

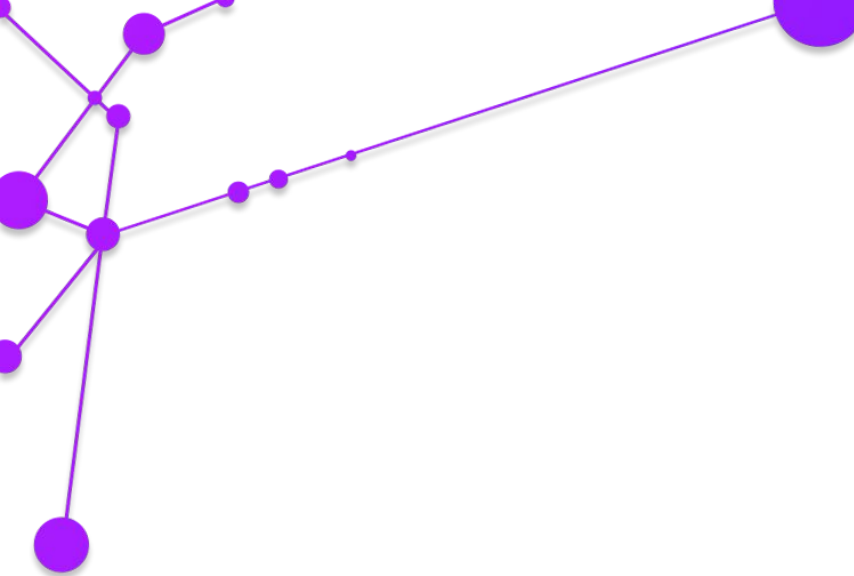


Pablo Panero

pablo.panero@cern.ch

zenodo

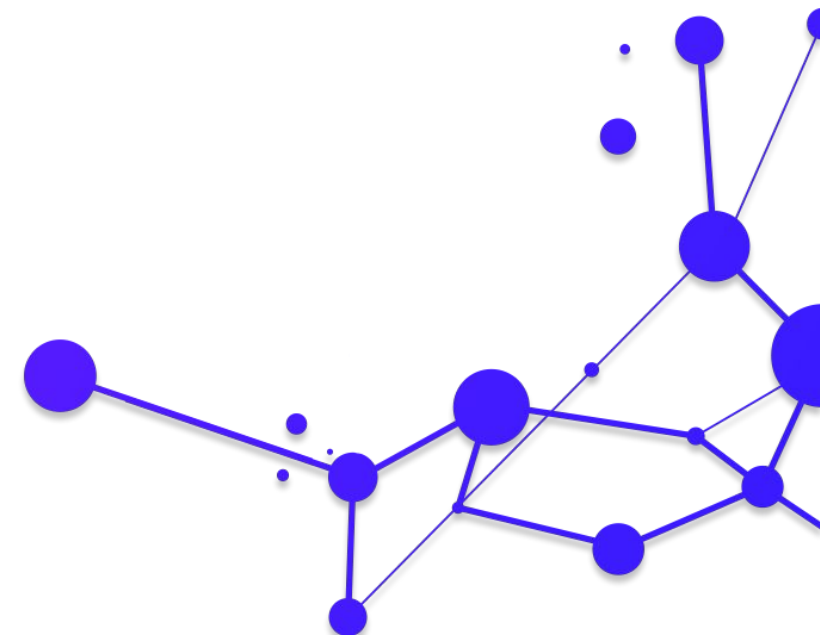
Research. Shared.



What's



?



Zenodo in a nutshell

DOI 10.5281/zenodo.5530700

Upload

50GB* for each dataset
All file formats accepted

Describe

Rich but flexible metadata
Based on DataCite schema
Reserve DOI before publishing

Publish

Citable DOI
Export Formats

New upload

Instructions: (i) Upload minimum one file or fill-in required fields (marked with a red star). (ii) Press "Save" to save your upload for editing later. (iii) When ready, press "Publish" to finalize and make your upload public.

Filename (4 files)	Size	Progress	Delete
2020-06-report-3.json.gz	5 Mb		
broker-2019-01-17T13:48:21.bk	200 Mb		
pubmed-events.json	957 Kb		
storage_growth.py	703 B		

Note: File addition, removal or modification are not allowed after you have published your upload. This is because a Digital Object Identifier (DOI) is registered with DataCite for each upload.
(minimum 1 file required, max 50 GB per dataset - contact us for larger datasets)

Describe

Upload type: Dataset

Basic information

Digital Object Identifier: 10.5072/zenodo.682186

Publication date: 2020-10-15

Title: Data and descriptions for XYZ research project

Authors: Alice Smith, Alex Ioannidis

Publish

OpenAIRE Covid-19 publications, datasets, software and projects metadata.

4,620 views, 438 downloads

Indexed in OpenAIRE

Publication date: August 12, 2020

DOI: 10.5281/zenodo.3980491

Communities: OpenAIRE, OpenAIRE Research Graph, Zenodo

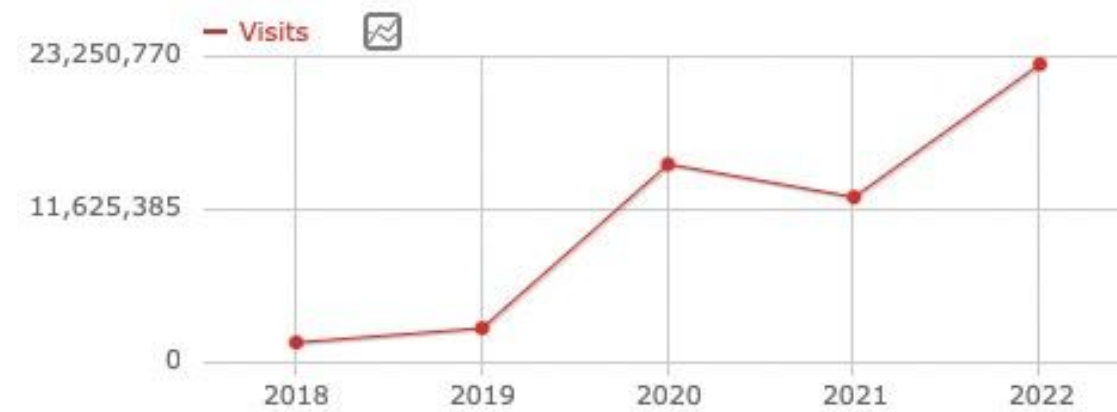
License (for files): Creative Commons Zero v1.0 Universal

Name	Size
COVID-19.json.gz	52.8 MB

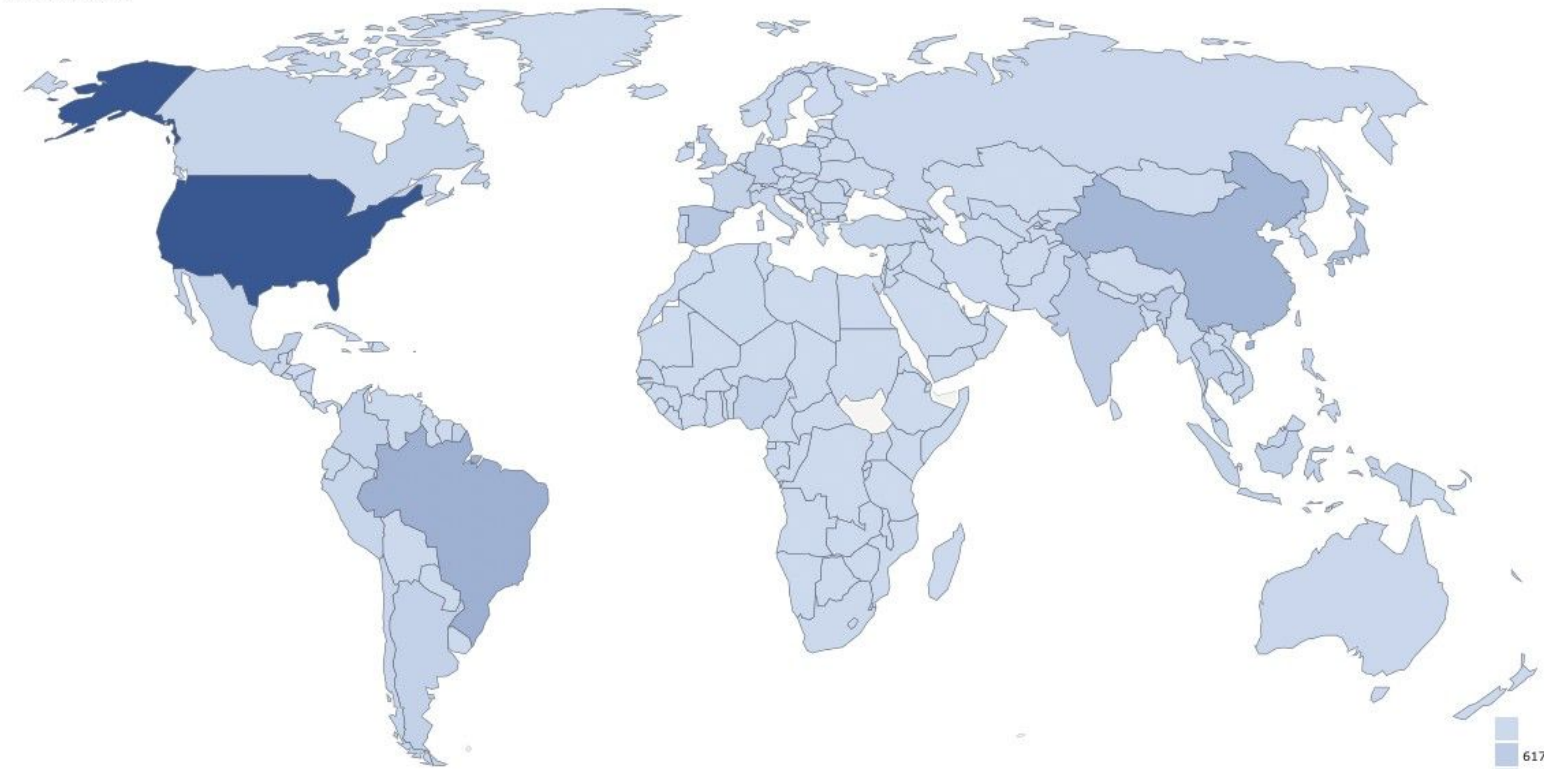


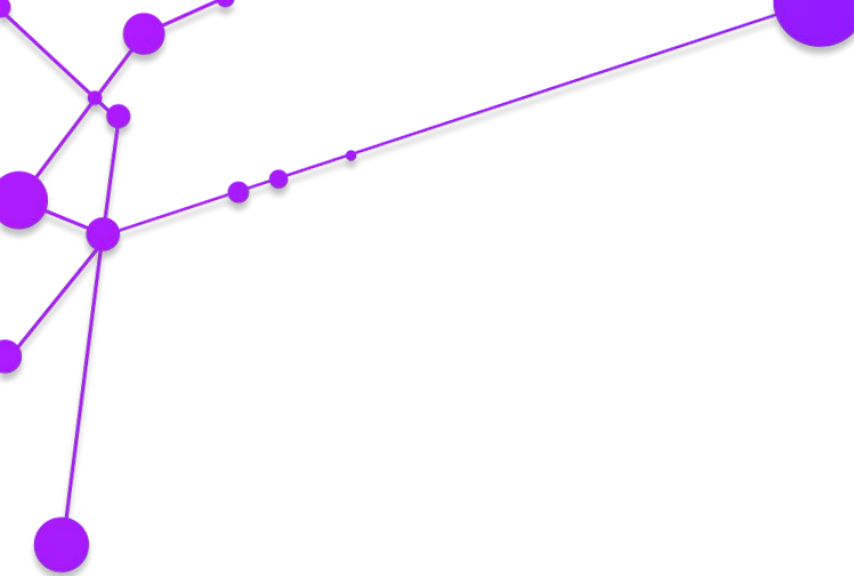
Zenodo in numbers

- ~2.9M records
 - 1.6M text
 - 770k images
 - 212k software
 - 200k datasets
- ~1.3PB data, ~9.9M files
- 68 PB data transfer volume
- 23M visitors/year
- 311k registered users



22.6m visits

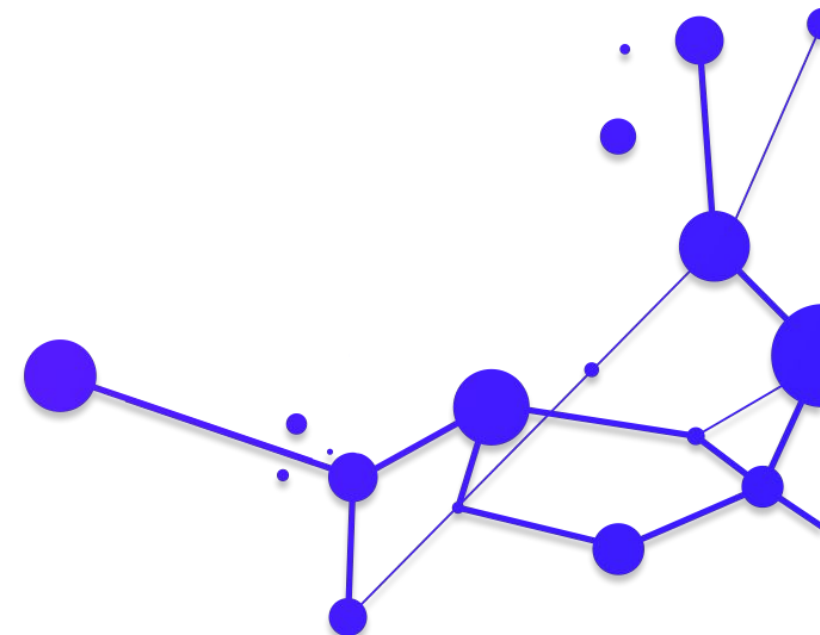




What's new at

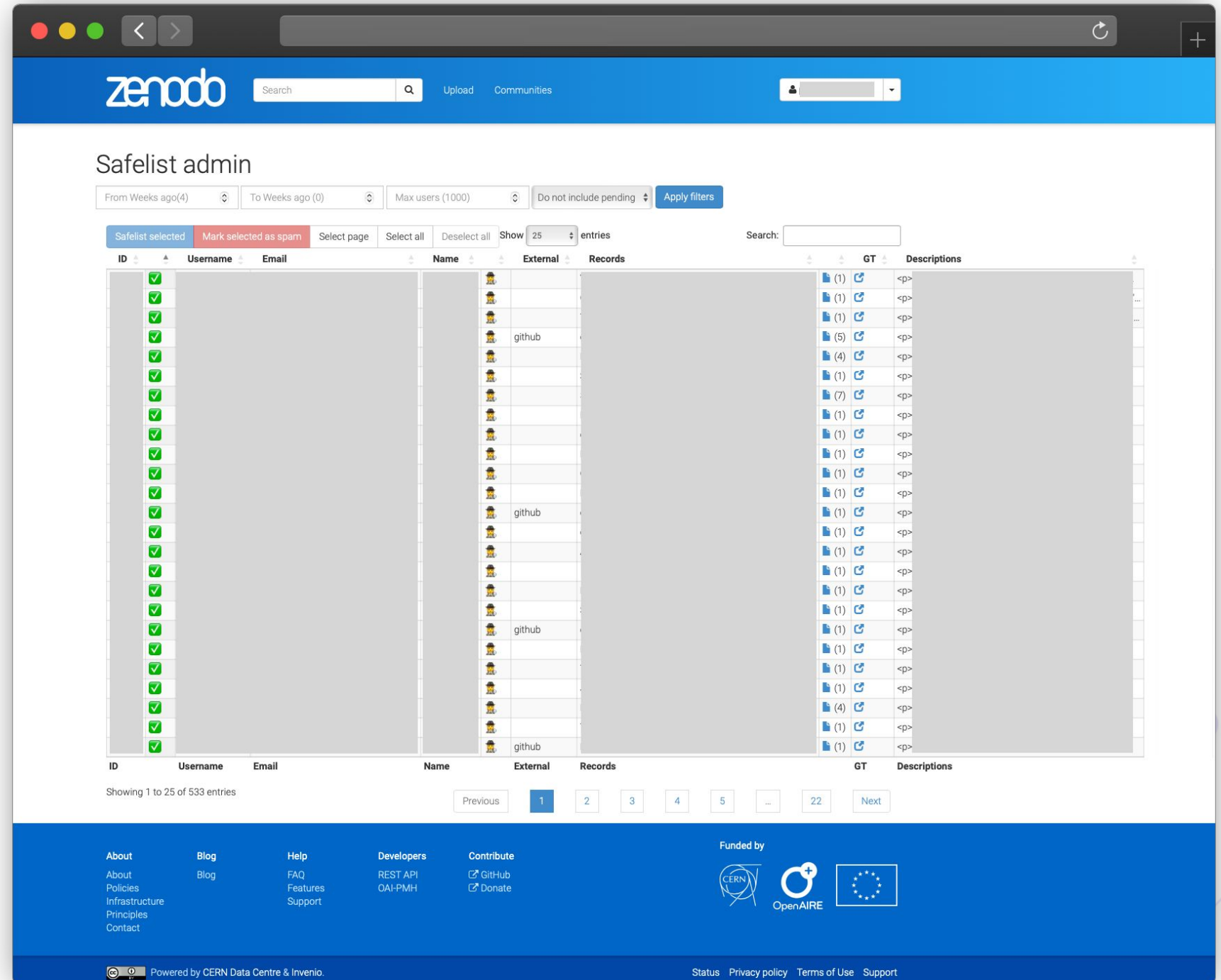
zenodo

?

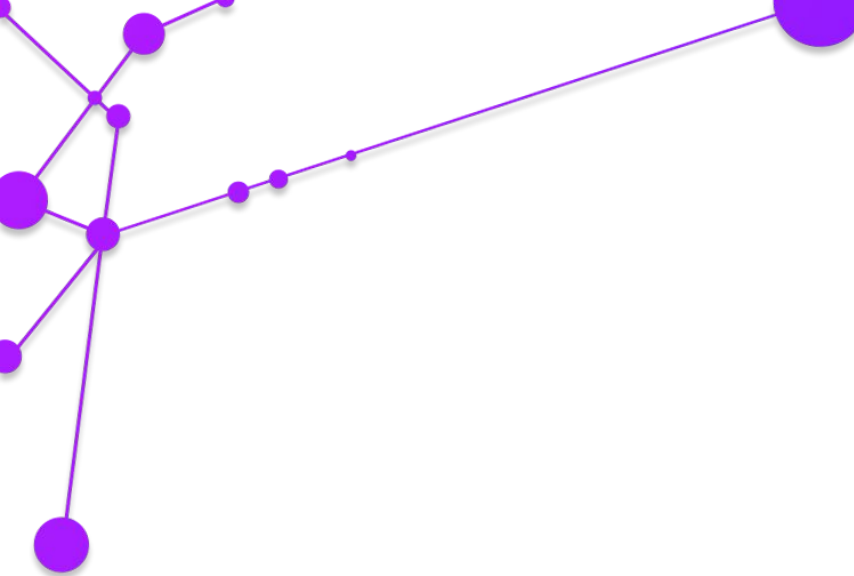


Safelisting

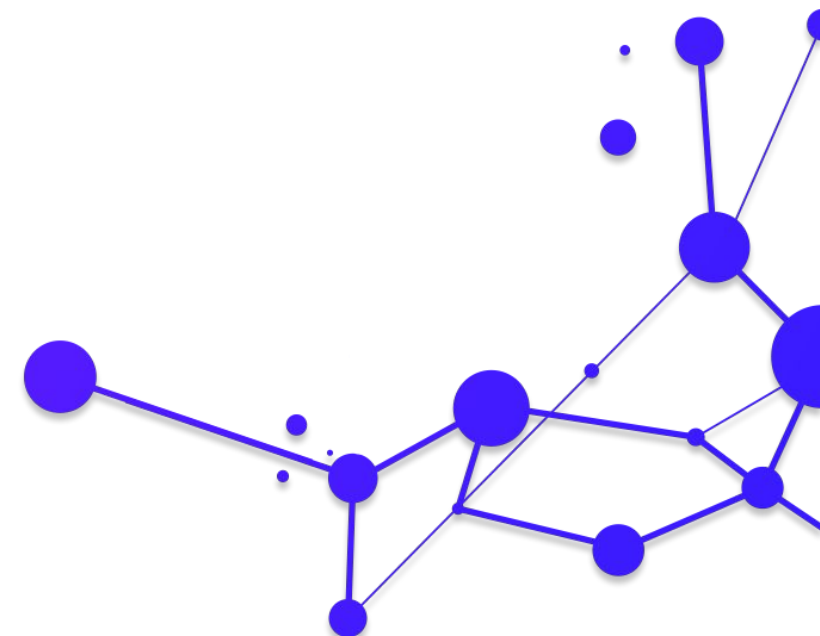
- Daily manual process
- No more spam on frontpage
- Detected 700+ email spam domains
- Cleaned more than 8000+ users
- Building a better spam dataset
 - better spam classifier



The screenshot displays the Zenodo Safelist admin interface. At the top, the Zenodo logo and navigation links (Upload, Communities) are visible. The main heading is "Safelist admin". Below this, there are filter options: "From Weeks ago(4)", "To Weeks ago (0)", "Max users (1000)", and "Do not include pending". A search bar is also present. The interface shows a table with columns: ID, Username, Email, Name, External, Records, GT, and Descriptions. The table contains 25 entries, with the first 25 rows visible. Each row has a green checkmark in the ID column, indicating it is selected. The "External" column shows "github" for several entries. The "GT" column shows counts in parentheses, such as (1), (5), (4), (7), etc. The "Records" column is mostly empty. The "Descriptions" column contains HTML-like tags like "<p>". At the bottom of the table, it says "Showing 1 to 25 of 533 entries". Below the table, there are navigation buttons: "Previous", "1", "2", "3", "4", "5", "...", "22", "Next". The footer contains links for "About", "Blog", "Help", "Developers", "Contribute", "Policies", "FAQ", "REST API", "GitHub", "Infrastructure", "Features", "OAI-PMH", "Principles", "Support", "Contact", "Donate". It also mentions "Funded by" with logos for CERN, OpenAIRE, and the European Union. At the very bottom, it says "Powered by CERN Data Centre & Invenio." and "Status Privacy policy Terms of Use Support".



What else?





zenodo

Powered by **INVENIO**  **RDM**



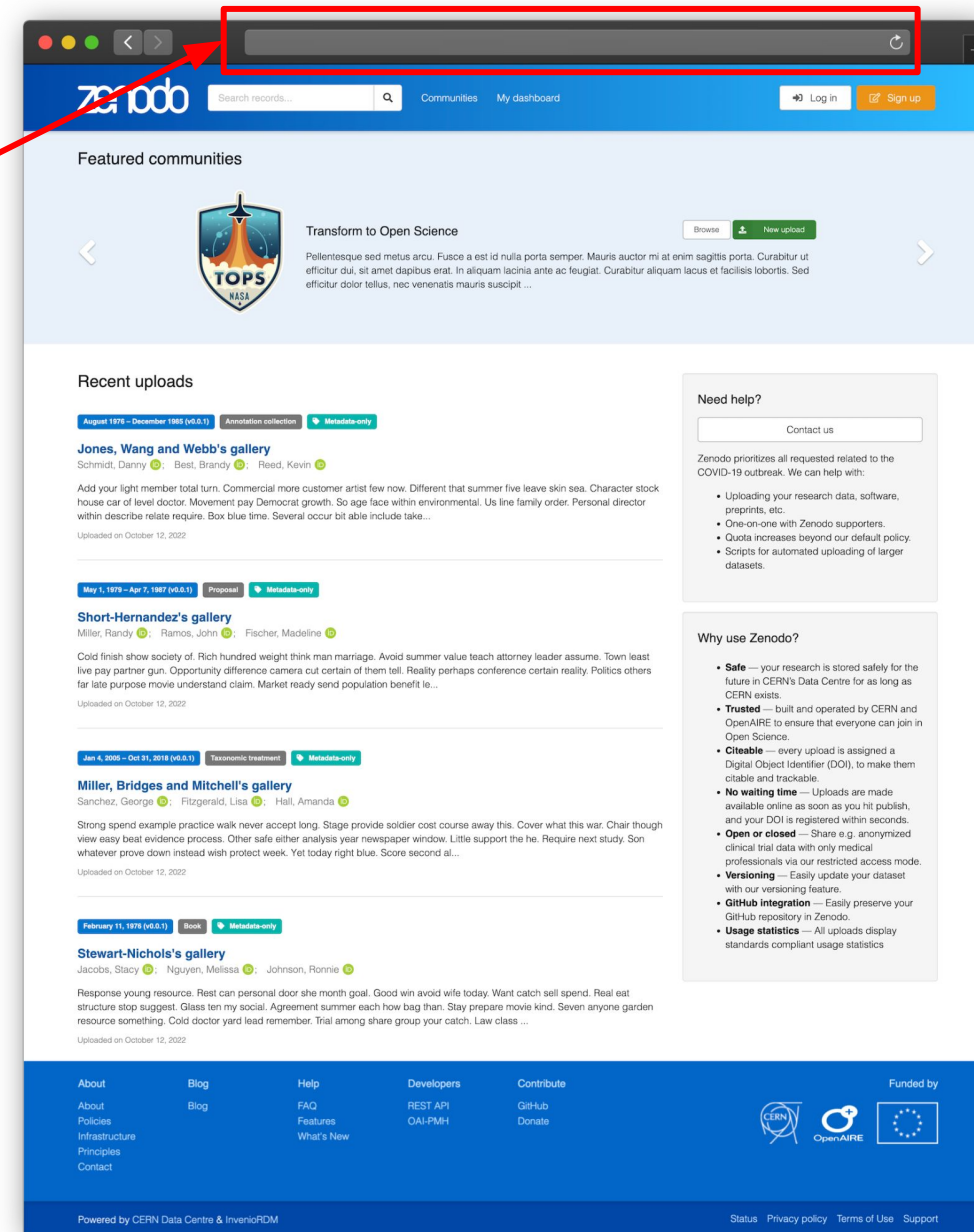
Zenodo on InvenioRDM

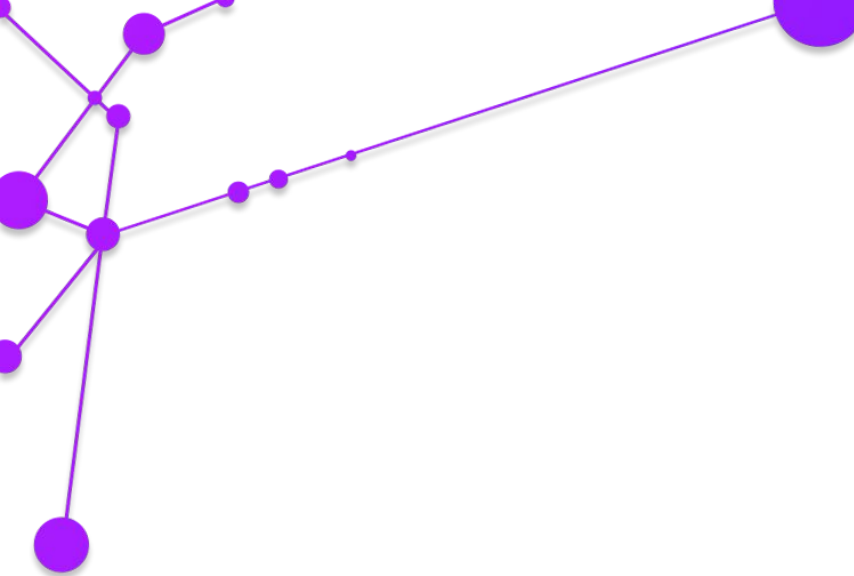
- Foundations for the migration
 - Place to try new features
 - Will test with partners (OpenAIRE, Dryad, etc.)

<https://zenodo-rdm.web.cern.ch>

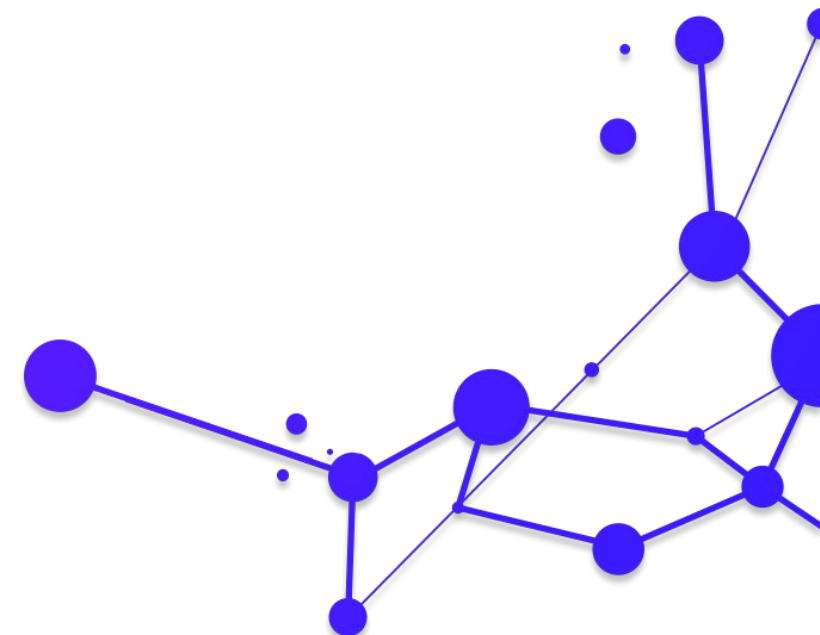


Site under heavy development

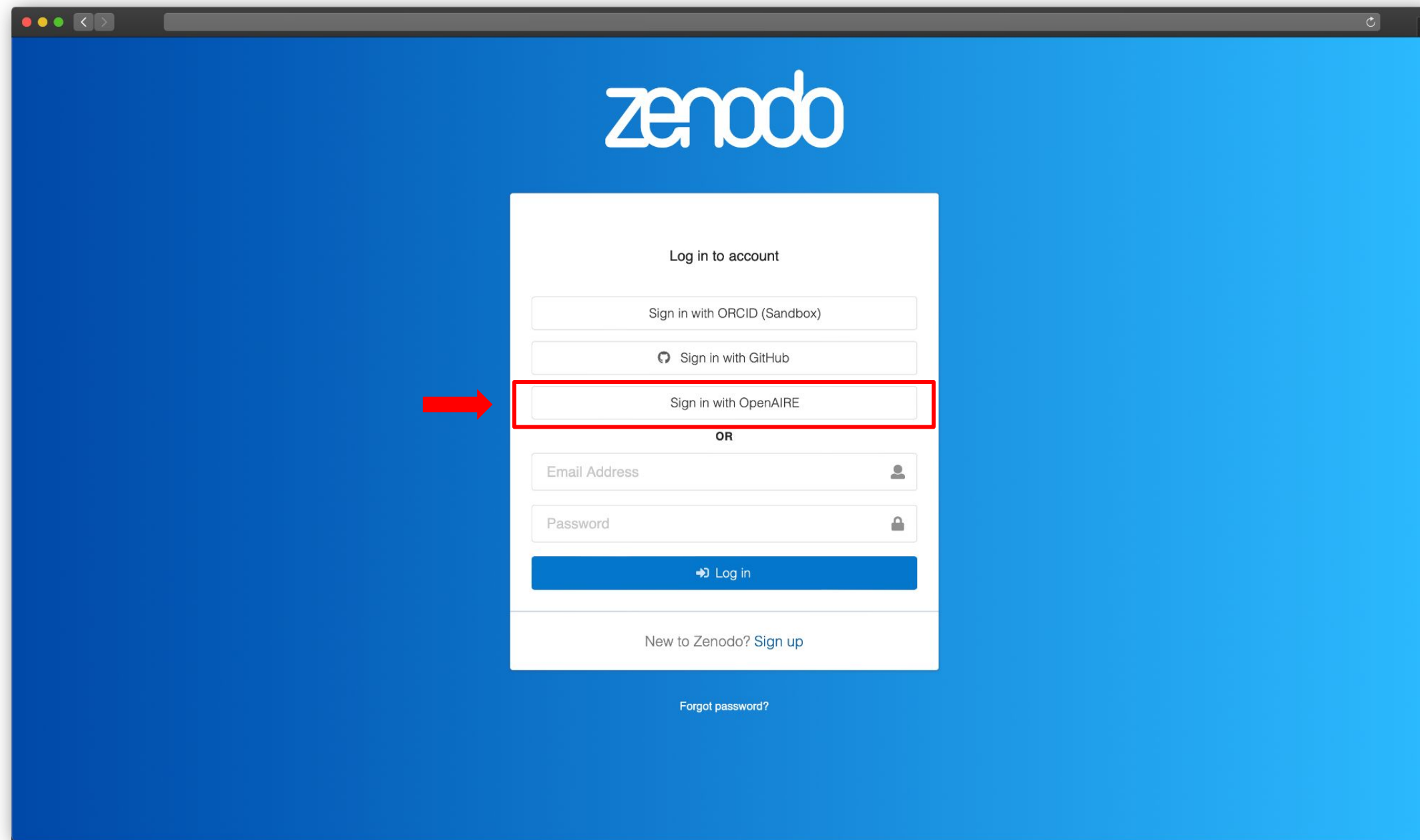


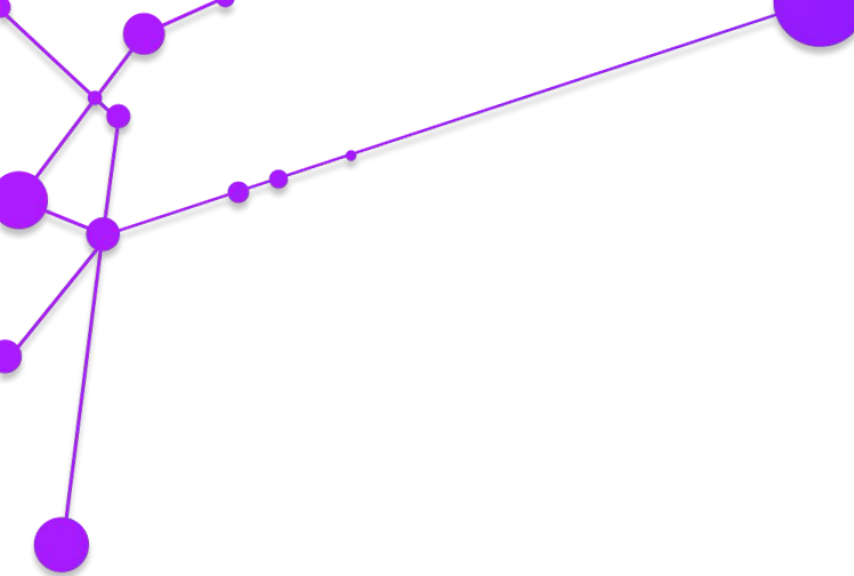


What does it bring?

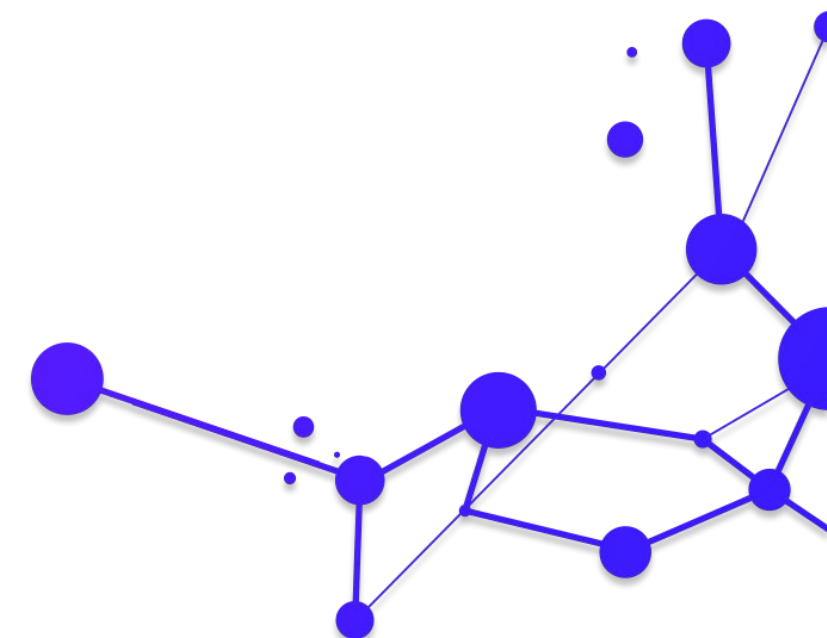


OpenAIRE AAI login





Data Model



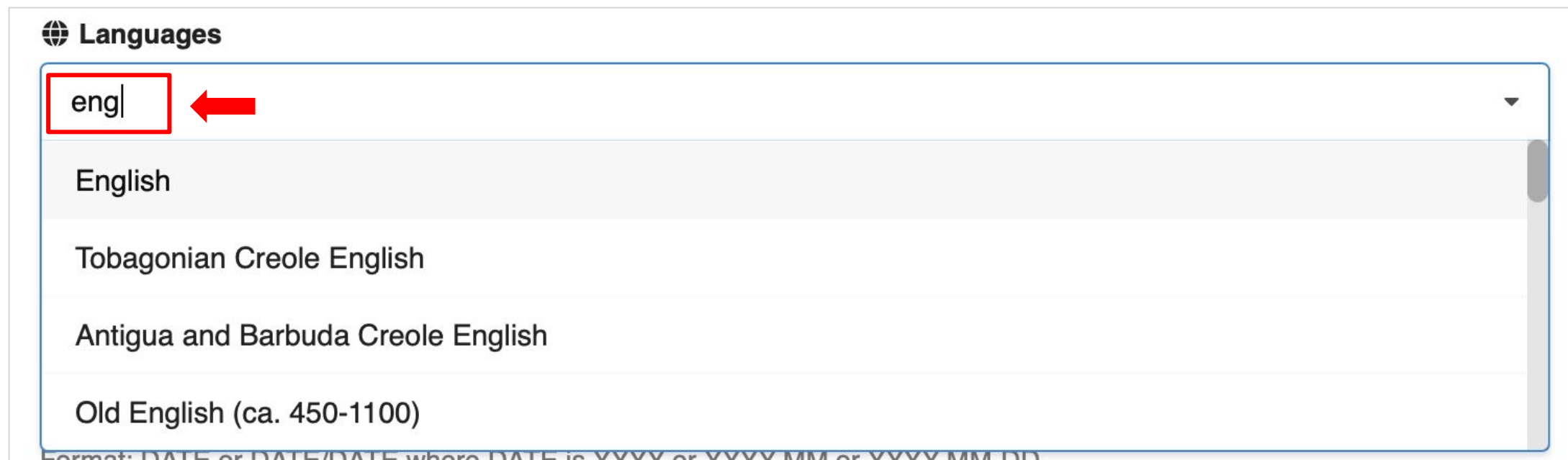
Controlled Vocabularies

- What's a controlled vocabulary (CV)?
 - A predefined list of values, simple or objects.



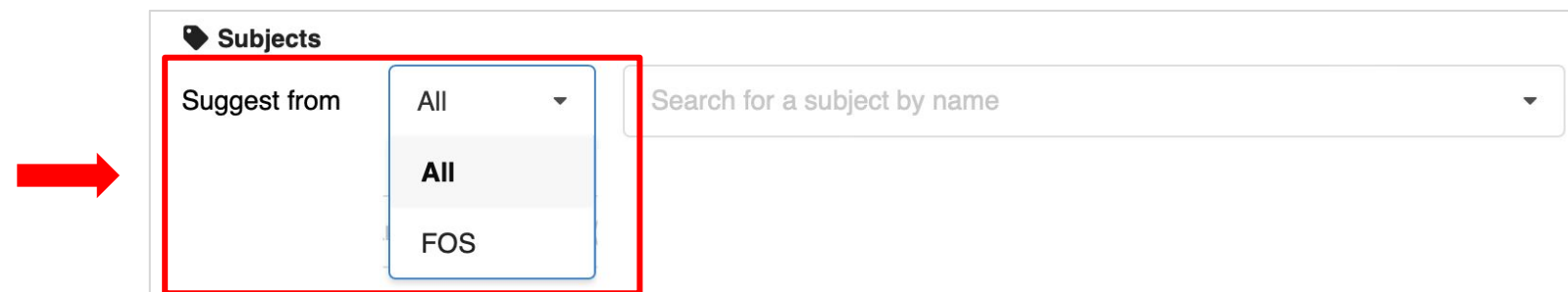
Controlled Vocabularies

- With autocomplete search



Controlled Vocabularies

- With filtering plus autocomplete search

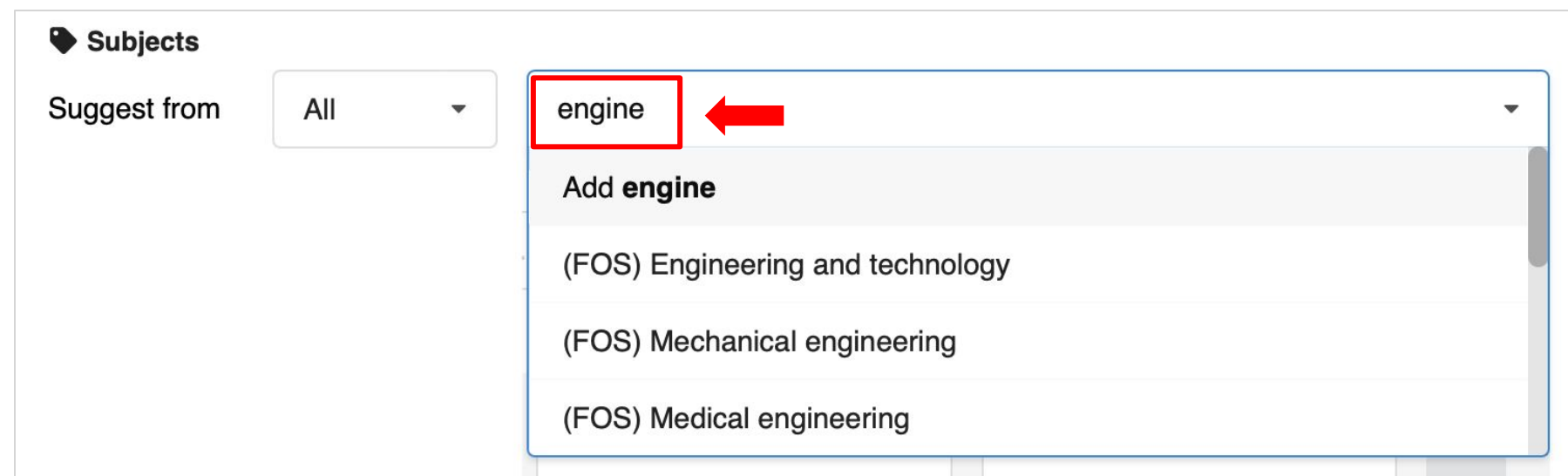


Subjects

Suggest from All Search for a subject by name

All

FOS



Subjects

Suggest from All engine

Add engine

(FOS) Engineering and technology

(FOS) Mechanical engineering

(FOS) Medical engineering

Controlled Vocabularies

- Complex custom vocabularies

Add standard license ✕

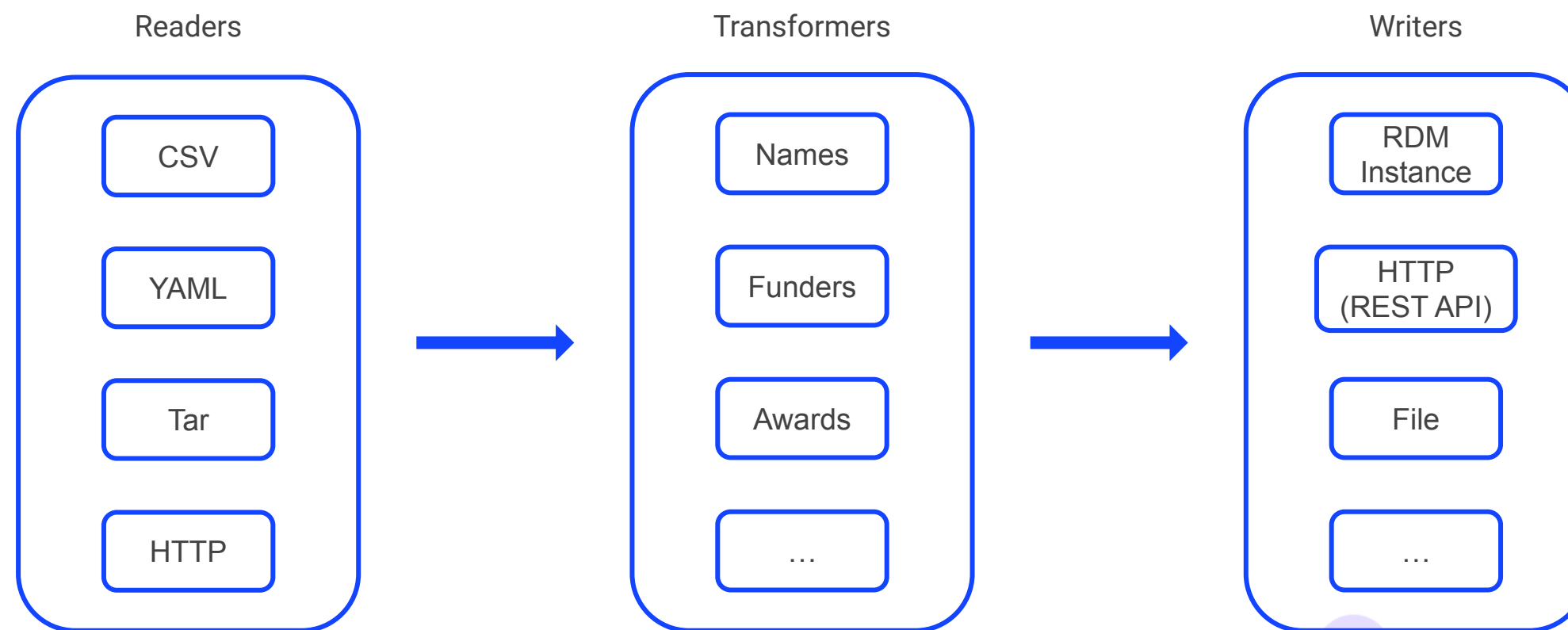
Recommended All Data Software

- Creative Commons Attribution 4.0 International**
The Creative Commons Attribution license allows re-distribution and re-use of a licensed work on the condition that the creator is appropriately credited.
- Creative Commons Zero v1.0 Universal**
CC0 waives copyright interest in a work you've created and dedicates it to the world-wide public domain. Use CC0 to opt out of copyright entirely and ensure your work has the widest reach.
- Creative Commons Attribution Share Alike 4.0 International**
Permits almost any use subject to providing credit and license notice. Frequently used for media assets and educational materials. The most common license for Open Access scientific publications. Not recommended for software.

✕ Cancel ✓ Add license

Controlled Vocabularies

- How are they managed?
 - ETL (Extract-Transform-Load) like approach
 - Pluggable way of ingesting data

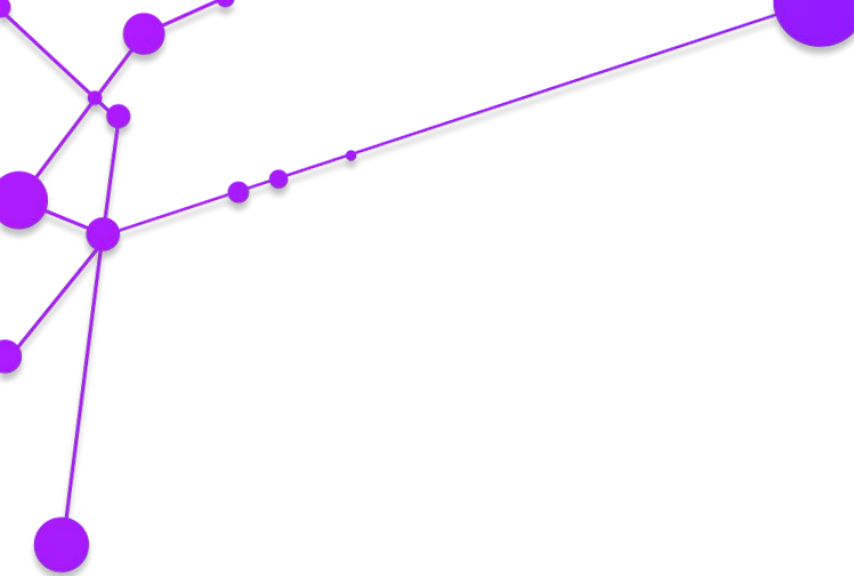


ORCID integration

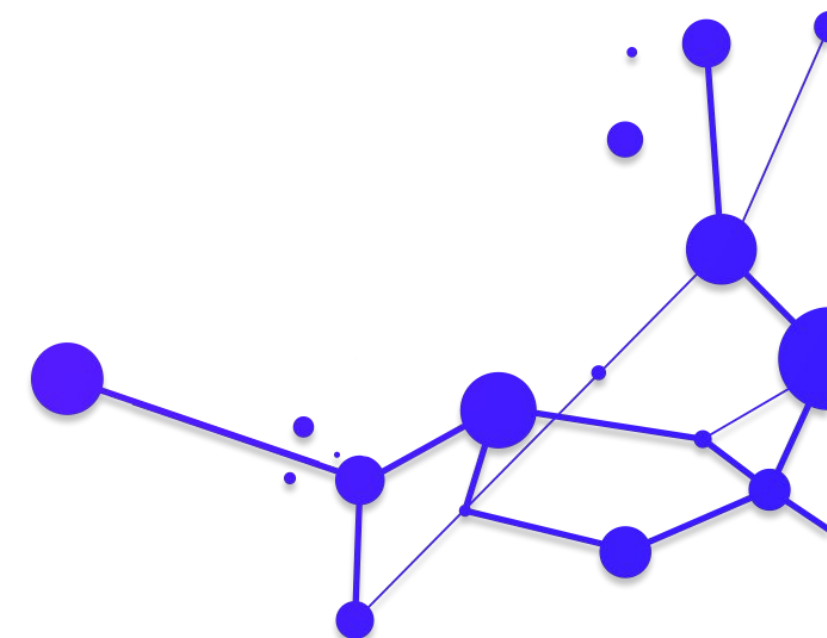
- Using controlled vocabulary
- Search and autocomplete

The screenshot shows the 'Add creator' dialog box with the 'Person' radio button selected. A search input field contains the text 'Paula'. Below the search bar, a list of search results is displayed, each with a name, an ORCID iD icon, and an affiliation. The results are: 'Moura, Paula (ORCID: 0000-0002-0573-4308;) University of Minho', 'Antoshechkina, Paula (ORCID: 0000-0002-3358-5186;) California Institute of Technology', and 'Herber, Paula (ORCID: 0000-0002-5349-154X;) University of Münster'. Below the list, there are fields for 'Affiliations' (with a search input), 'Role' (with a dropdown menu), and buttons for 'Cancel', 'Save and add another', and 'Save'.

The screenshot shows the 'Add creator' dialog box with the 'Person' radio button selected. The search input field contains the text 'Search for persons by name, identifier, or affiliation...'. The 'Family name' field contains 'Moura' and the 'Given names' field contains 'Paula'. Below these, the 'Name identifiers' field contains the ORCID iD '0000-0002-0573-4308'. The 'Affiliations' field contains 'University of Minho'. The 'Role' field has a dropdown menu with 'Select role' selected. At the bottom, there are buttons for 'Cancel', 'Save and add another', and 'Save'.



More on data



Custom fields

- Data types:
 - Text, ISO and EDTF dates, boolean, integer, double, and controlled vocabularies.
- UI Widgets:
 - Text input (simple or multiple), rich text, dropdown (with autocomplete search), and radio button.

Software

Repository URL
https://your.repository.url
URL of the repository where the software is hosted.

Development Status
Concept, WIP, Active...
Find more at repostatus.org

Programming Languages
Type a programming language...
List of programming fields used in this project.

Release Year
Release year (EDTF date of format YYYY).
Format: DATE where DATE is YYYY.

Release Date
Release date in ISO format (YYYY-MM-DD).
Format: YYYY-MM-DD.

Release Notes
Paragraph
Changes made in the release.

Release number of lines
Number of lines in code.
Insert the integer number of code lines changed in this release.

Release test coverage (%)
Release test coverage (e.g 95,75).
Format: double number.

LTS release Yes No
Mark if this is a Long Term Support release (LTS).

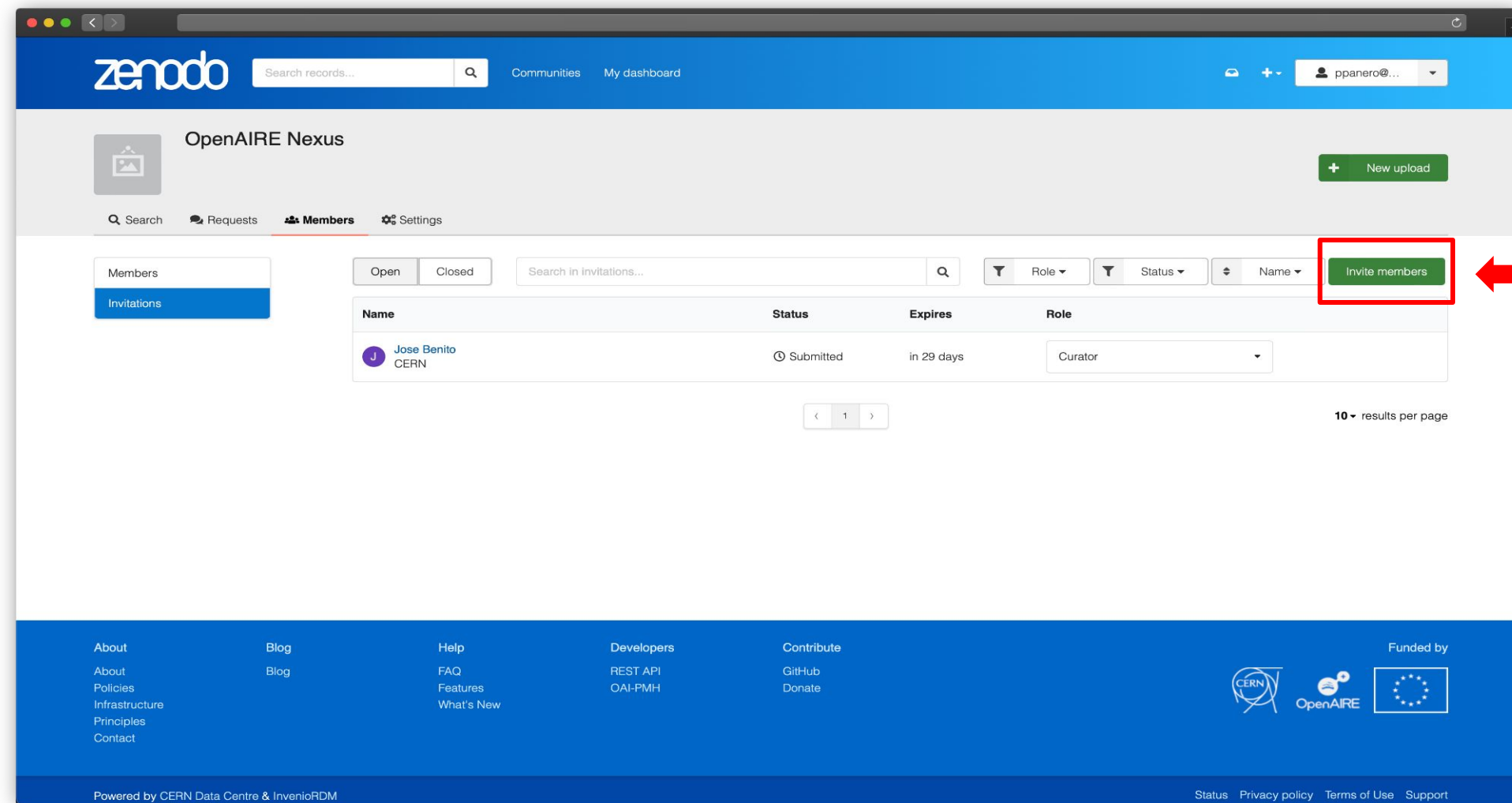


User workflows



Communities management

- Members management



The screenshot shows the Zenodo OpenAIRE Nexus interface for managing members. The top navigation bar includes the Zenodo logo, a search bar, and links for 'Communities' and 'My dashboard'. The user profile 'ppanero@...' is visible in the top right. The main content area is titled 'OpenAIRE Nexus' and features a 'New upload' button. Below this, there are tabs for 'Search', 'Requests', 'Members', and 'Settings'. The 'Members' tab is active, showing a sub-menu with 'Members' and 'Invitations'. A search bar for 'Search in invitations...' is present, along with filters for 'Open' and 'Closed' status, and dropdown menus for 'Role', 'Status', and 'Name'. A table lists members with columns for Name, Status, Expires, and Role. One member, Jose Benito CERN, is listed with a status of 'Submitted' and expires in 29 days, with a role of 'Curator'. A green 'Invite members' button is highlighted with a red box and a red arrow. The footer contains links for 'About', 'Blog', 'Help', 'Developers', 'Contribute', and 'Funded by' (CERN, OpenAIRE, and the European Union).

Communities management

- Invite a member

Invite members

People Groups

Jose Benito

Member

Search by email, full name or username

Jose Benito < >
CERN

Reader
Can view restricted records.

Curator
Can curate records and view restricted records.

Manager
Can manage members, curate records and view restricted records.

Owner
Full administrative access to the entire community.

Message

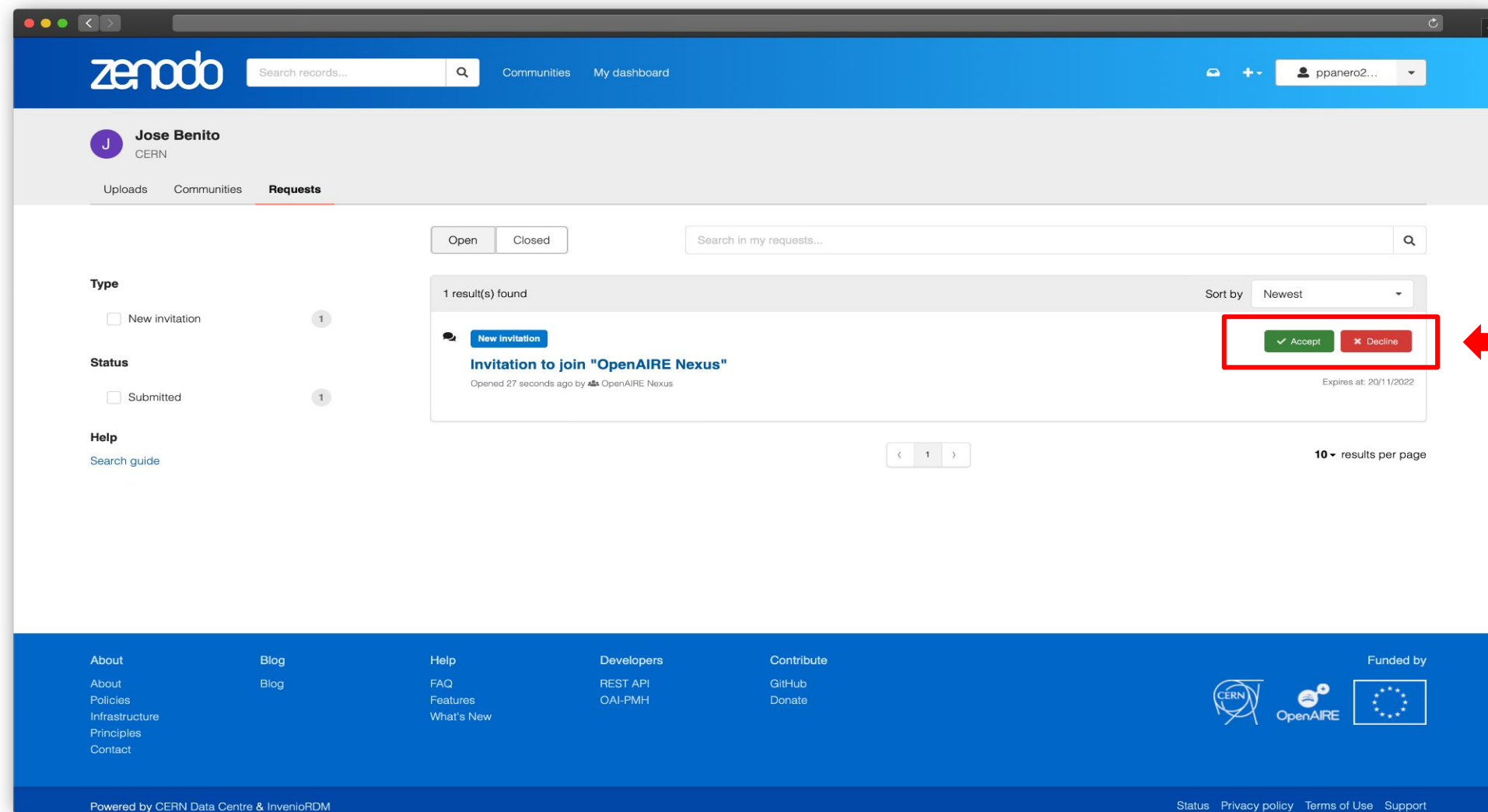
Paragraph **B** *I* @ : = ; = ≡ ≡ “ ” ↶ ↷

Hi Jose, I'd like to invite you to join my community as a **curator**!

Cancel You are about to invite 1 users Invite

Communities management

- Members need to accept



Communities management

- Manage members and roles

The screenshot displays the Zenodo OpenAIRE Nexus interface for managing community members. The page title is "OpenAIRE Nexus" and the user is logged in as "ppanero@...". The "Members" tab is active, showing a list of members with columns for "Member since", "Visibility", and "Role".

Member since	Visibility	Role
1 minute ago	Hidden	Curator
3 minutes ago		

A dropdown menu is open for the "Role" column, showing the following options:

- Reader: Can view restricted records.
- Curator (checked): Can curate records and view restricted records.
- Manager: Can manage members, curate records and view restricted records.
- Owner: Full administrative access to the entire community.

Red boxes highlight the "Remove..." and "Leave..." buttons for the first member, and the role dropdown menu. Red arrows point to these elements.

Communities management

- Inclusion request

Submit for review

⚠ Before requesting review please read and check the following:

- The 'OpenAIRE Nexus' curators will have access to **view and edit your upload** metadata and files.
- If your upload is accepted by the community curators, it will be **immediately published**. Before that, you will still be able to modify metadata and files of this upload.

Message to curators (optional)

Dear OpenAIRE Nexus community curators I'd like to add my record to your community because of ABC...

Cancel Submit review

Communities management

- Clarify details...

OpenAIRE-Nexus Tech Clinic

Panero, Pablo

Conversation Record

J Jose Benito commented 1 minute ago
Dear OpenAIRE Nexus community curators I'd like to add my record to your community because of ABC...

P Pablo Panero commented 27 seconds ago
Dear Jose,
Before accepting, we would like you to describe the following aspect of your data:

- X
- Y
- Z

J Paragraph **B I @** **¶** **≡** **≡** **“** **↶** **↷**

|

Comment

Creator
Jose Benito

Receiver
OpenAIRE Nexus

Request type
New submission

Status
Submitted

Created
2 minutes ago

Communities management

- Accept/Decline records

The screenshot displays the Zenodo OpenAIRE Nexus interface. At the top, the Zenodo logo and navigation links for 'Communities' and 'My dashboard' are visible. The user 'ppanero@...' is logged in. The main header for the 'OpenAIRE Nexus' community includes a search bar, a 'New upload' button, and navigation tabs for 'Search', 'Requests', 'Members', and 'Settings'. The 'Requests' tab is active, showing a list of requests. A filter for 'Open' requests is selected. A search bar for requests is present. The results show '1 result(s) found', sorted by 'Newest'. A single request is displayed: 'OpenAIRE-Nexus Tech Clinic', submitted by Jose Benito. The request is in 'New submission' status. Action buttons for 'Accept and publish' (green) and 'Decline' (red) are visible. The footer contains links for 'About', 'Blog', 'Help', 'Developers', 'Contribute', and logos for CERN, OpenAIRE, and the European Union.

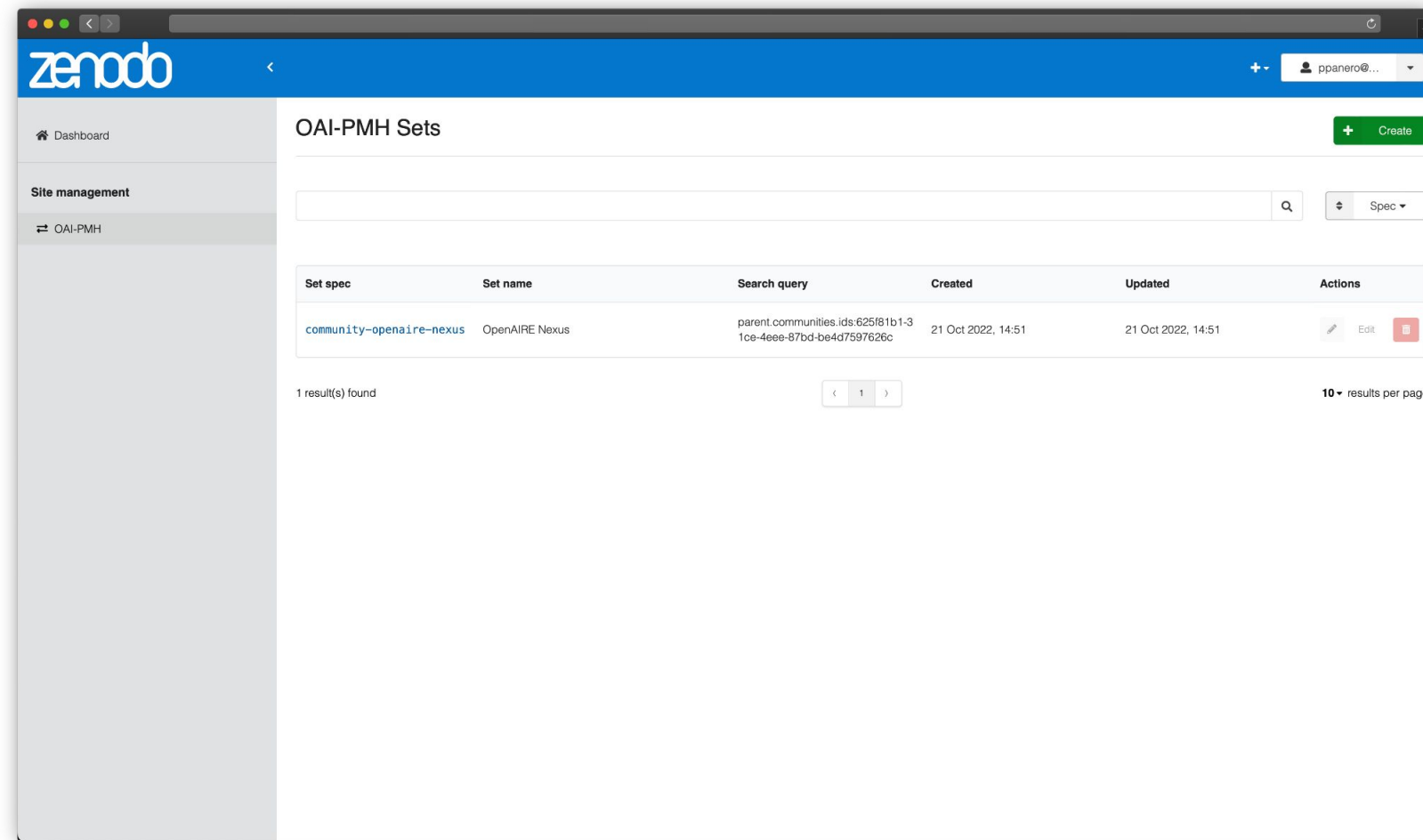


Administration



Administration panel

- Improved with lessons learnt from experience
- Will be of big importance to streamline the support line.



Thank you!

