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ΣΤΙΤΟΥΤΟ ΤΗΛΗΡΟΦΟΡΙΑΚΩΝ ΣΥΣΤΗΜΑΤΩ
Ν (**ΙΠΣΥ**)/INSTITUTE FOR THE MANAGEME
NT OF INFORMATION SYSTEMS (**IMIS**)/ΜΟ
ΝΑΔΙΑΣΤΗΜΑΤΩΝ ΠΡΟΓΡΑΜΜΑΤΩΝ
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ΓΙΚΩΝ ΣΥΜΠΕΡΑΤΙΚΩΝ ΣΥΝΕΡΓΑΣΙΩΝ/
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Research & Innovation
Information Technologies

Argos adoption of RDA ma-DMP standard and integration with the OpenAIRE ecosystem

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Overview

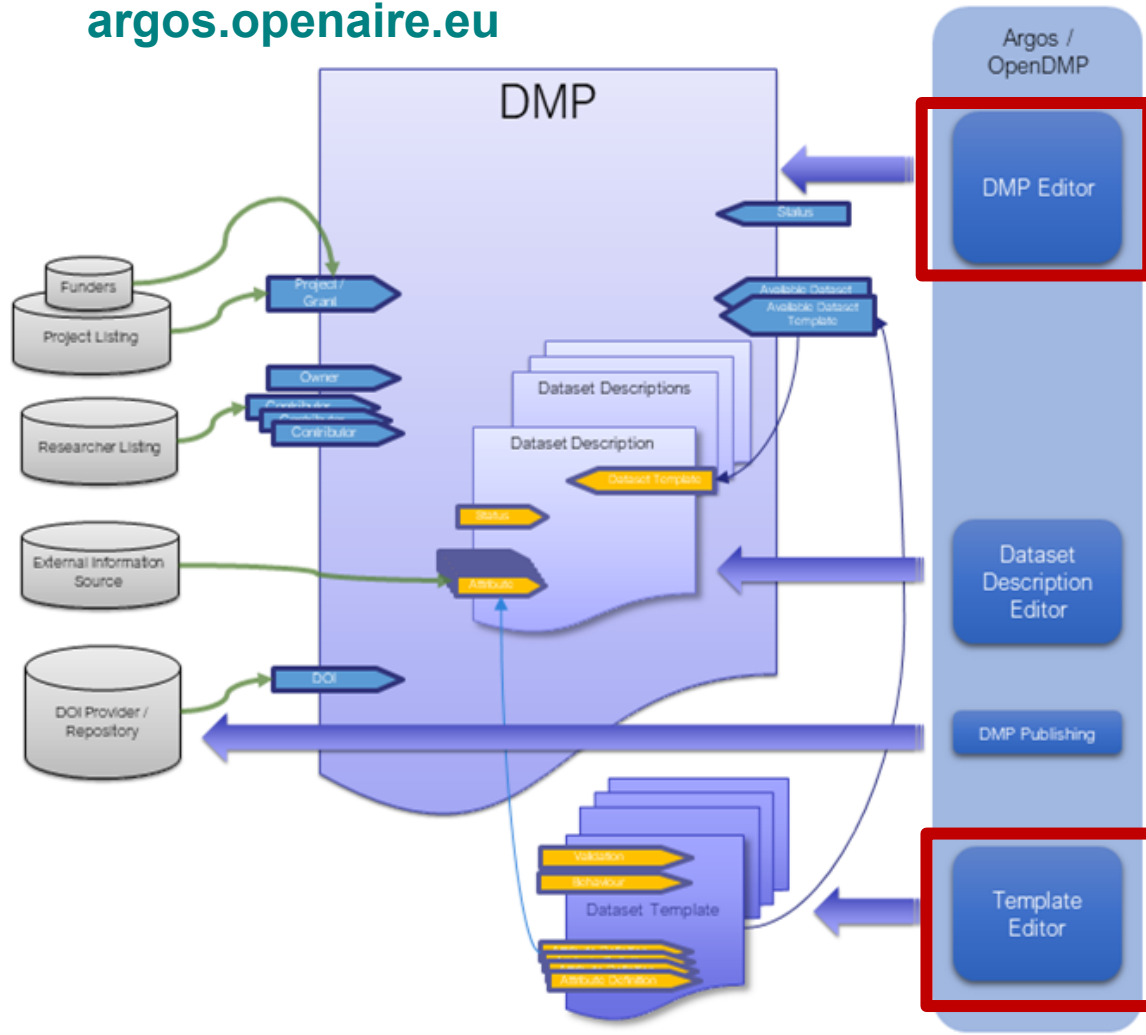
Compliance

- Models
- How / where it is met
- Challenges
- Adjustments

Exploitation

- OpenAIRE Research Graph
- DMP Discoverability

Compliance



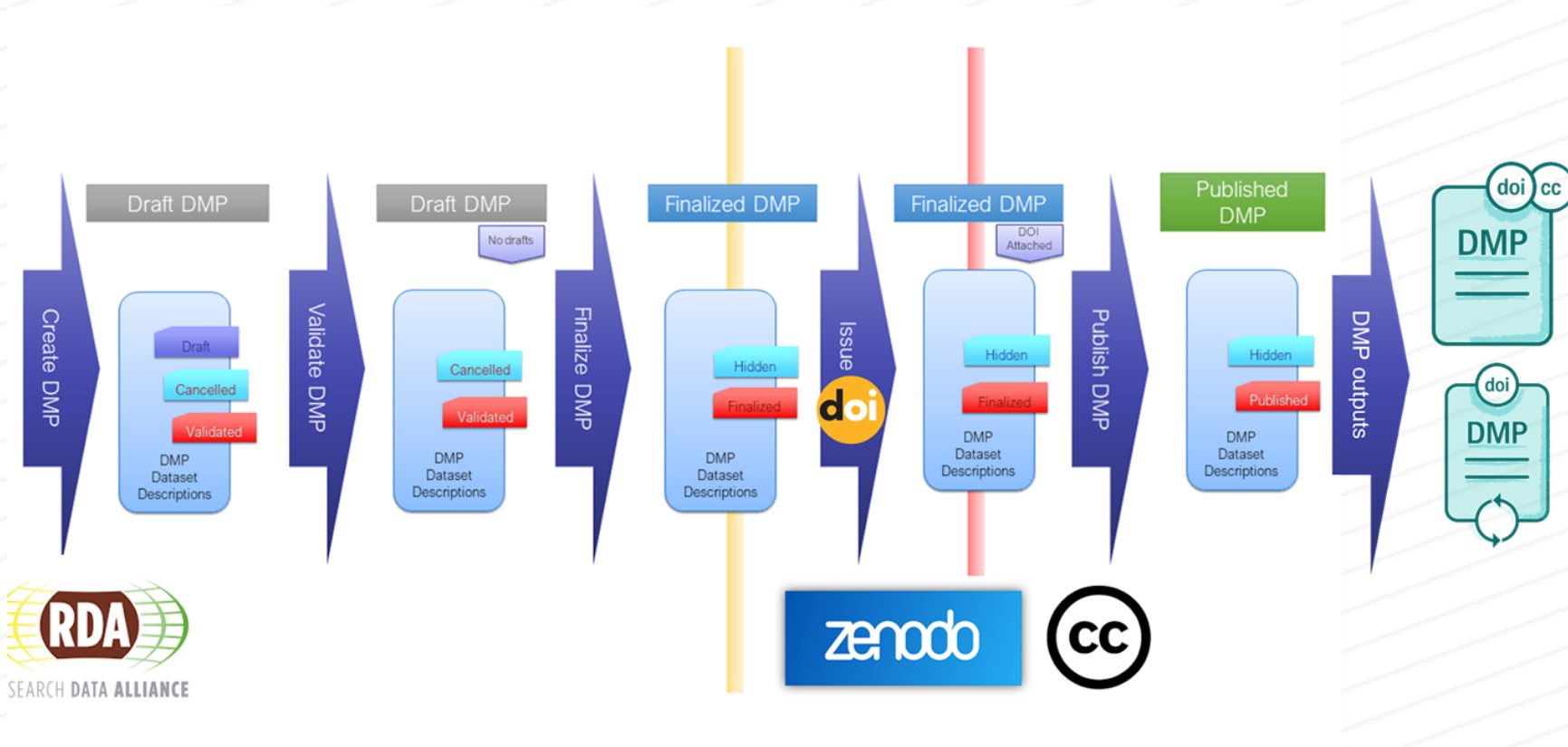
Challenges:

- Systemic / fixed fields vs custom / flexible fields
- DMPs -> multiple Datasets
- Different levels (datasets vs DMPs)

Adjustments:

- New feature in template model / editor: semantic tags
- Tweaks on import / export mechanism: heuristics, cardinality etc
- New elements: Contact, Cost, Language, License etc

DMP Lifecycle in Argos



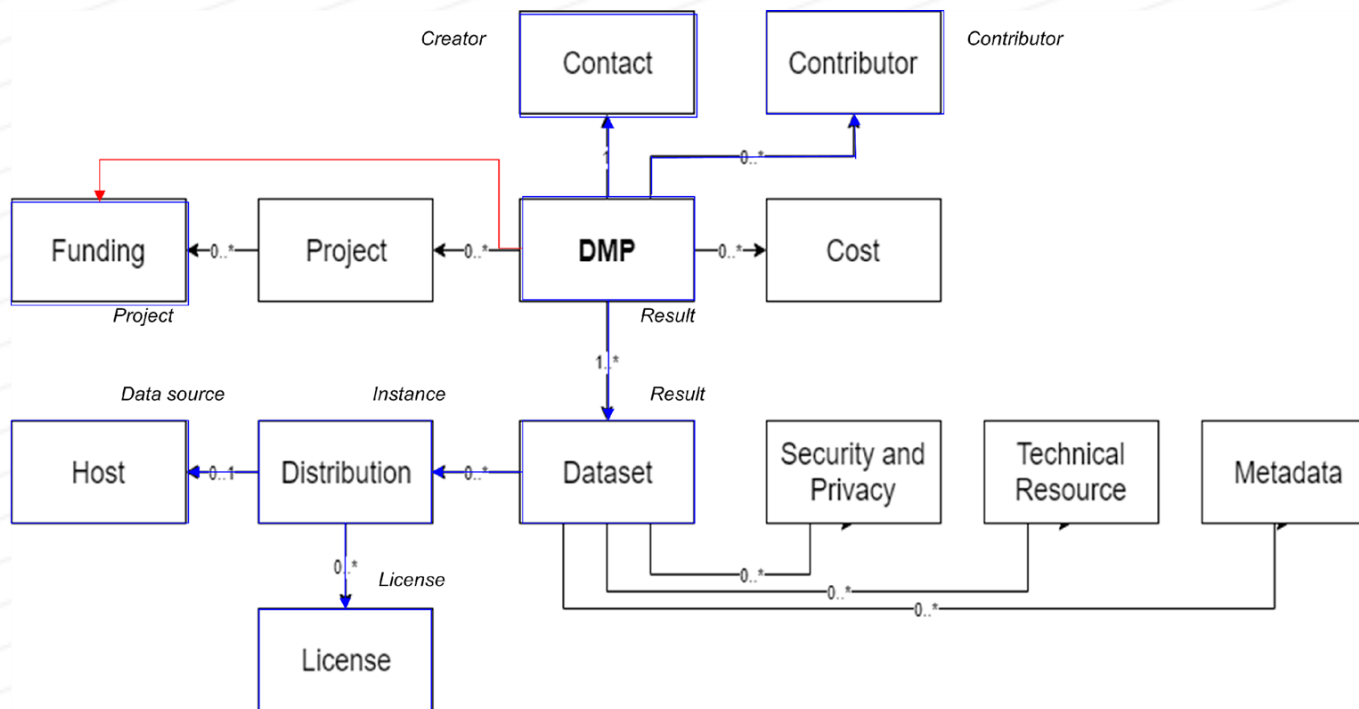
Exploitation



**Machine-actionable DMPs - tell us your story! |
RDA VP16 in Costa Rica, 12/11/2020**

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Mapping between models – RDA x RG



RDA-DMP-Common-Standard entity

RDA-DMP-Common-Standard entity also in OpenAIRE

OpenAIRE entity name

→ RDA-DMP-Common-Standard relationship

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

→ Relationship/property in OpenAIRE

Discoverability 1/2

↑ -- 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	

The screenshot shows a web form for depositing a document. A dropdown menu is open, listing various document types. 'Data management plan' is highlighted in blue. Below the dropdown, there is a search bar for community names and a logo for 'Argos DMP outputs'.

- 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

Start typing a community name...

argos
Argos DMP outputs

Upload type

Publication type

Publication

Post

The screenshot shows the OpenAIRE Guidelines website. It features a search bar and a list of guidelines under the heading 'CURRENT GUIDELINES'.

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

Discoverability 2/2

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

New entities and relationships



OpenAIRE Research Graph

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

Argos to enrich the RG with ma-DMPs providing extra metadata for datasets (e.g. ethics, security, quality, and preservation)

Sum up of findings

- Tool's models may not map directly to maDMP entities
 - Absence of elements
 - Different level of abstraction / Not fully aligned semantics (contributors at various levels)
 - Different context of elements
 - Different cardinality
- Solutions applied
 - a. Use more abstract/general fields of OpenAIRE or Argos, though diverged in cardinality and / or data type (e.g. use primary)
 - b. Omit elements
 - c. Use extra area for additional data
- DMPs are mainstream entities now!
- Adoption of term “data-management-plan” by repositories
- Schema versioning is essential

Useful Resources

- What's New: <https://www.openaire.eu/openaire-welcomes-argos-new-version>
- 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

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JEWEL/AITÄH/KIITOS/MERCI/**DANKE**/KÖSZNÖNÖ/
GRAZIE/PALDIES/**AČIŪ**/GRAZZI/TAKK/DZIEKUJĘ
OBRIGADO/MULTUMESC/**СПАСИБО**/ХВАЛА
HVALA/**БЛАГОДАРЯ**/THANKYOU/TAK/**GRACIAS**
/KIITOS/TACK/TEŞEKKÜREDERİM/**СПАСИБЫ**/
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KÖSZNÖNÖ/СПАСИБО/ХВАЛА/AČIŪ/THANKYOU



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