

ΙΝΣΤΙΤΟΥΤΟ ΕΠΕΞΕΡΓΑΣΙΑΣ ΤΟΥ ΛΟΓΟΥ
(**ΙΕΛ**)/INSTITUTE FOR LANGUAGE AND
SPEECH PROCESSING (**ILSP**)/ΙΝΣΤΙΤΟΥΤΟ
ΒΙΟΜΗΧΑΝΙΚΩΝ ΣΥΣΤΗΜΑΤΩΝ (**ΙΝΒΙΣ**)/
INDUSTRIAL SYSTEMS INSTITUTE (**ISI**)/ΙΝ
ΣΤΙΤΟΥΤΟ ΤΗΛΗΡΟΦΟΡΙΑΚΩΝ ΣΥΣΤΗΜΑΤΩ
Ν (**ΙΠΣΥ**)/INSTITUTE FOR TELECOMMUNICATI
ON AND INFORMATION SYSTEMS (**IMIS**)/ΜΟ
ΝΑΔΙΑΔΙΑΣΤΗΜΑΤΩΝ ΠΡΟΓΡΑΜΜΑΤΩΝ
(**ΜΟΔΙΑ**)/SPACE PROGRAMMES UNIT
(**SPU**) ΕΛΛΗΝΙΚΗ ΠΡΩΤΟΒΟΥΛΙΑ ΤΕΧΝΟΛΟ
ΓΙΚΩΝ ΣΥΝΕΡΓΑΤΙΚΩΝ ΣΥΜΜΕΤΕΧΝΗΣΕΩΝ/
CORALLIA CLUSTERS INITIATIVE/ΜΟΝΑ
ΔΑ ΑΝΑΛΥΣΗΣ ΚΑΙ ΜΟΝΤΕΛΟΠΟΙΗΣΗΣ ΤΗΣ
ΠΛΗΡΟΦΟΡΙΑΣ (**ΜΑΜΠ**)/INFORMATION
ANALYSIS AND MODELING UNIT (**IAMU**)

Έρευνα & Καινοτομία
Τεχνολογίες Πληροφορίας

ΑΘΗΝΑ



ΑΘΗΝΑ

Research & Innovation
Information Technologies

Σχέδια Διαχείρισης Δεδομένων

Ενίσχυση του γράφου επιστημονικής
επικοινωνίας του OpenAIRE

Έλλη Παπαδοπούλου

Ερευνητικό Κέντρο ΑΘΗΝΑ
Διαχείριση του Argos

www.athenarc.gr



Επισκόπηση



Σχέδια Διαχείρισης Δεδομένων

- Πρότυπο
- Υπηρεσία Argos



Γράφοι για την Ανοικτή Επιστήμη

- Γράφοι Γνώσης
 - Γράφος Επιστημονικής Επικοινωνίας
- OpenAIRE

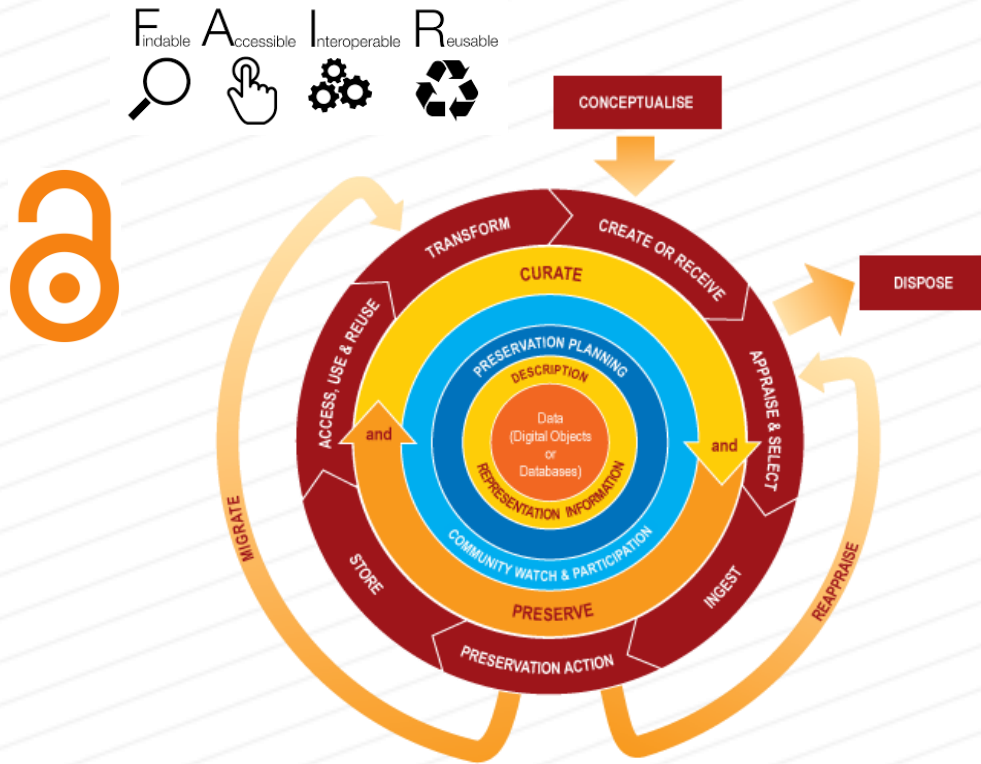


Η περίπτωση του OpenAIRE

- Νέες οντότητες και σχέσεις
- Αποσαφήνιση

Σχέδια Διαχείρισης Δεδομένων

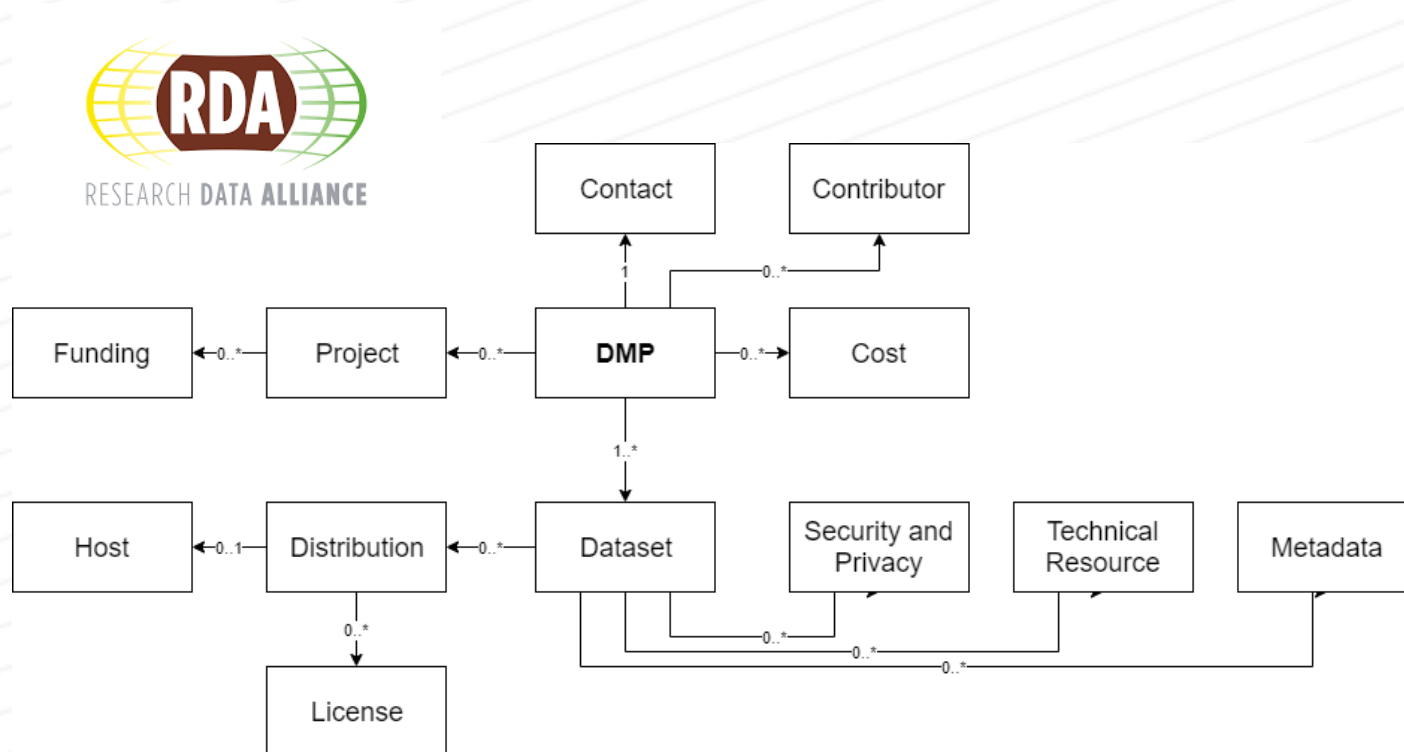
Η ανάγκη



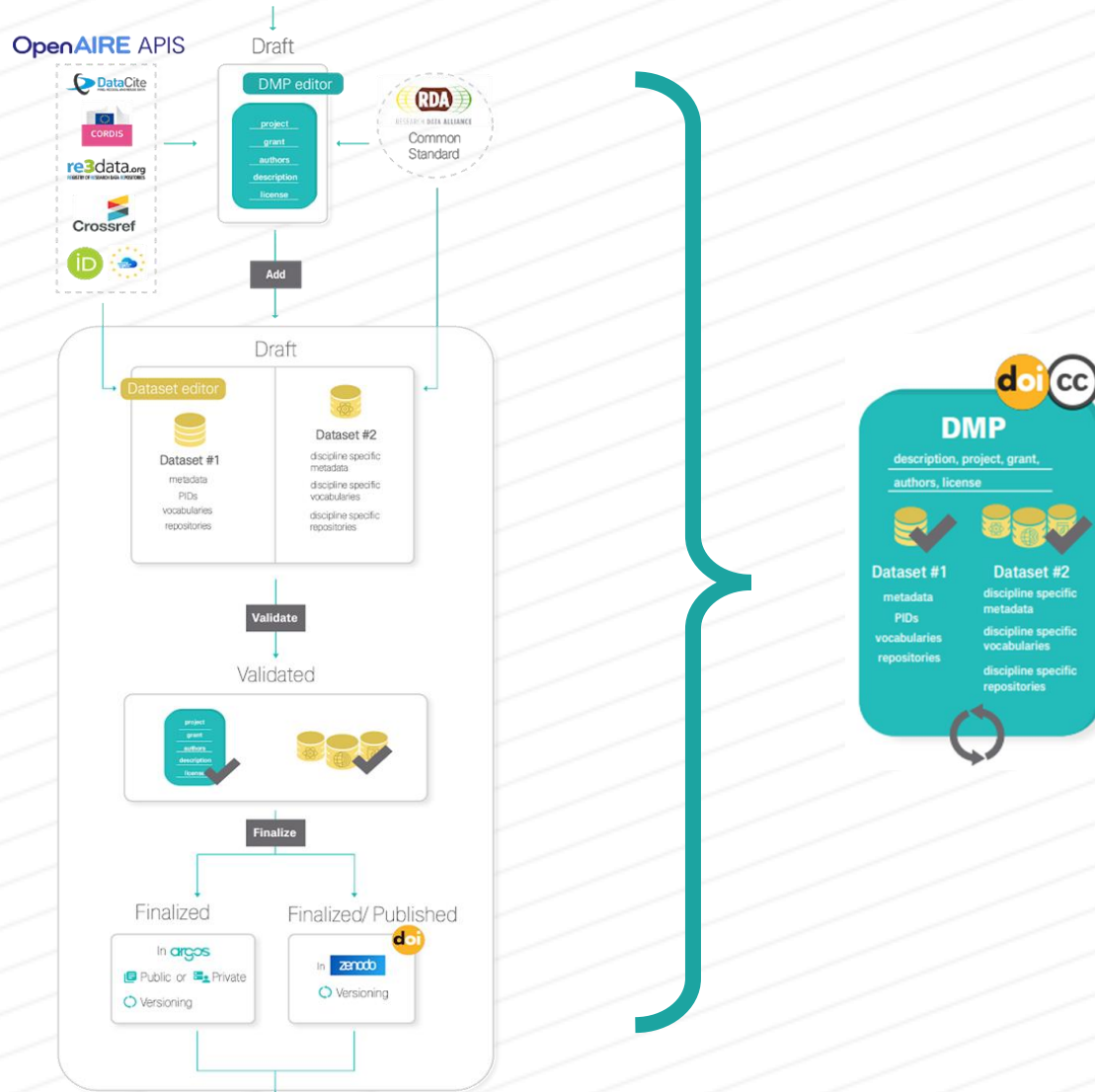
Digital Curation Centre Curation Lifecycle



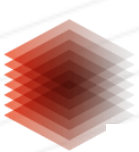
Πρότυπο για ma-DMPs



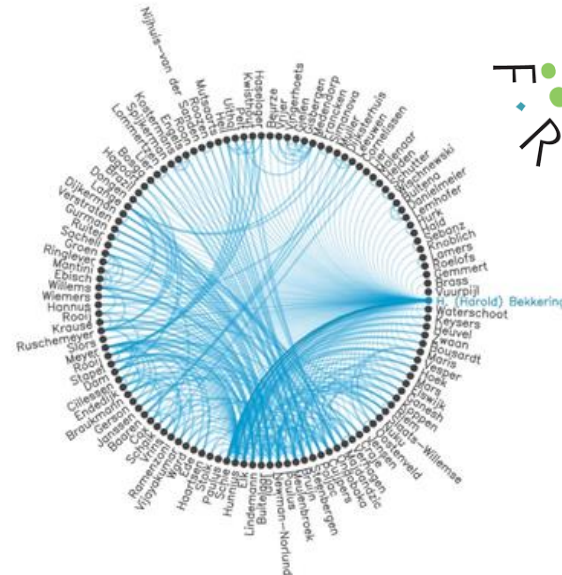
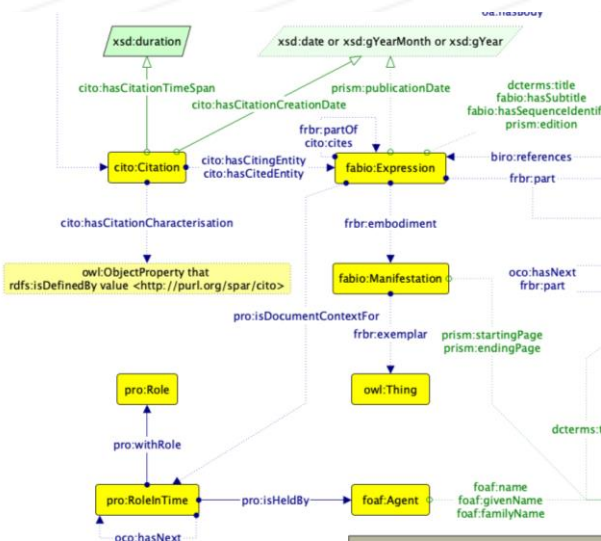
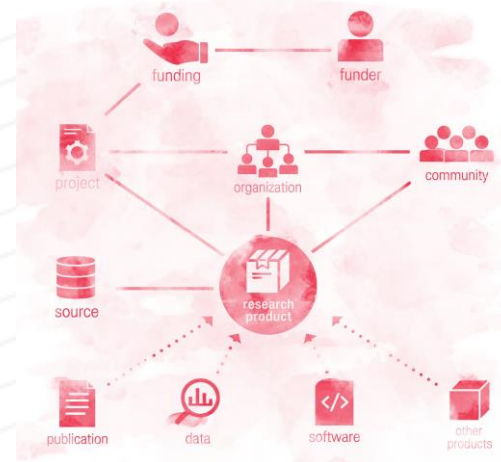
Κύκλος ζωής ΣΔΔ στο Argos



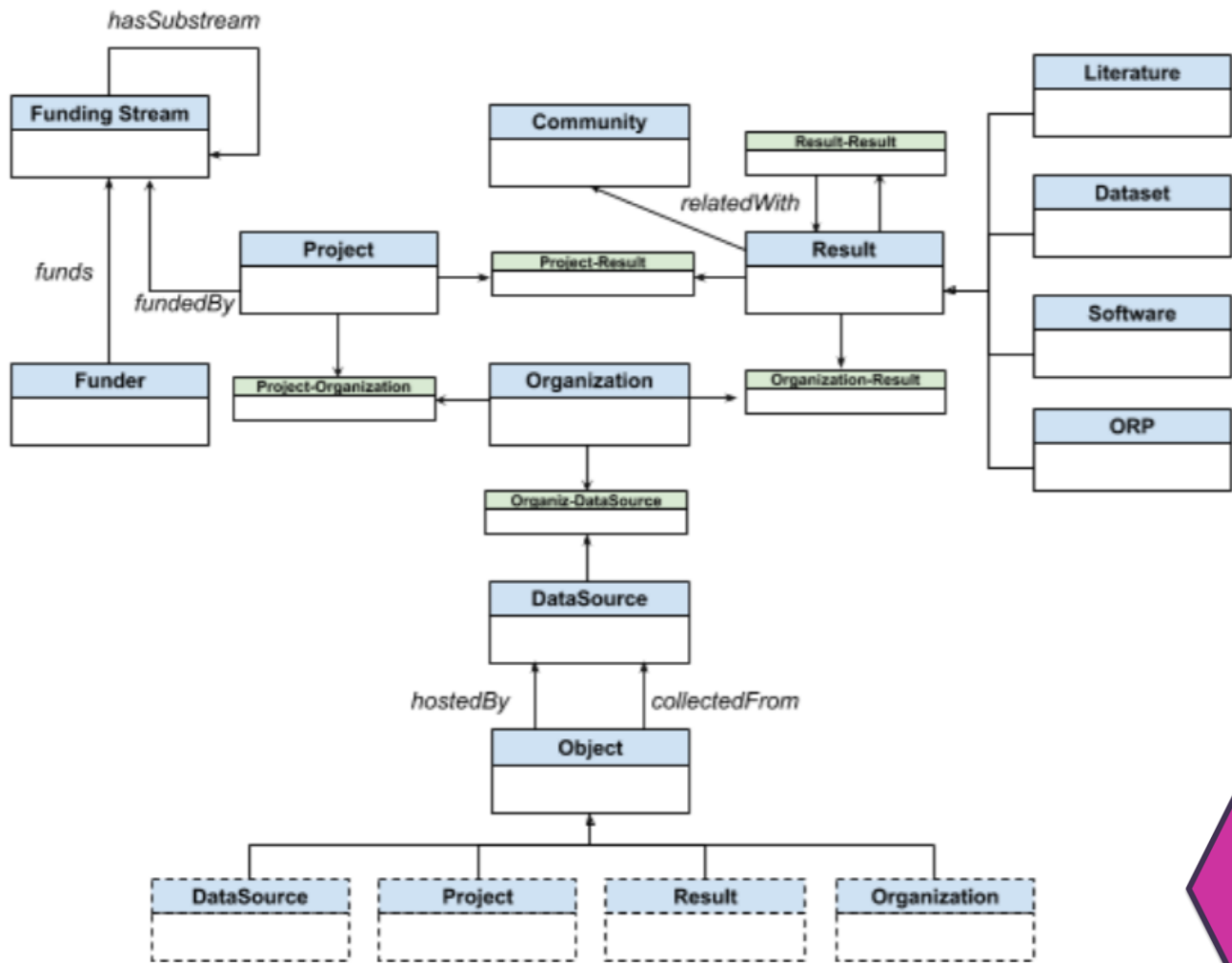
Γράφοι για την Ανοικτή Επιστήμη



Τύποι Γράφων



OpenAIRE Research Graph



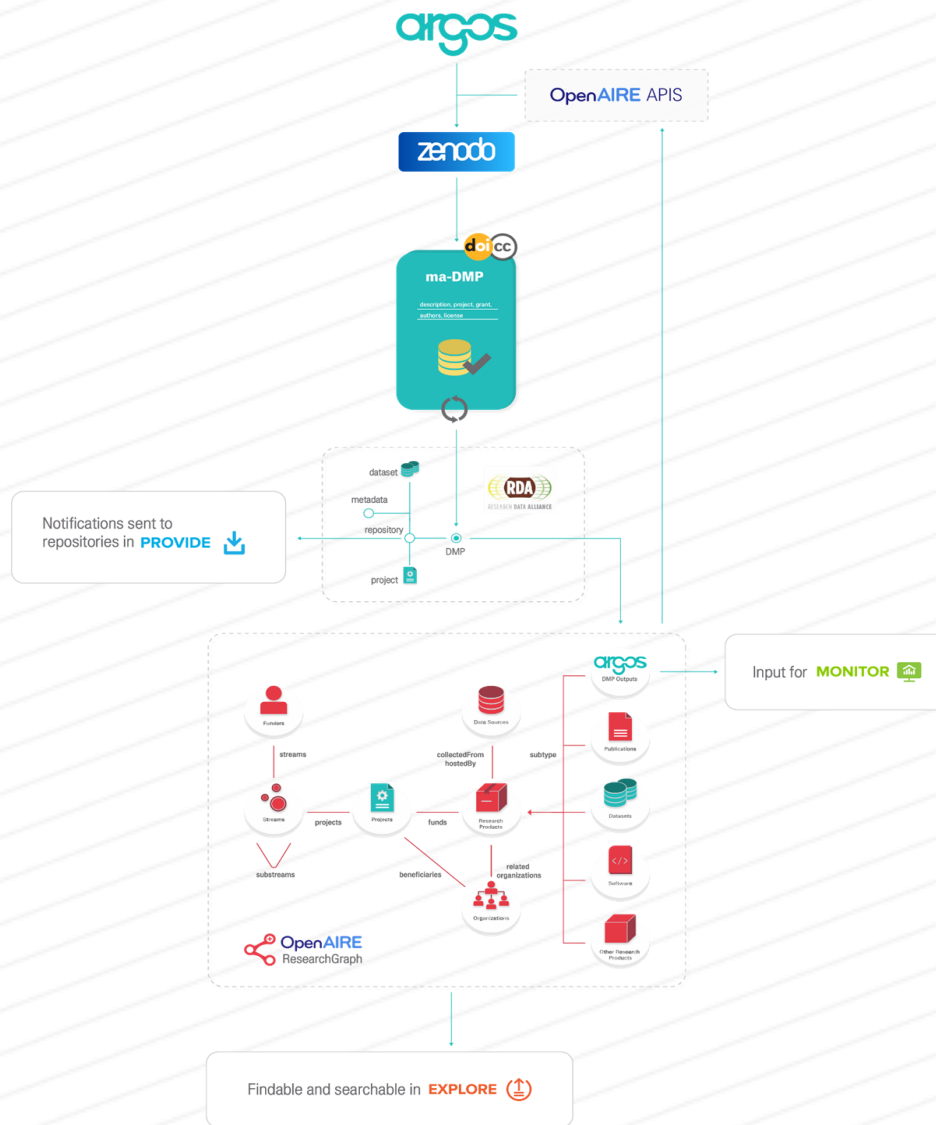
Ερωτήσεις

- Ποιες είναι οι διαφορές μεταξύ των ΣΔΔ και των μηχανικώς αξιοποιήσιμων ΣΔΔ;
- Είναι τα ΣΔΔ εύκολα ανιχνεύσιμα;
- Περιγράφονται τα ΣΔΔ σε Γράφους Ανοικτής Επιστήμης;
- Ποιες πληροφορίες αποτυπώνει το OpenAIRE Research Graph;
- Πώς τα μηχανικώς αξιοποιήσιμα ΣΔΔ του Argos εμπλουτίζουν το OpenAIRE Research Graph;

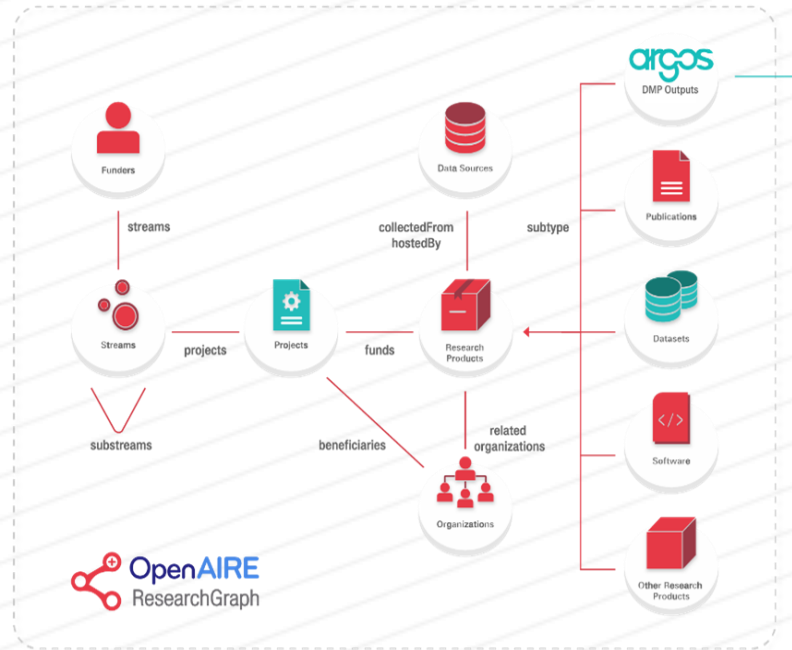
Η περίπτωση του OpenAIRE



Διασύνδεση στο OpenAIRE



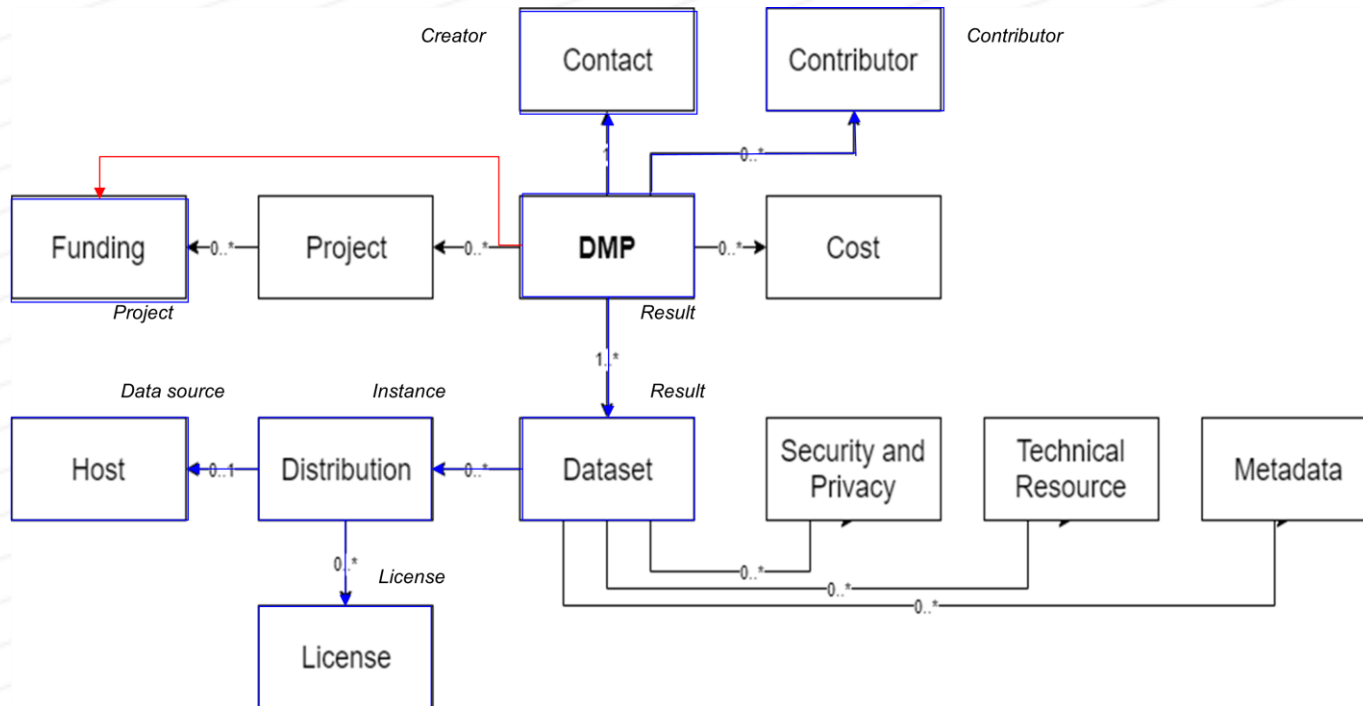
Διασύνδεση στο OpenAIRE



Findable and searchable in **EXPLORE** (↑)



Αντιστοίχιση μεταξύ μοντέλων



RDA-DMP-Common-Standard entity

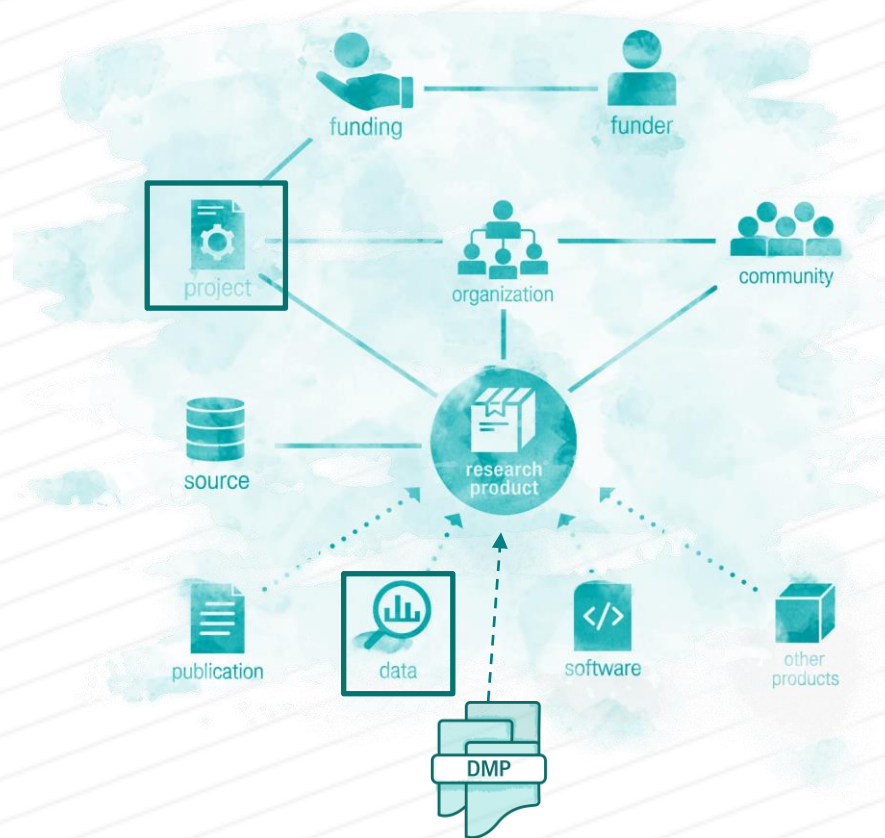
RDA-DMP-Common-Standard entity also in OpenAIRE

→ RDA-DMP-Common-Standard relationship

→ Relationship/property in OpenAIRE and RDA-DMP-Common-Standard

→ Relationship/property in OpenAIRE

Νέες οντότητες και σημασιολογικές σχέσεις



OpenAIRE Research Graph

- “hasDMP”/”hasProject”
- “hasDataset”
- “hasDMP”

Common Standard από το Argos

- Contact
- Cost
- Language
- License

(Περισσότερα στο Argos

- ethics, security, quality, and preservation)



OpenAIRE | EXPLORE

Ανιχνευσιμότητα 1/2

RESEARCH OUTCOMES (84) PROJECTS (2,812,592) CONTENT PROVIDERS (78,064) ORGANIZATIONS (147,114)

Filters

X Data Management Plan

Results per page:

10

Sort by:

Relevance

Download Results

Access Mode (1)

Open Access (82)

Result Types (4)

- Publications
- Research data
- Software
- Other research products

Year range

e.g. 1800 - e.g. 2030

THIS YEAR | LAST 5 YEARS | LAST 10 YEARS

Funder (1)

European Commission (23)

Type (4)

Clear

- Data Management Plan (84)
- Other literature type (62)
- Article (13)
- Preprint (2)

Language (3)

- English (36)
- Portuguese (2)
- French (1)

84 RESEARCH OUTCOMES, PAGE 4 OF 9

< 2 3 4 5 6 >

Publication · Data Management Plan · Article · 2017
Data Management Plan: Opening access to economic data to prevent tobacco related diseases in Africa

OPEN ACCESS ENGLISH

Authors: Woolfrey, Lynn;

Publisher: Pensoft Publishers

The purpose of this project is to demonstrate that tobacco-related data from selected Africa countries can be collected and distributed from an Open Data platform. The platform and data will improve the capacity for tobacco control research in key sub-Saharan African co...

Publication · Other Literature Type · Data Management Plan · 2019

The data management plan of Alien-CSI

OPEN ACCESS ENGLISH

Authors: Groom, Quentin John; Adriaens, Tim; Cardoso, Ana Cristina; Essl, Franz; Martinou, Kelly; Moen, Toril Loennechen; Jan Perg, Jan; Pocock, Michael; Reyserhove, Lien; Schade, Sven; ...

DOI: 10.5281/zenodo.3265765 10.5281/zenodo.3265764

Publisher: Zenodo

This document describes the data management principles and policies of the Alien CSI COST Action. This action aims to increase public awareness and levels of participation on issues related to invasive alien species and citizen science.

Publication · Data Management Plan · Other Literature Type · 2020

WorldBank_WDI_Visulization - DMP

OPEN ACCESS ENGLISH

Authors: Lincoln, Craig N;

DOI: 10.5281/zenodo.3757220 10.5281/zenodo.3757219 10.5281/zenodo.3757520

Initial DMP

Ανιχνευσιμότητα 2/2

↑ -- data management plan --

URI	http://purl.org/coar/resource_type/c_ab20
Definition (en)	A formal document that outlines how and where data will be collected and managed, both during and after a research project (Adapted from Wikipedia)
Preferred label (en)	data management plan
Preferred label (es)	plan de gestión de datos
Preferred label (ca)	pla de gestió de dades
Preferred label (fr)	plan de gestion de données
Preferred label (de)	
Preferred label (ja)	
Preferred label (nl)	
Preferred label (ru)	
Preferred label (it)	
Preferred label (sl)	
Alternative label (ca)	
Alternative label (ru)	
Alternative label (ru)	
Alternative label (sl)	
Exact match	
Exact match	
Broader	

zenodo.org/deposit/new?c=argos

Internet Archive: Di... YouTube - Eli...
Specify communities which you wish your upload complies with the content policy of the community

Start typing a community name...

argos
Argos DMP outputs

Upload type

Publication type

- Book
- Book section
- Conference paper
- Data management plan**
- Journal article
- Patent
- Preprint
- Project deliverable
- Project milestone
- Proposal
- Report
- Software documentation
- Taxonomic treatment
- Technical note
- Thesis
- Working paper
- Other

Journal article

OpenAIRE Guidelines

Search docs

CURRENT GUIDELINES

- OpenAIRE Guidelines for Literature Repositories
- OpenAIRE Guidelines for Data Archives
- OpenAIRE Guidelines for CRIS Managers
- Draft OpenAIRE Guidelines for Software Repository Managers
- Draft OpenAIRE Guidelines for Other Research Products

HOW TO CONTRIBUTE

- Contributing

APPENDIX

- How the Horizon 2020 Open Access requirements are met

Χρήση του Argos

Ερευνητές



Οργανισμοί



Ερευνητικές κοινότητες



Βιβλιογραφία

- 1.A. Aryani, M. Fenner, P. Manghi, A. Mannocci and M. Stocker, "Open Science Graphs Must Interoperate!", 24th International Conference on Theory and Practice of Digital Libraries (TPDL), Lyon, France, 2020. doi: 10.1007/978-3-030-55814-7_16
- 2.European Commission. (2016). European Cloud Initiative - Building a competitive data and knowledge economy in Europe. Luxembourg: Office for Official Publications of the European Communities.
- 3.Fajar J. Ekaputra, João Cardoso, Leyla Garcia, Marie Christine Jacquemot. The standard Ontology. Retrieved from: <https://w3id.org/dcs/ns/core/3.0.2>
- 4.Manghi, Paolo, Bardi, Alessia, Atzori, Claudio, Baglioni, Miriam, Manola, Natalia, Schirrwagen, Jochen, & Principe, Pedro. (2019, April 17). The OpenAIRE Research Graph Data Model (Version 1.3). Zenodo. <http://doi.org/10.5281/zenodo.2643199>
- 5.Papadopoulou, Elli, Kakalettris, Georgios, Tziotzios, Diamadis, Moa, Hanne, & Hasan, Adil. (2020). ARGOS: a collaborative tool to plan and follow your data. Zenodo. <http://doi.org/10.5281/zenodo.3898249>
- 6.Wilkinson, M., Dumontier, M., Aalbersberg, I. et al. The FAIR Guiding Principles for scientific data management and stewardship. Sci Data 3, 160018 (2016). <https://doi.org/10.1038/sdata.2016.18>
- 7.Houssos, Nikos, et al. "OpenAIRE guidelines for CRIS managers: supporting interoperability of open research information through established standards." Procedia Computer Science 33 (2014): 33-38.
- 8.Schirrwagen, Jochen, & Baglioni, Miriam. (2018). OpenAIRE Guidelines for institutional and thematic repository managers 4.0 (Version 4.0.0). Zenodo.
- 9.European Commission. Template Horizon 2020 Data Management Plan (DMP). https://ec.europa.eu/research/participants/data/ref/h2020/other/gm/reporting/h2020-tpl-oa-data-mgt-plan-annotated_en.pdf
- 10.Miksa T, Simms S, Mietchen D, Jones S (2019) Ten principles for machine-actionable data management plans. PLOS Computational Biology 15(3): e1006750. <https://doi.org/10.1371/journal.pcbi.1006750>

Useful Resources

- Argos in OA Week 2021:
<https://www.openaire.eu/blogs/argos>
- User Guide: <https://argos.openaire.eu/user-guide>
- Factsheet:
<https://argos.openaire.eu/splash/assets/media-kit/Factsheet.pdf>
- FAQs:
<https://argos.openaire.eu/splash/about/faqs.html>
- Contact us: argos@openaire.eu

Data Management Plans and Linked Open Data: exploiting machine actionable data management plans through Open Science Graphs

Elli Papadopoulou¹[0000-0002-0893-8509], Alessia Bardi²[0000-0002-1112-1292], George Kakalet-
ris¹[0000-0002-2095-1220], Diamadis Tziotzios¹[0000-0003-1670-4611], Paolo Manghi²[0000-0001-7291-
3210] and Natalia Manola¹[0000-0002-3477-3082]

¹ Athena Research and Innovation Center, 6 Artemidos, 15125 Athens, Greece

² Consiglio Nazionale delle Ricerche, 1 Via Moruzzi
56124, Pisa, Italy

Elli Papadopoulou elli.p@athenarc.gr

Alessia Bardi alessia.bardi@isti.cnr.it

George Kakalettris gkakas@athenarc.gr

Diamadis Tziotzios dtziotzios@athenarc.gr

Paolo Manghi paolo.manghi@isti.cnr.it

Natalia Manola nmanola@athenarc.gr



www.athenarc.gr

ΕΥΧΑΡΙΣΤΩ/GRÀCIES/ΗΒΑΛΑ/DĚKUJI/TAK/DANK
JEWEL/AITÄH/KIITOS/MERCI/DANKE/KÖSZNÖNÖ/
GRAZIE/PALDIES/AČIŮ/GRAZZI/TAKK/DZIEKUJE
OBRIGADO/MULTUMESC/СПАСИБО/ХВАЛА
ΗΒΑΛΑ/БЛАГОДАРЯ/THANKYOU/TAK/GRACIAS
/KIITOS/TACK/TEŞEKKÜREDERİM/СПАСИБИ/
JUFALEMINDERIT/ΕΥΧΑΡΙΣΤΩ/DANKJEWEL/TAK
TACK/GRAZZI/DANKJEWEL/MULTUMESC/AITÄH
KÖSZNÖNÖ/СПАСИБО/ХВАЛА/AČIŮ/THANKYOU

ΕΥΧΑΡΙΣΤΩ

Έλλη Παπαδοπούλου

elli.p@athenarc.gr

ORCID

0000-0002-0893-8509



@elli_lib



www.athenarc.gr