DMP OPIDoR : machine actionability in the French ecosystem.

BENJAMIN FAURE – DMP OPIDOR LEAD DEVELOPER
A bit of context

National Partners

63 research organizations
12k users & 15k DMPs
Ruby on Rails, based on DMPRoadmap
In production since November 2016

International Partners

RDA DMP Commons Standards
November 2021: Structured Templates
- Fill your DMP in a structured way
  - Use internal registries: https://dmp.opidor.fr/static/about_registries

- Budget & Contributors tabs

- Export your DMP in JSON (Standard & RDA Common Standards format)

- Import funded project information from the French funder registry
A bit of context

```
"acronym": {
  "type": "string",
  "description": "Acronyme du projet",
  "label@fr_Fr": "Acronyme",
  "label@en_GB": "Acronym",
  "form_label@fr_Fr": "Acronyme du projet",
  "form_label@en_GB": "Project acronym"
},
"description": {
  "type": "string",
  "description": "Description du projet",
  "inputType": "textarea",
  "label@fr_Fr": "Résumé",
  "label@en_GB": "Abstract",
  "form_label@fr_Fr": "Résumé du projet",
  "form_label@en_GB": "Project abstract"
},
"funding": {
  "type": "array",
  "table_header@fr_Fr": "Financeur : identifiant du financement",
  "table_header@en_GB": "Funder: funding identifier",
  "items": [
    "type": "object",
    "class": "funding",
    "properties": {}
  ],
  "description": "Source(s) de financement d’un projet ou d’une activité de recherche",
  "label@fr_Fr": "Sources de financement",
  "label@en_GB": "Funding",
  "form_label@fr_Fr": "Indiquer les sources de financement du projet",
  "form_label@en_GB": "Indicate the funding of the project"
}
```

Let's do a demo of our maDMP features

Indicate the funding of the project

<table>
<thead>
<tr>
<th>Funder: funding identifier</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agence Nationale de la Recherche : RDA20TH</td>
<td>Create</td>
</tr>
</tbody>
</table>
### A bit of context

**Project acronym**

| RDA20 |

**Project abstract**

```
Let's do a demo of our maDMP features
```

**Indicate the funding of the project**

<table>
<thead>
<tr>
<th>Funder: funding identifier</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agence Nationale de la Recherche : RDA20TH</td>
<td>![Checkmark]</td>
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</tbody>
</table>

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```
A bit of context

- 2022 updates:
  - Plan import: Standard & RDA Common Standards formats
  - API Swagger
  - External Services access rights & Research Outputs UUIDs
Demo
Filling my DMP

Describe storage needs

I'd like to store the James Webb Space Telescope image collection.

Estimated volume of data

100

Unit

Select a value from the list or type a new one.

TB

Equipments, technical platforms used for data storage and backup

Select a value you want to add to your plan or type a new one.

CFHT: https://cat.opodor.fr/index.php/CFHT

Backup policy

Backup everything 5 times

Create
## Filling my DMP

### Describe the backup policy

<table>
<thead>
<tr>
<th>Backup policy</th>
<th>Backup every 5 times</th>
</tr>
</thead>
</table>

### Backup frequency

- One a week

### Backup type

- Select a value from the list or type a new one.
- Complete

### Storage types

- Select a value from the list or type a new one.

### Selected values

- Sold state drive
- Hard disk drive
Filling my DMP – Registries

 Equipments, technical platforms used for data storage and backup

 Select a value you want to add to your plan or type a new one.

 ABIMS, Plateforme ABIMS, Analysis and Bioinformatics for Marine Science.
 Adisp, Archives de Données issues de la Statistique Publique
 Adonis, Acquisition de DONnées à l’Inra
 Apollon, Laser Apollon
 BCMT, Bureau Central de Magnétisme Terrestre
 BGI, Bureau Gravimétrique International, International Gravimetric Bureau
 Blille, Service en bio-informatique de Lille, Plateforme de bioinformatique de Lille

 (Internal) registries for Partners, metadata standards, file formats
Exports

- Standard format
- RDA Common Standard format
## Contributors tab

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Attributed roles (Associated research outputs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cristiano Ronaldo</td>
<td></td>
<td>• Person in charge of data storage (Research Output 3)</td>
</tr>
<tr>
<td>FAURE Benjamin</td>
<td></td>
<td>• Data contact (Research Output 1, Research Output 2, Research Output 3)</td>
</tr>
<tr>
<td>John Smith</td>
<td></td>
<td>• Project coordinator</td>
</tr>
<tr>
<td>Leo Messi</td>
<td></td>
<td>• Person in charge of data storage (Research Output 3)</td>
</tr>
<tr>
<td>Robert Lewandowski</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[Add a person]
Import: Funders data

Internal registry, updated every 3 months from the government open data
Import DMP

This feature is only available for structured templates.

Format

- Standard
- RDA Common Standard

Structured template

Science Europe: structured template

File

Aucun fichier sélectionné.

Import
Customized forms

Justification for resource request

Formulaire Genci (stockage et sauvegarde des données)
Formulaire GenOuest (stockage et sauvegarde des données)
Formulaire Mésocentre Clermont Auvergne (stockage et sauvegarde des données)
Formulaire Meso@LR (stockage et sauvegarde des données)
Formulaire SPD-CNRS (stockage et sauvegarde des données)
Formulaire standard (stockage et sauvegarde des données)
Formulaire Meso@LR (stockage et sauvegarde des données)

Save
I'd like to store the James Webb Space Telescope image collection.
External Services access

An "external service" can be provided by an organisation, a platform or a data infrastructure. These services are allowed (by DMP OPIDoR team) to automatically collect information that is being captured in data management plan, once you have given them the authorization, in order to offer you some services.

Manage external services

Below is a list of external services that you can authorize to access to your plan content. You may withdraw a service’s right at any time by clicking on the "Remove" button.

<table>
<thead>
<tr>
<th>External Service</th>
<th>Purpose</th>
<th>Permissions</th>
<th>Remove</th>
</tr>
</thead>
<tbody>
<tr>
<td>mésocentre clermont auvergne</td>
<td>Demande d'heures de calcul et/ou espace de stockage</td>
<td>Read only</td>
<td>Remove</td>
</tr>
<tr>
<td>genouest</td>
<td>Demande d'espace de stockage et/ou de calcul Alimentation du système de gestion des comptes utilisateurs</td>
<td>Read only</td>
<td>Remove</td>
</tr>
</tbody>
</table>
Export the plan (JSON) restricted to the research output
Thank you!