you have the records?
- Are they properly classified?
- Were there difficulties mapping to the COAR Resource Types scheme?

Equipment

- Equipment we used for producing a dataset

OrgUnits

- How deep org structure do you keep
  - Of your own organization?
  - Of other organizations?
- How deep do you expose?
- Internal codes?
- Multilingual names?

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Here the workshop continued discussing interfacing:

- *The CRIS with other systems*
- *The unit running the CRIS with other units*
- *The position and responsibilities of aggregating national CRISs, in particular with respect to feeding OpenAIRE*