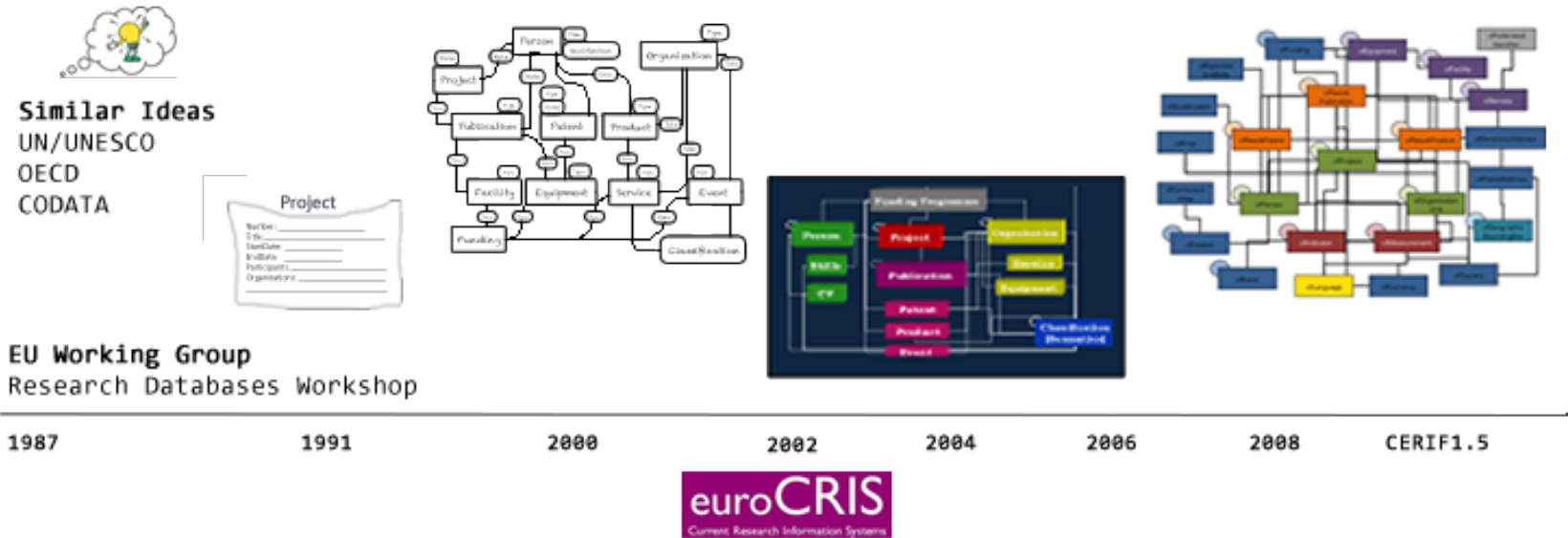


BASES DE DATOS CERIF

The CERIF Evolution

www.euroCRIS.org



Sara María del Patrocinio Rodríguez Palacios

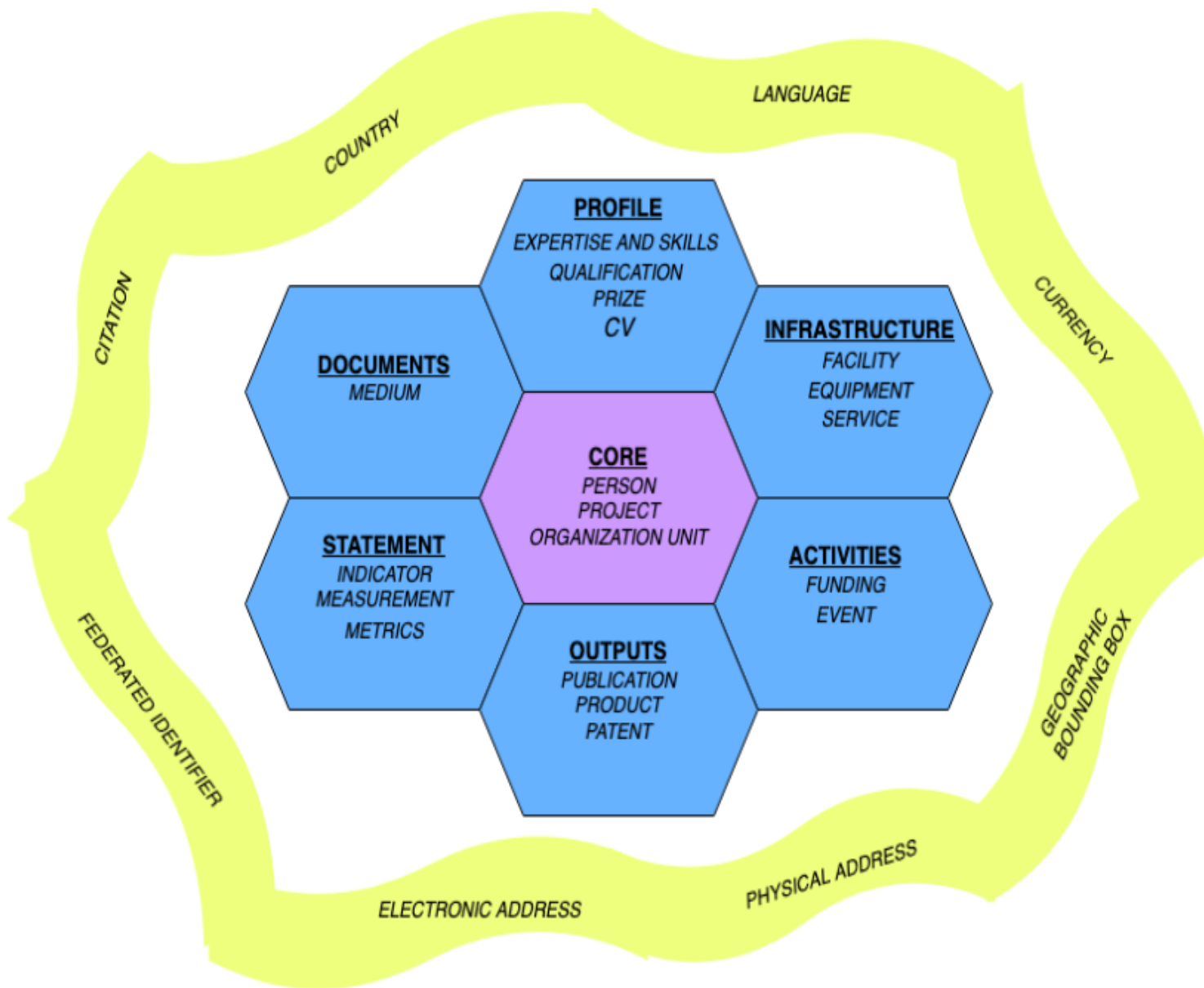


Current Research Information Systems



Management
Information
Systems





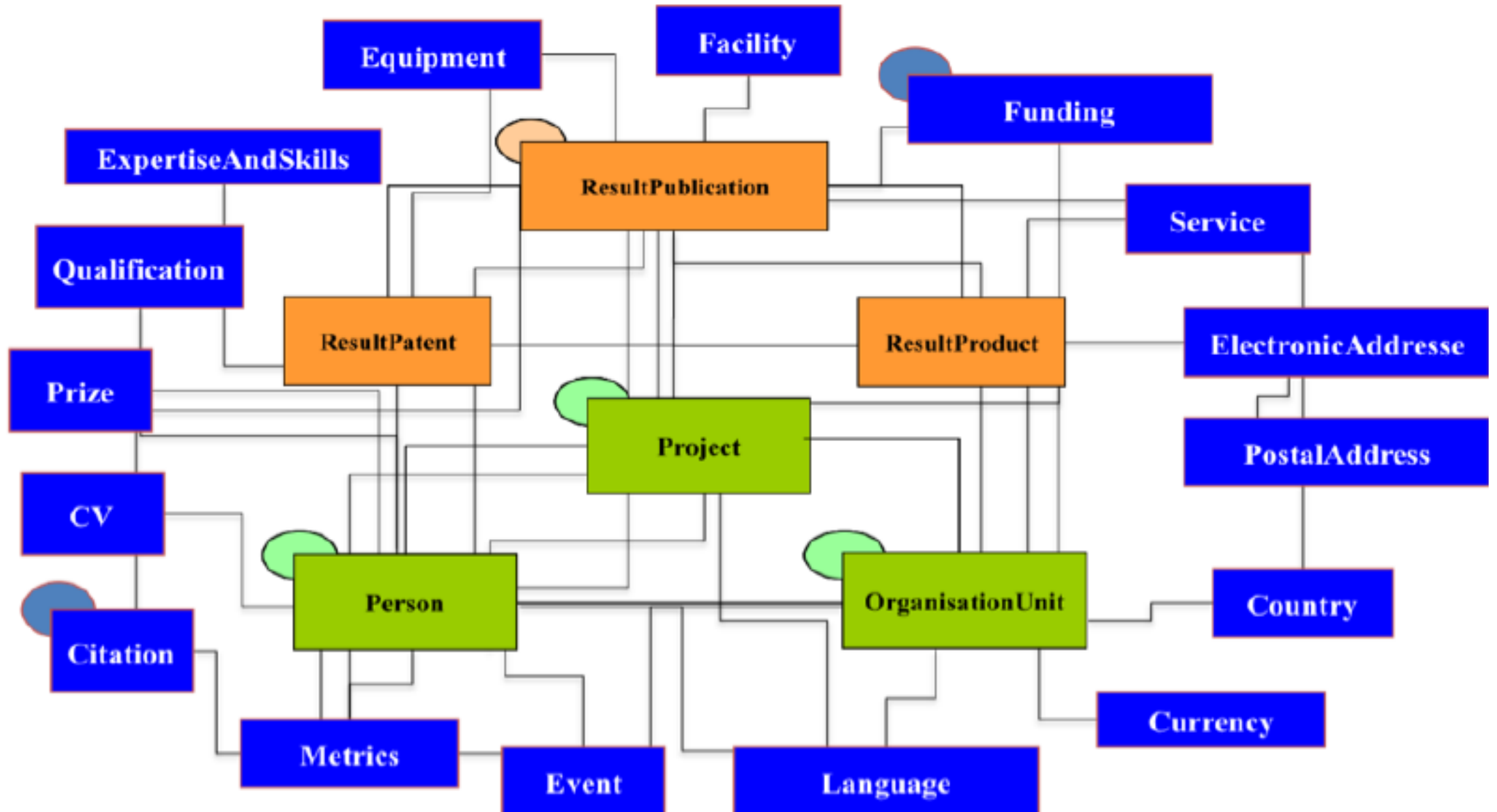
[CERIF-DataModel](https://w3id.org/cerif/model) - modelo de datos propiamente dicho, incluida su documentación completa. Una representación RDF del modelo de datos CERIF está disponible en <https://w3id.org/cerif/model> . La representación HTML navegable está disponible en <https://cdn.rawgit.com/EuroCRIS/CERIF-DataModel/master/documentation/MInfo.html> [CERIF-Vocabularies](https://w3id.org/cerif/vocab/) - los vocabularios semánticos asociados a CERIF. Sus representaciones RDF están disponibles bajo el prefijo del directorio <https://w3id.org/cerif/vocab/> . [CERIF-TG-Tools](https://w3id.org/cerif/vocab/) - herramientas que apoyan el trabajo con el modelo CERIF

Figure 1. A grouping of CERIF entities.

<https://joinup.ec.europa.eu/collection/eu-semantic-interoperability-catalogue/solution/common-european-research-information-format/about>

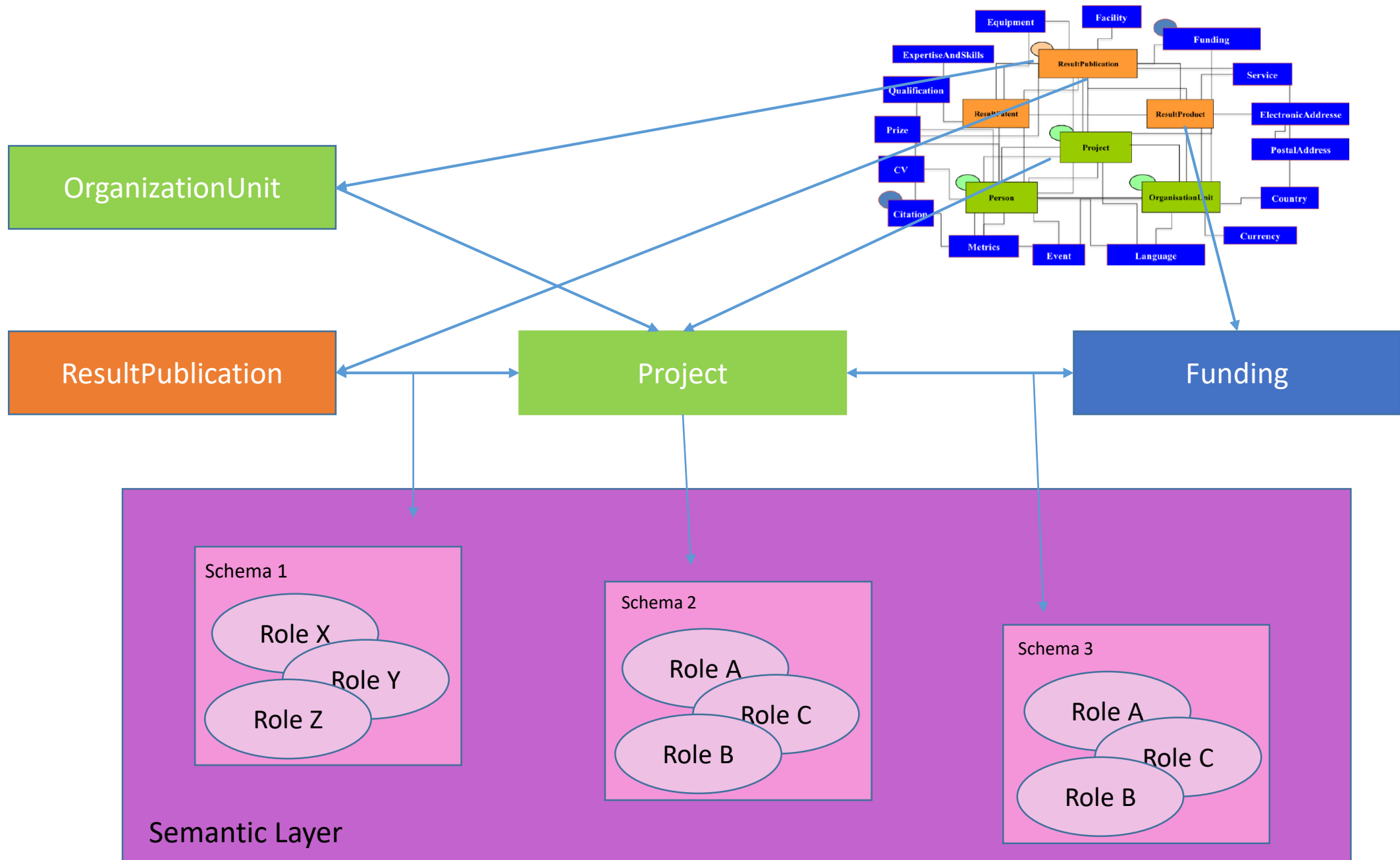


EUROPEAN COMMISSION



CERIF Entities and their Relationships in abstract view

Jörg, Brigitte. (2010). The Common European Research Information Format Model (CERIF). Data Science Journal. 9. 24-31. 10.2481/dsj.CRIS4.



Some selected CERIF entities, indicating the management of their semantics within links (simplified view)

Table 1. CERIF Project Example Record

CERIF Project example database entry	Entity/Table	Type	Attribute	Semantic Layer (CERIF Semantics)	
				Classification	Classification Scheme
project-ist-world	cfProj	core	cfProjId		
IST World	cfProj	core	cfAcro		
http://www.ist-world.org/	cfProj	core	cfURI		
2005-04-01	cfProj	core	cfStartDate		
2007-11-30	cfProj	core	cfEndDate		
Knowledge Base for RTD Competencies in IST	cfProjTitle	lang(en,o)	cfTitle		
Wissensbasis für RTD Kompetenzen im Bereich IST	cfProjTitle	lang(de,h)	cfTitle		
IST, Research Information, NMS, Portal, Information System	cfProjKeyw	lang(en.o)	cfKeyw		
The objective of the project is to set up and populate an information portal ...	cfProjAbstr	lang(en.o)	cfAbstr		
classification-2004-ist-3	cfProj_Class	link	cfClassId	2004-IST-3	FP6-IST
publication-analyzing-european- research-competencies-in-ist	cfProj_ResPubl	link	cfResPublId	is originator of	PROJ-PUBL
publication-cris-information- systems-for-research-activity	cfProj_ResPubl	link	cfResPublId	is originator of	PROJ-PUBL
publication-analytic-services-for- the-era-publication	cfProj_ResPubl	link	cfResPublId	is originator of	PROJ-PUBL
organisation-dfki	cfProj_OrgUnit	link	cfOrgUnitId	is coordinated by	PROJ-ORG
funding-programme-fp6	cfProj_Fund	link	cfFundId	is funded by	PROJ-FUND

Some selected CERIF entities, indicating the management of their semantics within links (simplified view)

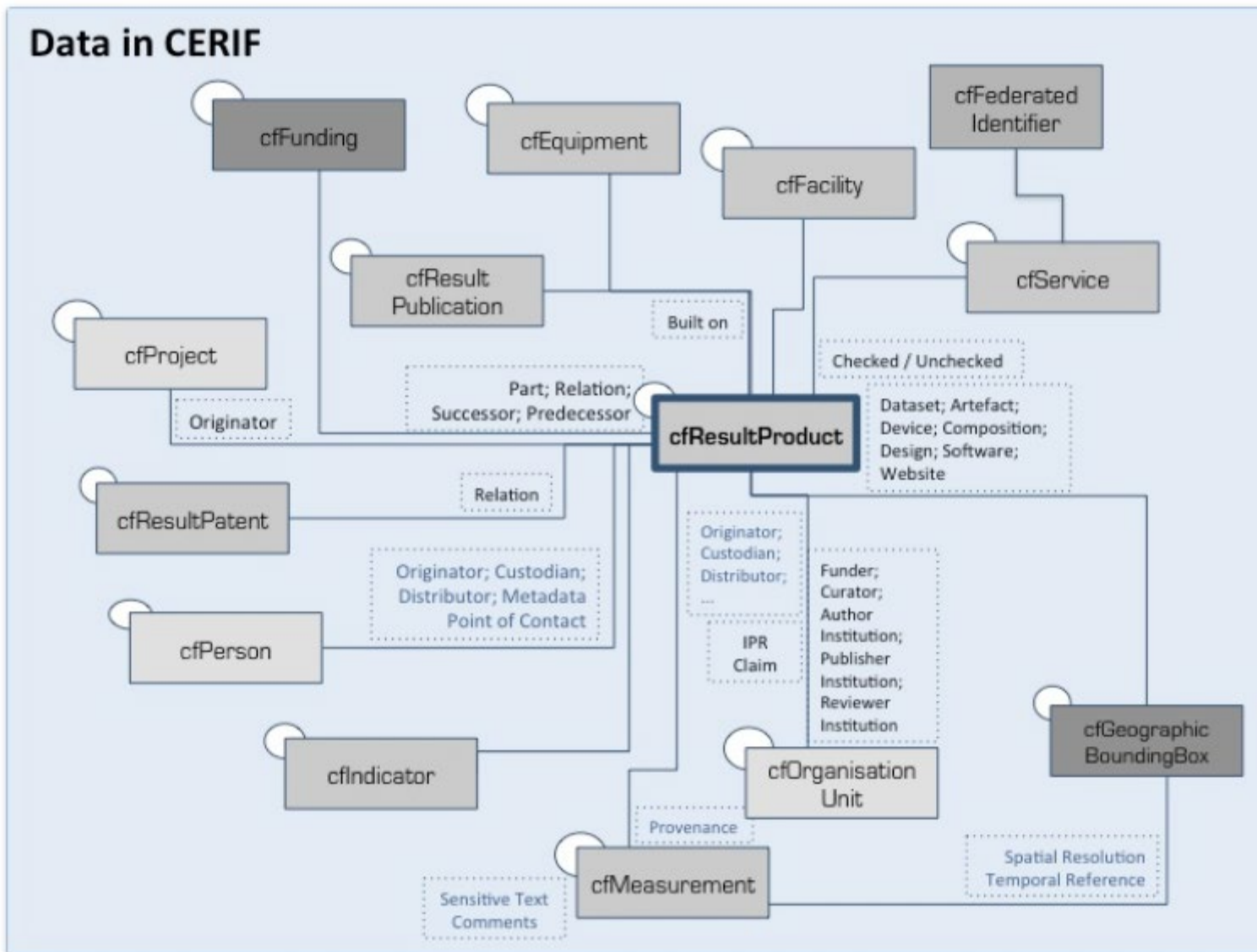
Jörg, Brigitte. (2010). The Common European Research Information Format Model (CERIF). Data Science Journal. 9. 24-31. 10.2481/dsj.CRIS4.

Table 2: CERIF ResultPublication Example Record

CERIF ResultPublication example database entry	Table	Type	Attribute	Semantic Layer (CERIF Semantics)	
				Classification (ClassIds)	Classification Scheme
publication-joerg-et-al	cfResPubl	result	cfResPublId		
2008	cfResPubl	result	cfResPublDate		
107	cfResPubl	result	cfStartPage		
123	cfResPubl	result	cfEndPage		
978-961-6133-38-8	cfResPubl	result	cfISBN		
http://www.eurocris.org/fileadmin/Upload/Events/Conferences/CRIS2008/Papers/cris2008_Joerg.pdf	cfResPubl	result	cfURI		
Analyzing European Research Competencies	cfResPublTitle	lang(en.o)	cfTitle		
Results from a European SSA Project	cfResPublSubtitle	lang(en.o)	cfSubtitle		
With this paper we will present the approach of analyzing research ...	cfResPublAbstr	lang(en.o)	cfAbstr		
IST, ERA, CRIS, CERIF, Research Competencies, Analysis, Visualization	cfResPublKeyw	lang(en.o)	cfKeyw		
classification-conf-proc-article	cfResPubl_Class	link	cfClassId	Conference Proceedings Article	CERIF2008-RESPUBL-TYPES
publication-get-the-good-cris-going	cfResPubl_ResPubl	link	cfResPublId2	is part of	RESPUBL-RESPUBL-ROLES
person-brigitte-joerg	cfPers_ResPubl	link	cfPersId	is author 1 of	PERS-RESPUBL-ROLES
person-hans-uszkoreit	cfPers_ResPubl	link	cfPersId	is author of	PERS-RESPUBL-ROLES
person-jure-ferlez	cfPers_ResPubl	link	cfPersId	is author of	PERS-RESPUBL-ROLES
person-mitja-jermol	cfPers_ResPubl	link	cfPersId	is author of	PERS-RESPUBL-ROLES
orgunit-izum	cfOrgUnit_ResPubl	link	cfOrgUnitId	is publisher of	ORGUNIT-RESPUBL-ROLES
project-ist-world	cfProj_ResPubl	link	cfProjId	is originator of	PROJ-RESPUBL-ROLES
event-cris-2008	cfResPubl_Event	link	cfEventId	is presented at	RESPUBL-EVENT-ROLES

Some selected CERIF entities, indicating the management of their semantics within links (simplified view)

Jörg, Brigitte. (2010). The Common European Research Information Format Model (CERIF). Data Science Journal. 9. 24-31. 10.2481/dsj.CRIS4.



Datasets in CERIF

Algunas referencias

- **OpenAIRE Guidelines for CRIS Managers**
 - <https://guidelines.openaire.eu/en/latest/cris/index.html>
- **CERIF (Common European Research Information Format) Relationships to other metadata standards**
 - <https://rdamsc.bath.ac.uk/msc/m4>
- **EuroCRIS**
 - <https://eurocris.org/>

GRACIAS

sara.rodriguez@tec.mx

<https://hdl.handle.net/11285/642864>