

Release notes - Pure 5.22.0 (4.41.0)

Highlights of this release



Data Quality

The new Data Quality interface provides a central location for all cleaning operations for all content types within Pure. The first content type to be available in the new interface is External Organization. External Organization data can now be cleaned more efficiently and easily with functionalities to merge, set hierarchy and mark as distinct all available in one place. The interface is only available to users with permissions to access the current deduplication functionality on the External Organization content type overview.

[See below for more info...](#)



Funding Database

In this release, we have expanded functionality around Awards and Projects in Pure and added these content types for self-import of data to Pure. The expanded functionality makes it possible for Administrators to synchronize Awards and Projects related to their institution directly into Pure, and for Personal Users to search for and import Awards and Projects from specific funders. New configurations have been added to manage the flow of award/project data into Pure, such as creating a whitelist of funders that will be searchable or synchronized, features to manage deduplication and updates, and the automated assignment of content sub-types and classifications.

The Funding Database has also been added as an import source, giving Pure users access to over one million awarded grants and projects from more than 700 funders worldwide. This integration makes it possible to automatically synchronize awarded grants and projects from 277 funding agencies (from 87 funders). Additionally, it is possible to manually search for and import awarded grants and projects from 700+ funders.

This recent development is in line with our ongoing work in Pure to bring together the different parts of the research cycle, facilitating the discovery, import and linking of different content types.

[See below for more info...](#)



Citation formats in Reporting

It is now possible to use citation formats for Research Outputs in the new Reporting module. You can now select from the various citation formats that Pure supports for Research Output, and view the list of Research Outputs in your chosen format, for instance APA or Vancouver. The formats can also be used when exporting to either Excel or CSV.

[See below for more info...](#)



Content and field filtering available in Pure API

Pure API now allows to configure access definitions to give greater control of what content is available to what API key, and what metadata is exposed for the different API types. You now also have control of whether an API key grants write permissions or only read permissions, providing much greater control of what data is made available to whom.

[See below for more info...](#)



We are pleased to announce that version 5.22.0 (4.41.0) of Pure is now released.

Always read through the details of the release - including the [Upgrade Notes](#) - before installing or upgrading to a new version of Pure.

Release date: 4 Oct 2021

Hosted customers:

- Staging environments (including hosted Pure Portal) will be updated **6 Oct 2021** (APAC + Europe) and **7 Oct 2021** (North/South America).
- Production environments (including hosted Pure Portal) will be updated **20 Oct 2021** (APAC + Europe) and **21 Oct 2021** (North/South America).



Advance Notice

For the next major release, we will migrate the Pure code base to Java 11. This means that on-premise customers should plan for installation of Java 11 and Tomcat 10 when deploying the 5.23 release in February 2022.



PARTICULAR ITEMS TO NOTE WITH THIS RELEASE

Upgrade to 5.20.3 / 5.21.0 required prior to upgrade to 5.22.0

- In order to install the 5.22.0 release, you must first upgrade to either 5.20.3 or 5.21.0.
- The upgrade to 5.22.0 will fail if either 5.20.3 or 5.21.0 was not already installed.
- We have had to introduce this requirement to ensure the cleanup of deprecated modules is complete.



Download the Release Notes

last updated **4 Oct 2021**



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5.22.0 (4.41.0) New and noteworthy

- 1. Web accessibility
 - 1.1. Pure Portal accessibility updates
 - 2. Privacy and personal data
 - 3. Pure Core: Administration
 - 3.1. Data Quality: new and improved External Organization cleaning interface
 - 3.2. Deduplication available on more content types
 - 3.3. Personal User Overview(PUX) now standard for all customers
 - 4. Pure Core: Pure Web Service and Pure API
 - 4.1. Pure Web Service: filtering Student Projects via type URIs
 - 4.2. Pure API: access definitions for content and field filtering
 - 4.3. Pure API: Person and External Person endpoints now available
 - 5. Integrations
 - 5.1. Integration with Funding Database: self-import of Awards and Projects
 - 5.2. Integration with Funding Database: improved configuration for automatic import of Awards and Projects
 - 5.3. Awards and Projects: new funders added from the Funding Database
 - 5.4. Awards and Projects: improved organization matching
 - 5.5. Awards and Projects: Deduplication
 - 5.6. New import source: Digital Commons
 - 5.7. OAI: MODS language in NL-DIDL
 - 5.8. Import Source Update: GVK replaced by K10plus
 - 6. Reporting
 - 6.1. Citation formats in Reporting
 - 7. Unified Project Model and Award Management
 - 7.1. Milestones improvements
 - 8. Pure Portal
 - 8.1. Organization filter available on more content types
 - 8.2. Limit your Portal to only show specific Organization types and/or only parts of the hierarchy
 - 8.3. Web of Science (WoS) citations can now be showcased in the Portal Kragh-Hansen, Henrik (ELS-AAL)
 - 9. Country-specific features
 - 9.1. AU: ERA
 - Resolved issues
-

1. Web accessibility

We continue to work towards being fully [WCAG 2.1 AA](#) compliant by ensuring accessible design in new features. In addition to this, we implemented the following improvements to existing features:

1.1. Pure Portal accessibility updates

To date, we introduced a number of accessibility features and improvements that have made us level AA (and, in some cases, level AAA) compliant. However, like painting the proverbial Forth Bridge, ensuring optimal accessibility is a job that is continuous and never truly complete. 5.22.0 brings improvements to a number of specific accessibility areas.

The improvements introduced meet the following success criteria listed in Web Content Accessibility Guidelines (WCAG) version 2.1:

WCAG 2.1 success criterion	Improvement in Pure Portal
1.4.1 Use of color (A)	Previously, we indicated that text is hyperlinked only with contrasting color (blue). Links are now additionally underlined to make them stand out even more.
1.4.3 Color contrast (AA)	We have increased contrast between the background and the text in input fields, such as the Portal search bar.
1.4.13 Content on hover and focus (AA)	Before, some of our on-hover tooltips would disappear if you hovered your mouse over to the pop-up text. We now allow you to hover and mark the text in the pop-up.
3.4.2 Focus order (A)	Tab order is now more logical: we have removed areas where focus would automatically be moved to certain elements on the page upon clicking a button. This would happen on a canvas graph (e.g. Projects per year). We also removed tab indexes on elements that shouldn't have them.
2.4.7 Focus visible (AA)	The focus (press TAB) was sometimes difficult to find depending on the background color. This has been changed so that the focus ring is a lot more visible.
1.3.1 Information and relationships (A)	Use of headings to appropriately structure content: we had a navigation landmark in the footer which was not indented and could cause a bit of confusion among screen reader users. This has been improved.
4.1.2 Name, role, value (A)	UI components communicate their state programmatically: we have added <code>aria-expanded</code> attribute to organisation hierarchy buttons and removed a <code>radiogroup</code> on our advanced search page. We also added labels to our collaboration map pop-up.

2. Privacy and personal data

The protection of privacy and personal data is extremely important to Pure. Based on guidance provided by GDPR (and similar frameworks), we continually add improvements to how Pure handles sensitive data, and we continually provide tools for users to manage their own and others' data in Pure. This release does not introduce any new updates related to privacy and personal data.

3. Pure Core: Administration

3.1. Data Quality: new and improved External Organization cleaning interface

The new Data Quality interface will provide a central location for all cleaning operations for all content types within Pure. The first content type to be available in the new interface is External Organization. External Organization data can now be cleaned more efficiently and easily with options to merge, set hierarchy, and mark as distinct, all available in one place. The interface is only available to users with permissions to access the current deduplication functionality on the External Organization content type overview. More content types will be available in the Data Quality interface with each subsequent release.

Improving data quality and building trust in data

The new interface builds on Pure's 5Cs of data quality (Complete, Correct, Connected, Current and Compliant) and focuses on cleaning and supplementing data. Within the External Organizations interface, users can deduplicate, set hierarchies and set organizations distinct from specific, or all, organizations.

Note: To display results in the interface, External Organization data in Pure will need to be indexed on upgrade to 5.22.0, and the new *Duplicate External Organization Discovery* job will need to be configured, enabled, and run.

Accessing the interface

The new interface is available to all users who have access to the current duplicate handling



The screenshot shows the Pure University of Excellence interface. The top navigation bar includes 'text', 'Pure University of Excellence', a search icon, 'Accessibility', and a user profile 'atira (GURNEYT@science.regn.net)'. Below the navigation bar, there are tabs for 'Editor', 'Master data', 'Reporting', 'REF 2021', 'Dashboard', 'Data Quality', 'Award management', 'Administrator', and 'Usage analytics'. The 'Data Quality' tab is active. The main content area is divided into three sections: 'Editorial overview', 'Research outputs', and 'Activities'. The 'Research outputs' section is highlighted with a red arrow and shows a total count of 248697. The 'Activities' section shows a total count of 24252. The 'Research outputs' section lists various categories with their respective counts: Article (Contribution to journal) 167625, Conference contribution 28985, Chapter 19783, Book 4928, Commissioned report 4203, Other 2538, Poster 2147, Paper 1701, Review article 1656, Working paper 1442, and More... The 'Activities' section lists: Invited talk 5918, Participating in a conference, workshop, exhibition, performance, inquiry, course etc 3300, Membership of professional association 2381, Membership of committee 2303, Editorial work 2248, Oral presentation 1586, Organising a conference, workshop, exhibition, performance, inquiry, course etc 1352, Publication peer-review 980, Other 776, Examination 649, and More... The interface also includes a sidebar on the left with various menu items like 'Research outputs', 'Activities', 'Prizes', 'Press/Media', 'Applications', 'Awards', 'Projects', 'Ethical reviews', 'Funding opportunities', 'Impacts', and 'Datasets'.

Category	Count
Article (Contribution to journal)	167625
Conference contribution	28985
Chapter	19783
Book	4928
Commissioned report	4203
Other	2538
Poster	2147
Paper	1701
Review article	1656
Working paper	1442
More...	

Category	Count
Invited talk	5918
Participating in a conference, workshop, exhibition, performance, inquiry, course etc	3300
Membership of professional association	2381
Membership of committee	2303
Editorial work	2248
Oral presentation	1586
Organising a conference, workshop, exhibition, performance, inquiry, course etc	1352
Publication peer-review	980
Other	776
Examination	649
More...	

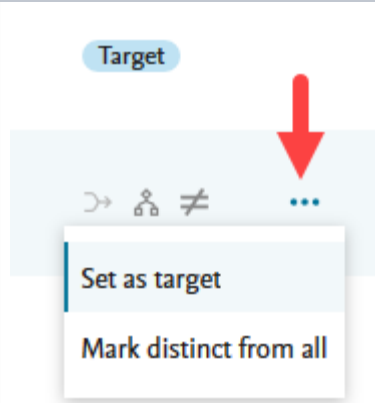
unctionality. It is accessible via the Data Quality tab.

The interface is composed of three primary sections:

- Group list
- Entity list
- Results preview

Information	Screenshot
<p>Group list</p> <p>The section on the left, Duplicate groups, lists groups of organizations. Organizations with high degrees of similarity between names, alternative names or IDs, are clustered together. Users can search for specific organization within these groups, and groups are ordered alphabetically.</p>	<p>The screenshot displays the 'Data Quality' interface. The top section is titled 'Data Quality' with the subtitle 'Deduplicate, set hierarchies and set records as distinct.' Below this is a tab labeled 'External Organisations'. The interface is split into two main columns. The left column, 'Duplicate groups', features a search bar with the text '4351 Results' and a list of groups. The first group is 'Group 1', and the second is 'Org A (synced)'. A red arrow points to the search bar, and another red arrow points to the 'Org A (synced)' group. The right column, 'Result preview', shows a 'Result Org preview - based on Org A' for 'Santa Clara, California, United States'. Below this is a 'List of entities' table with columns for NAME, RELATED CONTENT, DATE CREATED, and MATCH SCORE. The table lists five entities: Org A (synced) - United States (Match Score: -, Target), Org B (synced) - Singapore, Malaysia (Match Score: High), Org C (synced) - United Kingdom (Match Score: High), Org D (distinct to target) - Lexington, Massachusetts, United States (Match Score: High, Distinct), and Org E - Santa Clara, California, United States (Match Score: High). A blue 'Apply >' button is located at the top right of the table.</p>

The similarity between the target and the other organizations in the list is shown in the column **Match Score**. Users can change target by clicking the extended menu (...) that appears on hover over each organization and selecting *Set as target*. The match scores of all other organizations in the list will update accordingly and the new target organization will be moved to the top of the list.



Information	Screenshot			
<p>The Merge icon has three states:</p> <ul style="list-style-type: none"> • default • selected • disabled. 	Default	Selected	Disabled	In interface
Merge				

Organizations with a high degree of similarity to the target will be automatically selected as merge options.

Organizations that cannot be merged into the target (such as Synced organizations - indicated with a sync badge) will have their merge icons disabled.

Data Quality

Deduplicate, set hierarchies and set records as distinct.

External Organisations

Duplicate groups

Q Search

4351 Results

Group 1

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Result preview

Result Org preview - based on Org A

Santa Clara

California

United States

Email: noreply@atira.dk

External organisation: University

List of entities

NAME

Org A (synced)
> United States
External organisation: Non-EU Industry, Commerce & Public Corporations

Org B (synced)
> Singapore, Malaysia
External organisation: External Org Undefined

Org C (synced)
> United Kingdom
External organisation: UK Industry, Commerce & Public Corporations

Org D (distinct to target)
> Lexington, Massachusetts, United States
External organisation: Unknown

Org E
> Santa Clara, California, United States
External organisation: Unknown

RELATED CONTENT	DATE CREATED	MATCH SCORE	
19	17/03/16	-	Target
0	20/09/18	High	> ⚙️ 🗑️
9	17/03/16	High	> ⚙️ 🗑️
1	5/05/17	High	Distinct
3	15/02/19	High	🗑️ ⚙️ 🗑️

Apply >

EDIT

Metadata

Manage duplicates

OVERVIEW

Relations

Display

HISTORY AND COMMENTS

History and comments

Merge candidates

Potential duplicate

Ireland

External organisation: Unknown

Merge target

Merge all

Search for other candidates

Any unsaved changes will not be included in the merge.

Preview merge

Merge

Candidates that were reviewed and marked as distinct

Org A

Reset all

Previously set as distinct Org

Address

External organisation: External Org Undefined

Reset as merge candidate

To merge:

- Ensure organization(s) to be merged to target have merge icon selected.
- Once a target and merge options have been selected, users can click *Apply*.

Data Quality

Deduplicate, set hierarchies and set records as distinct.

External Organisations

Duplicate groups

Q Search

4351 Results

Group 1

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Result preview

Result Org preview - based on Org A

Santa Clara

California

United States

Email: noreply@atira.dk

External organisation: University

List of entities

NAME

Org A (synced)
> United States
External organisation: Non-EU Industry, Commerce & Public Corporations

Org B (synced)
> Singapore, Malaysia
External organisation: External Org Undefined

Org C (synced)
> United Kingdom
External organisation: UK Industry, Commerce & Public Corporations

Org D (distinct to target)
> Lexington, Massachusetts, United States
External organisation: Unknown

Org E
> Santa Clara, California, United States
External organisation: Unknown

RELATED CONTENT

DATE CREATED

MATCH SCORE

19 17/03/16 - Target

0 20/09/18 High > ⚙️ 🗑️

9 17/03/16 High > ⚙️ 🗑️

1 5/05/17 High Distinct

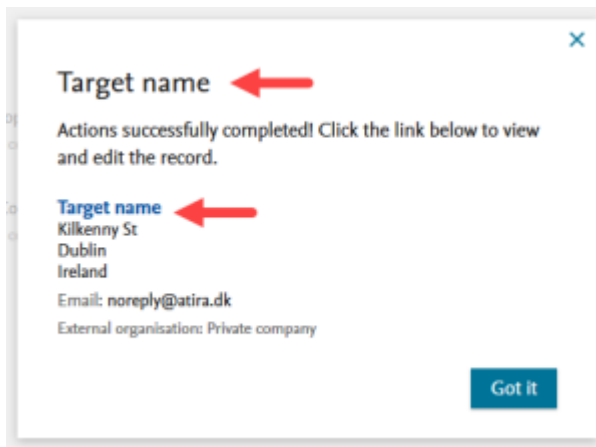
3 15/02/19 High 🗑️ ⚙️ 🗑️

Apply >

A short confirmation screen is shown with a list of organizations and the desired actions to be taken in relation to the target.



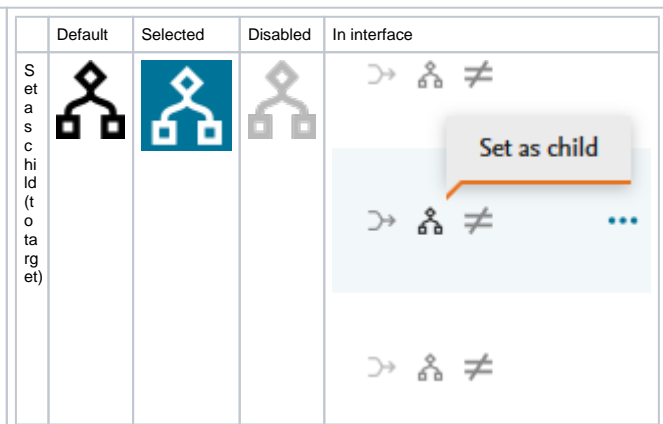
After clicking *Confirm*, the progress of the merge is shown and, once completed, the user is presented with a confirmation screen and the option to open the newly updated target organization.



The **Set as child** icon has three states:

- default
- selected
- disabled

As with the merge process, users can select (and modify) the target. The **Set as child** icon needs to be selected for each organization to be set as child to the target. Once the target and child options have been selected, users are guided through the confirmation and summary screens.



Information	Screenshot
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Distinct from target

As with the merge and hierarchy processes, users can select (and modify) the target. The **Set as distinct** icon needs to be selected for each organization to be set as distinct to the target. Once a target and distinct options have been selected, users are guided through the confirmation and summary screens.

	Default	Selected	Disabled	In interface
Set as distinct (to target)				

It is important to note that the organization (s) set as distinct are only set as distinct to the target. If there are only two organizations in the group, and one is set as distinct to the other, once the action is confirmed, the group will be removed.

If there are more than two organizations in the list, the user will be returned to the group and any organizations set as distinct to the target will have a *Distinct* badge.

Data Quality

Deduplicate, set hierarchies and set records as distinct.

External Organisations

Duplicate groups

Search

4351 Results

Group 1

...

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Org A (synced)

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Result preview

Result Org preview - based on Org A

Santa Clara

California

United States

Email: noreply@unira.dk

External organisation: University

List of entities

NAME	RELATED CONTENT	DATE CREATED	MATCH SCORE	
Org A (synced) > United States External organisation: Non-EU Industry, Commerce & Public Corporations	19	17/03/16	-	Target
Org B (synced) > Singapore, Malaysia External organisation: External Org Undefined	0	20/09/18	High	> ⚙️ ≠
Org C (synced) > United Kingdom External organisation: UK Industry, Commerce & Public Corporations	9	17/03/16	High	> ⚙️ ≠
Org D (distinct to target) > Lexington, Massachusetts, United States External organisation: Unknown	1	5/05/17	High	Distinct
Org E > Santa Clara, California, United States External organisation: Unknown	3	15/02/19	High	≠ ⚙️ ≠

Apply >



Organizations that were previously set as distinct to the target will also have no option to merge - unless they are reset as merge candidates in the organization editor.

EDIT
Metadata
Manage duplicates

OVERVIEW
Relations
Display

HISTORY AND COMMENTS
History and comments

Merge candidates ⓘ

Potential duplicate
Ireland
External organisation: Unknown
Merge target
Merge all

Search for other candidates

Any unsaved changes will not be included in the merge.
Preview merge Merge

Candidates that were reviewed and marked as distinct

Org A
Reset all
Previously set as distinct Org
Address
External organisation: External Org Undefined
Reset as merge candidate

Distinct from all

A user may wish to set an organization as distinct from all others in the list. They can do so by using the *Mark distinct from all* option in the extended menu. This will immediately remove that organization from the group listing and will not have a confirmation screen.

Target

Set as target
Mark distinct from all

A group will be removed from the list when all the organizations in that group have either been merged, set as distinct from all possible targets, or set as distinct to all. Multiple targets can exist in a group, so multiple iterations of cleaning, hierarchy setting, and setting as distinct are possible.

Synced or SciVal organizations

When an organization is synced or from the SciVal External Organization list, other entities cannot be merged into it. The merge icon is disabled and a warning is shown when users click the icon. These organizations can however be set as children or marked as distinct.

What does the job do?

The job cycles through every External Organization looking for any matching External Organizations. If it finds matching Organizations (based on either name, alternative names or source IDs) over a specific threshold, it adds them to a group. Once all possible match options are exhausted, the group is finalized and is shown in the Data Quality interface.

Job configuration

The groups of entities are created by the Duplicate External Organization Discovery job which can be found in Administrator > Jobs > Cron Job Scheduling.

The job needs to be enabled, and have run, before any results will show in the Data Quality interface. The job can be enabled to run at your preferred schedule.

For the first run of the job we suggest enabling verbose logging mode (Edit configuration > Enable running in development/debug mode).

Job scheduling

The groups in the Data Quality interface will be updated, possibly with new entities, after every run of the job. We suggest scheduling the job depending on how frequently you or your users want to use the Data Quality interface.

For:

- light, daily cleaning, we suggest running the job daily outside of office hours.
- deep cleaning, we suggest running the job once every couple of days or a week*. This way any particularly large groups will have the same list of entities between cleaning sessions (and job runs).

*For particularly intense cleaning sessions, we suggest pre-soaking the job before your usual cleaning cycle.

Inspecting the job log

The job log provides an overview of each match attempt between Organizations.

The last entry in the job log after each run provides:

- summaries of how many groups were identified
- what is the largest number of entities in a group, and
- how many groups were added or removed from the last job run.

The job importantly also provides an estimate of how many unique External Organizations are in your Pure, based on the number of groups created and the number of entities where no matches could be found.

Depending on your institution's needs and whether you make extensive use of hierarchies within External Organizations, our general advice is to:

- Make use of the preselected target and high match entities in a group. A quick scan of the names and any available metadata of preselected high match options may be enough to confirm if the choices are indeed correct. Individual Organization editors can always be opened by clicking the name, and a scan of any related content for identical contributor names can be achieved by clicking on the related content count in the list of entities.
- For groups with more than 10 Organizations, we again suggest focusing on the target and any preselected options. Once those have been processed, you will be directed back to the group and a new target and high similarity options will have been selected.
- Alternatively, switching targets and evaluating the newly preselected options will give you an overview of any sub-groups present. This overview will better inform your choices for Organizations to be merged or set as children.
- Process merges first as this quickly reduces the number of entities in the list.
- Following this, setting the hierarchy will also reduce the list quickly.
- Process the distinct Organizations last. Undoing a distinct operation is possible, but will require you to manually remove the distinct tag on the Organization editor (Organization editor > Manage duplicates tab)

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3.2. Deduplication available on more content types

Duplicate title and identifier functionalities have been expanded to more content types. These improvements come as part of our growing set of features dedicated to improving data quality.

The deduplication overviews can be found under each content type in either the Editor or Master data tabs.

The content types now supported are listed below. For each content type, deduplication is based on title or identifier similarity. Exceptions are noted.

- Activities
- Applications
- Awards (year of award also considered)
- Courses
- Datasets
- Equipment
- Press/Media
- Prizes

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3.3. Personal User Overview(PUX) now standard for all customers

The new Personal User Overview (PUX) is now the standard person profile for all customers. The new Personal User Overview was introduced in 5.14.0 and is a significant improvement to how Personal Users access, work, explore and add content within Pure.

The new overview is tightly integrated with the personal user's Pure and PlumX data at the Research Output, Project and researcher level. This includes coverage of content added by the user and institution, and PlumX mentions, usage, captures, social media and citation data for each Research Output where available. The new Overview is aimed at encouraging productive and meaningful engagement between the Personal User and their content in Pure.

For more information and help with preparation for the personal user overview:

- consult the [5.14.0 release notes](#)
- make use of the [detailed user guide](#) - written from the perspective of an Administrator for their Personal Users

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4. Pure Core: Pure Web Service and Pure API



Pure Web Service is the read-only service available to all clients. See Administrator > Web services for more details.

Pure API is the read-and-write service currently under development and available to clients through the Early Access Program. See Administrator > Pure API for more details.

4.1. Pure Web Service: filtering Student Projects via type URIs

It is now possible to search for content of a specific type, or exclude content from search results based on its type.

Example: The query below will return Student projects of the type 'Master Thesis'.

```
<?xml version="1.0"?>
<studentProjectsQuery>
  <typeUri>
    <typeUri>/dk/atira/pure/studentproject/studentprojecttypes/studentproject/masterthesis</typeUri>
  </typeUri>
</studentProjectsQuery>
```

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4.2. Pure API: access definitions for content and field filtering

It is now possible to pair API keys with configurable **access definitions** to specify:

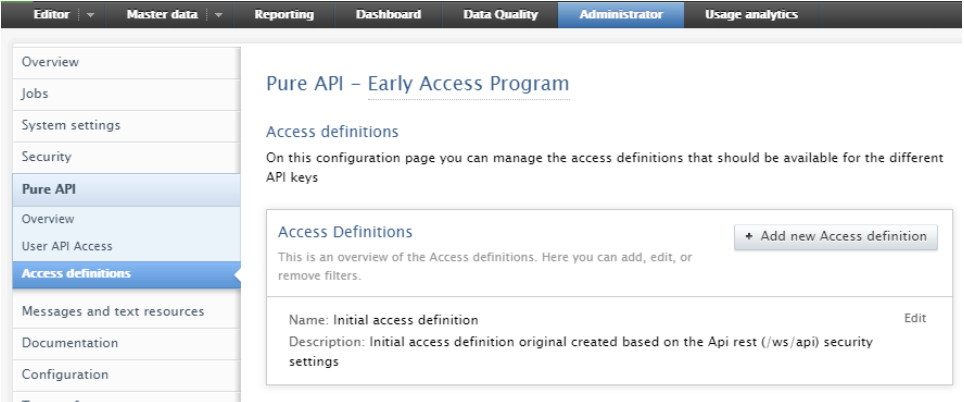
- What content is available to what API key.
- What metadata is exposed for the different API types.
- Whether an API key grants read and write permissions, or only read permissions.

This provides you with much greater control of what data is made available to whom.

For example, it is now possible to:

- Set up an API key which grants access to all confidential content (as long as that content is available through Pure API), embargoed documents, and all fields on Persons.
- Set up another API key which can only read a few fields on Persons and only has access to public data.

Note: All existing API keys will be migrated and given access definitions that match their old behavior, but can be updated afterwards to the desired access definition.

Information	Screenshot
<p>Overview</p> <p><i>Setting available to user role: Administrator Location in Pure: Administrator > Pure API > Access definitions</i></p> <p>Each API keys is now linked to an access definition:</p> <ul style="list-style-type: none">• You can create multiple access definitions.• You can use the same definition with multiple API keys (one-to-many).• One API key can be paired with only one access definition (one-to-one).	

Access definition editor

When creating an access definition, you can specify a number of details in the Access definition editor.

- Access definition editor > Information

Add name and description of your access definition.

- Access definition editor > Types and fields

The *Types and fields* section includes all the supported types in the Pure API. Each type has been setup to allow all fields where both read and write is enabled. The only exception is the Person API type, where gender, date of birth and nationality fields are not available by default.

- Access definition editor > Content filters

Filters in this section are the same as those available in Administrator > Security > Ws > Authentication requirements and content filtering.

Access definition: customizing accessible types and fields

The screenshot shows the 'Access definition editor' for 'Pure API - Early Access Program'. The interface includes a left sidebar with navigation options: Overview, User API Access, Access definitions (selected), Messages and text resources, Documentation, Configuration, Terms of agreement, and Keywords. The main content area is titled 'Access definition' and 'Access definition'. It features a 'Name' field and a 'Description' field. Below these is the 'Types and fields' section, which lists accessible types and fields with an 'Edit' button for each: User (Read-only) (Allow all fields), Person (Read-only) (Allow all fields), ExternalOrganization (Read-only) (Allow all fields), Event (Read-only) (Allow all fields), Publisher (Read-only) (Allow all fields), Journal (Read-only) (Allow all fields), and Organization (Read-only) (Allow all fields). The 'Content filters' section is also visible, with a toggle switch set to 'On' for the filter 'Filter incomplete bidirectional associations on content'. A note explains that this filter hides incomplete bidirectional associations that are marked as confidential.

Access definition: customizing accessible types and fields

Access definition editor > Types and fields lets you edit each available type to:

- Specify access mode to the type (read-only, or read and write).
- Choose fields exposed for that type:

Access definition
Access definition

Edit field filters

Access mode
Read-only ▼
'Read-only' means the API key is allowed to only read data from this type. 'Read and write' means the API key is allowed to also write data back to Pure.

Allow all fields
 Off
All current and future fields will be available to users

Select allowed fields

Selected:	Remove all	Options:	Add all
profilePhotos	▲	dateOfBirth	
privateAddress		nationality	
professionalQualifications		gender	
selectedForProfileRefinementService			
user	▼		

Cancel Update

- You can allow all fields by enabling the 'Allow all fields' setting.

- All new fields added to the type in the future will also become available in that definition.

- When the setting is off, you can manually select allowed fields.
 - There is an option to 'Add all' or 'Remove all' fields.

This means that you have flexibility to, for example, allow read-only access to some types, and read and write access to others.

Note: The names of the fields in the editor correspond to the field names in the JSON response from the API.

Adding an access definition to a new API key

1. When you create a new API key, you need to link it to a specific access definition.
2. Once you have selected the definition, you can preview the details of the definition directly in the API key editor (1) to cross-check how the types and filters have been setup.
3. Important: You still need to configure the endpoints that the API key can access in the API key editor (2). The access definition assigned to the key will only work for the endpoints that are explicitly added for this key.

User API key
User API key

EDIT

Metadata

OVERVIEW

Display

Information

API key
0d52978a-6c65-491d-abb0-4fe93d89a5fe
The API key should be provided to the developers accessing the web service

Description

A description of the API key, i.e. who it is provided to

API key locked
 Off
You can lock the key if you temporarily need to restrict the key from accessing the API.

End date

The API key is not valid after this period, this is intended for trial access to the web service.

User *

Choose the user that the API key executes as

Access definition *

1 ▶ Initial access definition
Access definition
Change access definition...

Access definition that should be used for this API key

Endpoints ⓘ

Accessible end points

Person	Edit	-
Organization	Edit	-

Add endpoint

Save

Existing API keys: initial access definition

Upon upgrade to 5.22.0, an initial access definition will be created and associated with all existing API keys.

The settings of the initial access definition will follow what you had setup for the REST service before the upgrade.

Initial access definition

Access definition

Information

Name

Initial access definition

Description

Initial access definition originally created based on the REST service([/ws/api](#)) security settings.

Types and fields

Accessible types and fields

▶ Journal (Read and write) (Allow all fields)	Edit
▶ Publisher (Read and write) (Allow all fields)	Edit
▶ ExternalOrganization (Read and write) (Allow all fields)	Edit
▶ Organization (Read and write) (Allow all fields)	Edit
▶ User (Read and write) (Allow all fields)	Edit
▶ ApiKey (Read and write) (Allow all fields)	Edit
▶ Person (Read and write) (39/42 fields included)	Edit
▶ ExternalPerson (Read and write) (Allow all fields)	Edit
▶ Event (Read and write) (Allow all fields)	Edit

Content filters

Filter incomplete bidirectional associations on content

If On, this filter hides incomplete bidirectional associations. This filter is relevant if, for instance, a reference in the association is marked as confidential, so the association should be hidden.

4.3. Pure API: Person and External Person endpoints now available

Pure API now supports the management of Person and External Person in addition to Journal, Publisher, Event, Internal Organization and External Organization.

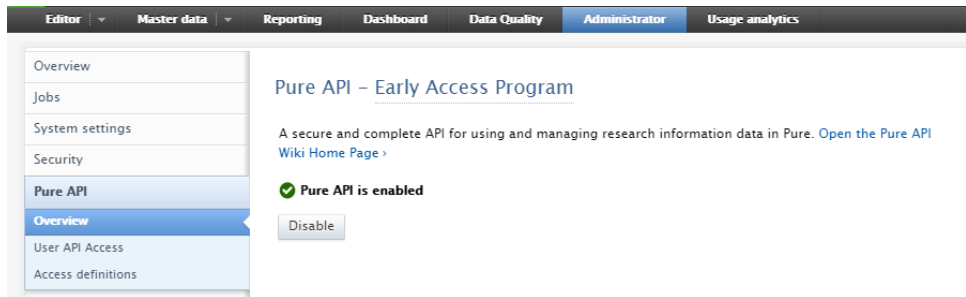
With the new filtering options mentioned in [Pure API: access definitions for content and field filtering](#), it is possible to control exactly what fields you expose to an API key, which is especially important for the new Person API type.

Pure API is an evolution of the existing REST service to support a backwards-compatible read and write REST JSON endpoint for using and managing research information data in Pure.

In order to achieve these objectives, we have made several changes to how the endpoints are structured and to the format of the managed entities in Pure API.

- The endpoints for an entity are structured so that it is clear where you can expect REST or RPC semantics. This should make it easy for developers to interact with the API with a minimal upfront time investment.
- The entity format is optimized in regard to JSON data modelling best practices and with an expectation of the model evolving in a backwards-compatible manner in the future.
- The API specification is defined and published as an OpenAPI 3 specification enabling service users to quickly generate a client while at the same time providing developers with useful documentation on the API and its semantics.
- The entity API includes several helper operations that return the allowed values for the different parts of the entity model where this is relevant - this should make it easy for developers to submit valid changes to the write portions of the API.
- All modification requests are made on behalf of a specified Pure user and clearly audit logged with both user and API key details.
- As we expect the API to be able to support older clients updating against a newer version of the API, all PUT requests have [JSON merge patch](#) semantics. This ensures that older clients do not inadvertently clear new properties that they do not know about.

When the module has been successfully enabled, a Swagger UI representation of the OpenAPI 3 specification will be available at <https://your Pure hostname}/ws/api/api-docs/index.html?url=/ws/api/openapi.yaml>. The latest API on the development community sandbox server can be found in [this Swagger UI](#). A sample Java client that can be used as a starting point for developing a client can be found on the [GitHub page](#).

Information	Screenshot
The early access Pure API can be enabled in Administrator > Pure API. Please note that enabling or disabling the Pure API module requires a restart of Pure in order to take effect.	



All use of the new endpoints requires an API key that is generated in Administrator > Pure API > User API Access.

In contrast to the current Web Service API keys, the new Pure API requires a user on whose behalf the system using the API key can act.

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5. Integrations

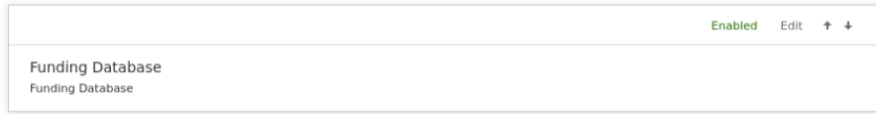
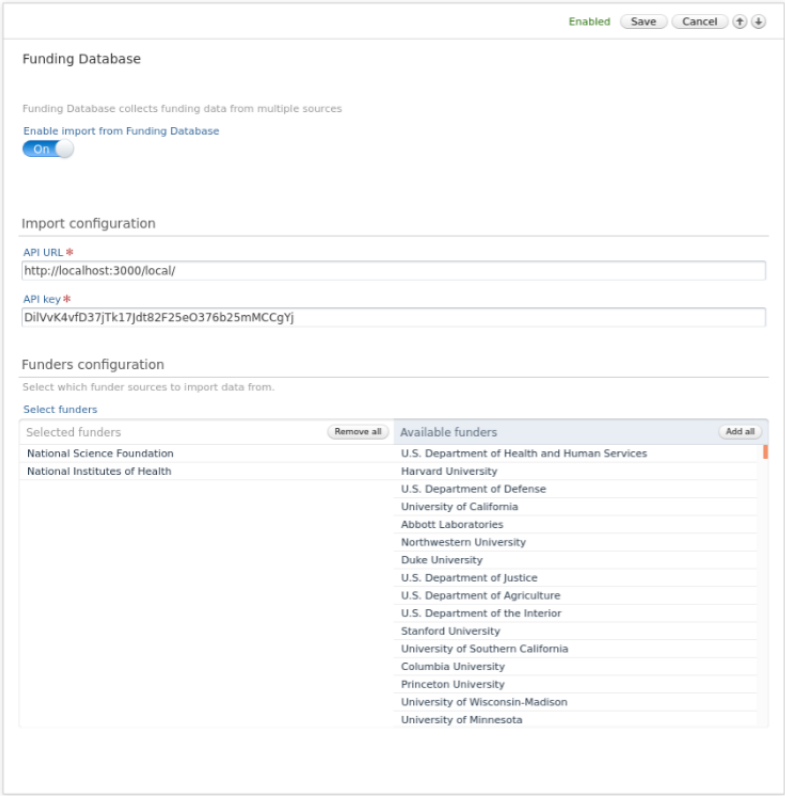
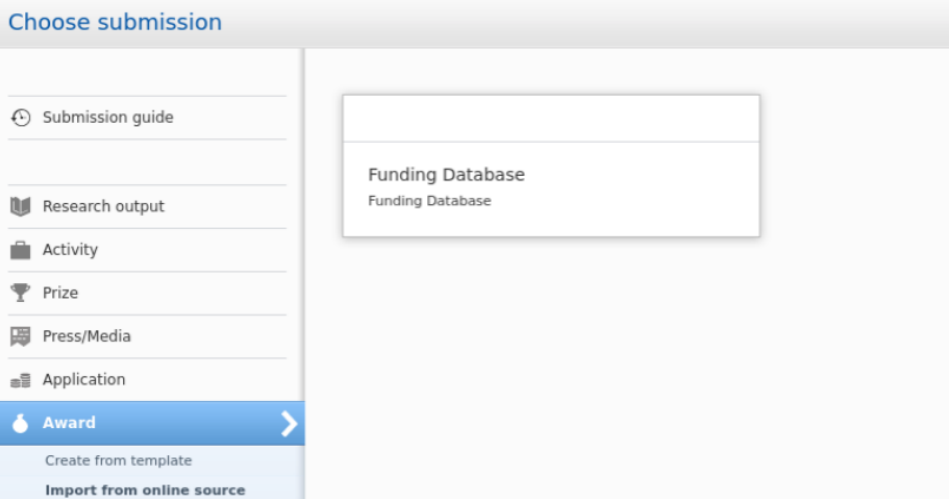
5.1. Integration with Funding Database: self-import of Awards and Projects

In this release we are happy to announce that we expanded functionality for Awards and Projects in Pure, making it possible for Personal Users to search for and import Awards and Projects from specific funders.

In addition, the Elsevier Funding Database has been added as a self-import source, allowing Personal Users to search for Awards and Projects across a variety of funding bodies from different countries. They can then quickly preview and assess Awards and Projects before adding them to Pure.

Self-import of Awards

See below for instructions on how to enable, add, and search for content from the Funding Database.

Instructions	Screenshot
<p>To enable the Funding Database as an import source, go to Administrator > Integrations > Funding Database.</p>	
<p>In the source configuration it is possible to enable the Funding Database as an import source.</p> <p>Available funders can then be selected under Funders configuration. Funders listed on the right will be excluded from the search.</p> <p>After setting the desired configuration, click Save.</p>	
<p>To search and import content, go to Editor > Awards > Import from online sources, and select Funding Database.</p>	

You can now search content using Title, Author name(s), Author ID(s), Award time range, and/or Organization name(s).

You can also combine the values. For instance, if you are interested in content with a certain title and awardee from a specific year, then you can fill out all of the fields and do a combined search.

Search results are presented as import candidates and can then be previewed and imported (or removed). Awards that have previously been imported to Pure from the Funding Database are shown as duplicates.

The funder from which the dataset is being imported is shown for all import candidates.

Self-import of Projects

See below for instructions on how to enable, add, and search for content from the Funding Database.

Instructions	Screenshot
<p>To enable the Funding Database as an import source, go to Administrator > Projects > Import sources.</p>	

In the source configuration it is possible to enable the Funding Database as an import source.

Available funders can then be selected under Funders configuration. Funders listed on the right will be excluded from the search.

After setting the desired configuration, click Save.

To search and import content, go to Editor > Projects > Import from online sources and select Funding Database.

You can now search content using Title, Author name(s), Author ID(s), Award time range, and/or Organization name(s).

You can also combine the values. For instance, if you are interested in content with a certain title and awardee from a specific year, then you can fill out all of the fields and do a combined search.

Search results are presented as import candidates and can then be previewed and imported (or removed). Projects that have previously been imported to Pure from the Funding Database are shown as duplicates.

The funder from which the project is being imported is shown for all import candidates.

Import from Funding Database

Title

Author Name(s) Author ID(s)

Organisation Name(s) Organisation ID(s)

Award Date Funding ID

Start End

603 results

Top Quark and Higgs Physics, and Two-Loop Calculations

CAREER: Search for the Higgs Boson in the H->(tau)->(tau)- Mode at Hadron Colliders

Top Quark and Higgs Boson Physics at Hadron Colliders

RUI: Role of Scalar Mesons in Low-Energy QCD and their Connections to Non-Perturbative Higgs Dynamics

Development of Trigger Systems for the Higgs Search by the Dzero Experiment

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5.2. Integration with Funding Database: improved configuration for automatic import of Awards and Projects

We are happy to announce that in release 5.22 we have expanded the configuration options for the automatic import of Awards and Projects from the Funding Database. It is now possible to either import Awards and Projects automatically, or to be presented with import candidates that can be previewed and assessed before importing them into Pure.

Details on how to enable the integration and select import options are given above.

To enable the automatic import of Awards and Projects from the Funding Database, go to Administrator > Integrations > Funding Database. In the job configuration page you will be able to set the following options:

Instructions	Screenshot
<p>Job Configuration</p> <p>We have introduced a series of toggles for configuring the import of Awards and Projects. In the job configuration, settings are divided into General Settings, affecting the entire synchronization, and separate setting for the Award and the Project synchronization.</p> <p><u>General settings:</u></p>	<p>Funding Database</p> <p>Global sync/import PlumX ScIVal Access ScIVal metrics Scopus metrics Web metrics</p> <p>Bulk import Citations and Impact Factors Unified Project Model Fingerprint Research Intelligence Full text repository Storage System information Faculty and Academic Activity Reporting Pure Portal Reporting Activities Applications Author collaborations Courses</p> <p>Import status and log Job configuration Type mapping Funders configuration Rejected Import Candidates</p> <p>Please be aware that changing the configuration will stop the current import cycle and automatically start a new cycle according to your changes.</p> <p>General settings</p> <p>Search with Scopus Author IDs <input type="checkbox"/> On</p> <p>The integration will search in Funding Database with Scopus Author IDs found in Pure.</p> <p>Scopus Institutional IDs: Search option, comma separated.</p> <p>Provide additional organisation IDs to be associated with in Funding Database</p> <p>Organisation names: Search option, comma separated.</p> <p>Pennsylvania State University</p> <p>Provide additional organisation names to be searched with in Funding Database</p> <p>???job.general.skipPotentialDuplicates-label??? <input type="checkbox"/> On</p> <p>Require internal person match <input type="checkbox"/> On</p> <p>If enabled, the FundingDatabase integration will require a match to an internal person in Pure in order to create Awards and Projects directly or create import candidates.</p> <p>Add default managing organisation <input type="checkbox"/> Off</p> <p>If enabled, the FundingDatabase integration will add a default managing organisation to Awards and Projects, where no internal organisation could be matched from the source data. This will influence how many Awards and Projects can be directly imported as a managing organisation is required. Any import candidates created, where no internal organisations could be matched, will be assigned the default organisation. The internal organisation used, will be the one configured as the default internal organisation in the Unified Project Model.</p> <p>Go to Unified Project Model Configuration</p> <p>Set a preference for when job can run, job will not run within the office hours specified. The default setting is office hours from 9:00h to 17:00h to schedule the update process off peak hours.</p> <p><input type="checkbox"/> Off</p> <p>Award Import Configuration</p> <p>Enable Award import <input type="checkbox"/> On</p> <p>On: Awards are created and added to Pure Automatically. Off: Import Candidates are created for new Awards.</p> <p>Which turned on the integration will try and import the awards directly if it can match atleast one internal person and organisation. If not it will create a Import candidate</p> <p>On: Changes are applied directly to the award in Pure. Off: an Update Candidates are created for changes to the awards in Pure.</p> <p><input type="checkbox"/> On</p> <p>You can configure who can view update candidates under the Awards menu.</p> <p>On: Awards are retired (deleted) if no longer identified as being on the Funding Database service.</p> <p><input type="checkbox"/> On</p>

In the General Settings it is possible to set the search parameters for content indexed in the Funding Database. It is possible to search on: Scopus Author ID, Organization ID, or Organization name.

- Skip Potential Duplicates: When this option is enabled, the job will check new content for duplicates against existing content in Pure, and automatically skip records when a duplicate is detected. If disabled, potential duplicates will be presented, and the Administrator can then merge multiple records in Pure.

Project Import Configuration

Enable Project import



On: Projects are created and added to Pure Automatically. Off: Import Candidates are created for new Projects.



On: Changes are applied directly to the project in Pure. Off: an Update Candidates are created for changes to the projects in Pure.



You can configure who can view update candidates under the Projects menu

On: Projects are retired (deleted) if no longer identified as being on the Funding Database service.



- Require Internal Person Match: When this option is enabled, Awards and Projects from the Funding Database will be automatically imported and saved in Pure if at least one internal Person is matched. If there is no match to an internal person, the records will be presented as import candidates.

- Add Default Managing Organization: When this option is enabled, a default managing organization will be added to Awards and Projects for which no Organization could be matched from the source data. Since a managing organization is required, this will affect the number of Awards and Projects that can be imported directly. Any import candidates for which an internal Organization could not be matched will be assigned the default managing organization.

Award and Project Import Configuration:

In the Award Import Configuration, it is possible to set conditions for the import of Awards to Pure. This section includes four options:

- Enable Award Import: Enables the import of Awards from Funding Database to Pure.
- Automatic Import vs Import Candidates: When this option is enabled, Awards that can be matched on at least one internal Person and Organization will be automatically saved in Pure. If disabled, import candidates will be created.

- Changes to Existing Awards: When this option is enabled, any changes to Awards detected when the job runs will be automatically applied. If disabled, these changes will be presented as update candidates. Awards are matched on source IDs (generated from Funding Database).

- Retire Awards: The Administrator can select whether to retire Awards that exist in Pure but are no longer indexed in the Funding Database. Awards are matched on source IDs (generated from Funding Database).

The same options are available in the Project Import Configuration.

Type Mapping

This tab lets Administrators specify the mapping for Awards imported from the Funding Database.

The default type mapping must be selected.

Import status and log Job configuration **Type mapping** Funders configuration

Type mapping

Here you can map the award types coming from Funding Database to the award types in your Pure. NIH types are only used on awards from NIH.

The default type *

Other > Award

The default type to fallback to, if no mapping is specified for a specific type.

NIH new grant

No value

NIH application type 1

NIH renewal

No value

NIH application type 2, 4, 5, 6, 8 and 9

NIH additional funding

No value

NIH application type 3

Artistic pursuit

No value

Elsevier standardised funding type: ARTISTIC

Clinical trial grants and clinical trial contracts

No value

Elsevier standardised funding type: CLINICAL

Funder Configuration

Here, Administrators can select which funders to include in the import job.

Allow execution of the job

Pure has detected that the environment has been changed. As a precaution this feature has been paused. You can unpause it by pressing this toggle which will allow the job to run again. Alternatively, you can unpause it by confirming that the configurations are correct for this Pure in the above yellow section, which will re-enable all jobs configured for this Pure.

On

Import status and log Job configuration Type mapping **Funders configuration** Rejected Import Candidates

Funders configuration

Select which funding bodies you wish to import Awards from. An up-to-date curated list of funders from the Funding Database available for automatic import to Pure is shown below.

Select funders

Selected funders

ALS Association
Alex's Lemonade Stand Foundation for Childhood Cancer
Alfred P. Sloan Foundation
Alzheimer's Association
Alzheimer's Drug Discovery Foundation
American Association for Cancer Research

Remove all

Available funders

Add all

Save

Rejected Import Candidates

Import candidates that have previously been rejected are listed in this tab. Rejected candidates can be un-rejected and will be picked up by the job when it next runs.

Import status and log Job configuration Type mapping Funders configuration **Rejected Import Candidates**

Load rejected awards

Load rejected projects

No rejected candidates loaded

Press the load buttons to load rejected candidates

Clear rejected candidates

Save

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5.3. Awards and Projects: new funders added from the Funding Database

Until this release, the integration with Funding Database supported the import of Awards and Projects from:

- NIH (<https://www.nih.gov/>)
- the National Science Foundation (NHS: <https://www.nsf.org/>)
- the Russian Foundation for Science (RFS: <https://rscf.ru/en/>)

In this release, we have expanded support to all 689 funders currently indexed by the Funding Database.

However, to facilitate the automatic import of content from the Funding Database we have curated a smaller list of 87 funders. This is to limit the number of Awards and Projects that are not automatically imported because of missing metadata (and therefore insufficient matching). All records imported from funders on our curated list include either Scopus Author IDs or Organization IDs and can therefore be matched in Pure.

When selecting the self-import configuration, it is possible to import data from the full set of 689 funders. When found, content is presented as import candidates and it is possible to edit the metadata of the Award or Project.

When importing content through the Award and Project synchronization job the list is limited to 87 funders.

Allow execution of the job

Pure has detected that the environment has been changed. As a precaution this feature has been paused. You can unpause it by pressing this toggle which will allow the job to run again. Alternatively, you can unpause it by confirming that the configurations are correct for this Pure in the above yellow section, which will re-enable all jobs configured for this Pure.

On

Import status and log Job configuration Type mapping **Funders configuration** Rejected Import Candidates

Funders configuration

Select which funding bodies you wish to import Awards from. An up-to-date curated list of funders from the Funding Database available for automatic import to Pure is shown below.

Select funders

Selected funders	Remove all	Available funders	Add all
ALS Association			
Alex's Lemonade Stand Foundation for Childhood Cancer			
Alfred P. Sloan Foundation			
Alzheimer's Association			
Alzheimer's Drug Discovery Foundation			
American Association for Cancer Research			

Save

Here are the two lists of funders indexed in the Funding Database:

- [Curated List of Funders](#)
- [Full List of Funders](#)

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5.4. Awards and Projects: improved organization matching

We have improved the integration matching mechanism so that we can now determine the managing organization more precisely. Until now, only the root organization was extracted from the source data, leading to the import of 'incorrect' Awards and Projects that have been assigned a wrong managing organization (i.e. the awardee was part of the root organization at the time they received the Award but is now a former person).

In release 5.22 we have improved the quality of the captured data. When content is imported from the Funding Database, Persons and Organizations are matched to internal Persons and Organizations. If an internal Person or Organization is matched, then that Organization is set as managing organization. If no Person or Organization is matched, a default managing organization will be assigned as managing organization.

The 'Add Default Managing Organization' option in the job configuration page enables a default managing organization to be added to Awards and Projects for which no organization could be matched (to an internal Organization) from the source data. Since a managing organization is required, this will affect the number of Awards and Projects that can be imported directly.

See below for a detailed description of the improved organization matching logic.

The logic added will, first and foremost, try and match the root organization provided in the source data to an internal Organization in Pure based on organization ID. If no internal Organization can be found, we will attempt a name match.

- **If we match to an internal Organization, we will add that Organization as the managing Organization and treat the Award or Project as internal to the institution.**
 - This means that for any Persons on it, that we match to an internal Person in Pure, we will look at the organizations they are associated to in Pure and add to the award holder/participant. These Organizations will be added using the following logic:
 - Pure will try and limit to any organizations which the Person was associated to based on the Award/Project period.
 - If none can be found, it will look at any active Organizations for the Person and pick the first one.
 - If none can be found, it will simply default to the first Organization on the Person.
 - In some cases, the source data provides a department name. Based on the department name Pure will look through the Person's organization associations and match internal Organizations.
 - If one is found, that Organization is used.
 - If multiple are found, the above described rules are applied to this subset of Organizations to pick the correct one.
 - If we are able to derive internal Organizations for the award holders/participants, the managing Organization will be overridden and set based on the first internal award holders/participants associated internal Organization
- **If we are unable to match it to an internal organization we will treat the Award or Project as external to the institution.**
 - This means that for any Persons on it, that we match to an internal Person in Pure, we will look at the organizations they are associated to in Pure and add to the award holder/participant. These Organizations will be added using the following logic:
 - Pure will try and limit to any organizations which the Person was associated to based on the Award/Project period.
 - If none can be found, the Organizations from the source data will be added to the award holder/participants as an external Organizations.
 - If we are able to derive internal Organizations for the award holders/participants, the managing Organization will be set based on the first internal award holders/participants associated internal Organization.
 - If no internal Organization can be derived, no internal managing organization is added unless the Funding Database Integration has been configured to add the configured default organization.

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5.5. Awards and Projects: Deduplication

With the expansion of the Funding Database integration and the inclusion of over 600 funders, it is important that new Awards and Projects imported to Pure do not negatively affect the existing content. To the purpose, we have added support for the identification of potential duplicates.

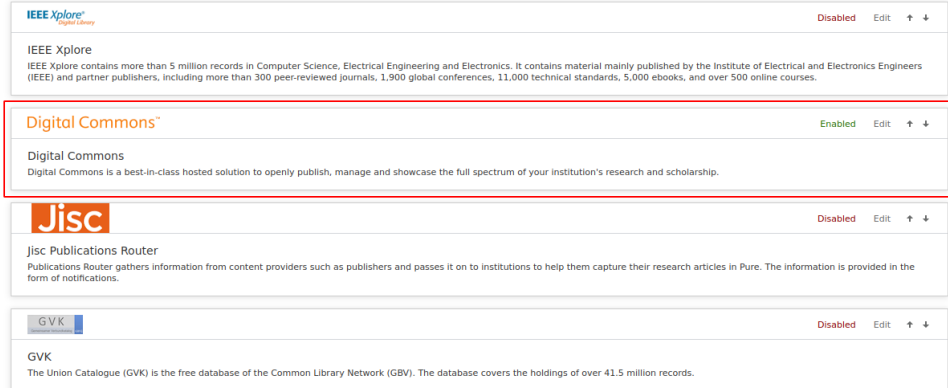

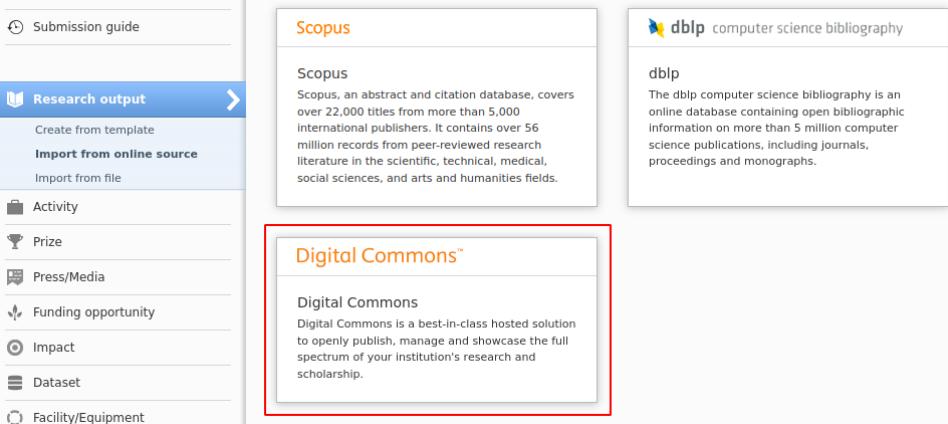
Records imported through self-import will be presented as duplicates if a match is detected on classified IDs, title, and start date of an existing record.

When importing content through the synchronization job it is possible to enable a duplication check in general settings of the job configuration. When the option to 'Skip Potential Duplicates' is enabled, the job will check new content for duplicates against existing content in Pure, and automatically skip a record when a duplicate is detected. Deduplication is based on IDs, strict title-matching (90%) and on the start date of the Award or Project. When the toggle is off, potential duplicates will be imported and the Administrator can later merge the records in Pure.

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5.6. New import source: Digital Commons

Digital Commons is a best-in-class hosted solution to openly publish, manage and showcase the full spectrum of your institution's research and scholarship. Instructions on how to enable, add and search for content from *Digital Commons* are shown below.

Instructions	Screenshot
<p>To enable Digital Commons as an import source, go to Administrator > Research Output > Import Sources</p>	 <p>The screenshot shows a list of import sources. The 'Digital Commons' entry is highlighted with a red box. It is currently 'Enabled'. Other sources like 'IEEE Xplore' and 'Jisc' are 'Disabled'.</p>
<p>A URL, Domain and Authorization key are required to use Digital Commons. To register please contact support@bepress.com.</p>	 <p>The screenshot shows the configuration page for Digital Commons. The 'Save' button is circled in red. The page includes fields for URL, Domain, and Authorization key.</p>
<p>To search and import content, go to Editor > Research Output > Import from online source and select Digital Commons.</p>	 <p>The screenshot shows the 'Import from online source' page. The 'Digital Commons' option is highlighted with a red box. Other options include Scopus and dblp.</p>

You can now search for content using article title, bepress ID, author names, or a general search on all data fields.

You can also combine the values. For instance, if you are interested in content with a certain title and author, then you can fill out both fields and do a combined search.

You can search for specific authors who are registered in Digital Commons by using the bepress ID.

When you use the general search field, your query is checked against all data fields. This is a good option e.g. if you want to run a search for keywords that maybe both in title and abstract of a publication.

- Submission guide
- Research output**
- Create from template
- Import from online source**
- Import from file
- Activity
- Prize
- Press/Media
- Funding opportunity
- Impact
- Dataset
- Facility/Equipment
- Curriculum Vitae

Digital Commons™

Import from Digital Commons

General search

Make a general search in all fields

Title

Search by title

Bepress ID

Search by Bepress ID

Author

Search by author

Search

Search for publications in Digital Commons using title, author, Bepress ID or a general search in all fields.

Search results are presented as import candidates and can then be previewed and imported (or removed). Records that already exist in Pure are shown as duplicates.

Digital Commons™

Import from Digital Commons

General search
 Make a general search in all fields

Title
 Assessment
 Search by title

Bepress ID
 Search by Bepress ID

Author
 Search by author

242 results ▾

An assessment of China's banking system reform
 GARCIA-HERRERO Alicia, SANTABÁRBARA Daniel, 2012
 Other

This Research output has already been imported from Digital Commons. [View the Research output](#)

Assessing Knowledge Management Readiness of Government Institution
 Dana Indra Sensuse, Ratih Keumala Sari, Aline Rogeleonick, Annisa Andarrachmi, J. Sofian Lusa, Winarni, 2019
 Conference paper

Digital Commons supports automatic update candidates. When content is imported, an automatic job will find updates, and they will show in the research output overview (A). When you click this menu item the update can be either accepted or rejected (B).

Editorial overview A

- Research outputs**
 - Editable** 8
 - My research output 0
 - Available updates from online sources 0 →
 - Organisations with import candidates 0
 - Persons with import candidates 2
 - Research outputs with electronic versions 8
 - Duplicate title 0
 - Duplicate ISBN 0
 - Duplicate DOI 0

localhost:8080/admin/workspace/editor/family/researchoutput/filter/updatecandidates/ B

Marie University

Reporting ERA2018 Dashboard

Search for research output...

My content Available updates

1 result

Test title v2
 Guo, S., Tang, L., Wang, G. & Asea, A. A.
 Research output: Other contribution
 PUBLISHED

Available updates

EDIT
 Available updates
 Metadata
 Metrics
 Manage duplicates

OVERVIEW
 Relations
 Fingerprints
 Display

HISTORY AND COMMENTS
 History and comments

Available updates from online sources
 Updates was last checked: 28 Jun 2021 13:30
 For each field, select whether to keep the original value or update it to a new one. When selecting multiple sources for fields supporting merge, all unique values will be merged.

Title of the contribution in original language		Select one value
Current value	Test title v2	<input type="radio"/>
New	Digital Commons Glutathione peroxidases in stem, cancer, and cancer stem cells	<input type="radio"/> →

Digital Commons supports automatic import candidates. If an author in Pure has a bepress ID (Digital Commons author ID), the system will automatically find other content from the author (A). When you click on the little green button with the number inside you get a list of import candidates (B). From there, you can either import or reject the content.

Publication import candidates for persons

Limit to current employees
 Show Persons with ID search import candidates
 Show Persons with name search import candidates

Persons	Scopus	dblp	Digital Commons
Tyedmers, Peter Organisation Person	Off	Off	2
Doe, Jane Organisation Person	Off	Off	1

Import candidates from Digital Commons for Peter Tyedmers

Research output import candidates for **Peter Tyedmers**

2 results Limit result All Sort by As returned by source

Assessing the Constitution's role as a protector of minorities: a comparative examination of Japan's homegrown approach the United States' "acceptance" of heterogeneity
 Ruby Garrett, Ruby J. Garrett, 2016
 Found: 2 Jul 2021 9:24

Import Source data Reject

Assessing the Constitution's role as a protector of minorities: a comparative examination of Japan's homegrown approach the United States' "acceptance" of heterogeneity
 Ruby Garrett, Ruby J. Garrett, 2016
 Found: 2 Jul 2021 9:24

Import Source data Do not import Reject

Import content

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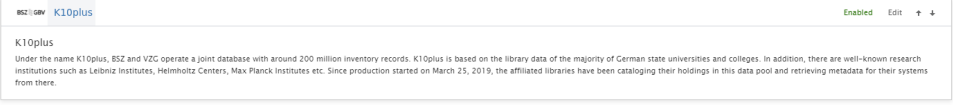
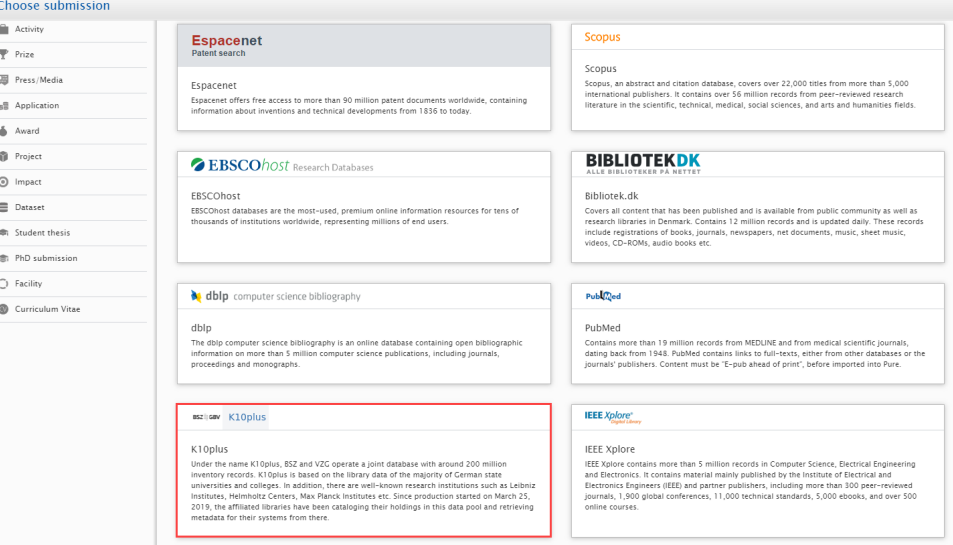
5.7. OAI: MODS language in NL-DIDL


MODS XML of NL-DIDL now includes lang attributes when requested using OAI-PMH. You may observe slightly different MODS XML with different ordering of attributes and fewer namespaces as a result.

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5.8. Import Source Update: GVK replaced by K10plus

In this release we have replaced our existing integration with GVK with the more comprehensive K10plus, a joint database that includes around 200 million inventory records from the majority of German state universities and colleges.

Instructions	Screenshot
<p>To enable K10plus as an import source, go to Administrator > Research Output > Import Sources</p>	
<p>To search and import content, go to Editor > Research Output > Import from online source and select K10plus.</p>	

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6. Reporting

6.1. Citation formats in Reporting

We're really happy to announce that it is now possible to use the citation formats for Research Outputs in the Reporting module as this is one of the most requested improvements counted by votes. With this release you can now select the various citation formats that Pure supports for Research Outputs. This makes it possible to view the list of Research Outputs in a specific format, for instance APA, or Vancouver, and these values can be used in the data story to help tell the research stories. The formats can also be used when exporting to either Excel or CSV.

You can find the formats in the same place as all the other values that you add to the Reporting module.

Pure Academy

Value Filter Split

New Column

Research outputs (A)

SELECT VALUE

Details for Research outputs

Content related to Research outputs

Search for values

Featured

Type

Information

Formats

- APA format
- Author format
- CBE/CSE format
- Harvard format
- MLA format
- Standard format
- Vancouver format

Status

Contributors and affiliations

Managed by

Article Processing Charge (APC)

Event

Assessment

Electronic versions, and related files ...

Open Access

Metrics

Keywords

Visibility

External publication IDs

Workflow

History and comments

Advanced

After adding the selected format, a new column will be added to the data table with the selected citation format.

Reporting ^{BETA} Untitled workspace Pure Academy

Create new workspace Expand mode Save Save as Share Export

Research outputs

Column A

Research outputs (A)

CHANGE VALUE

Search for values

Featured

Type

Information

Formats

- APA format
- Author format **Used in column A**
- CBE/CSE format
- Harvard format
- MLA format
- Standard format
- Vancouver format

Status

Contributors and affiliations

Managed by

Article Processing Charge (APC)

Event

Assessment

Electronic versions, and related files and links

Open Access

Metrics

Keywords

Visibility

External publication IDs

Workflow

History and comments

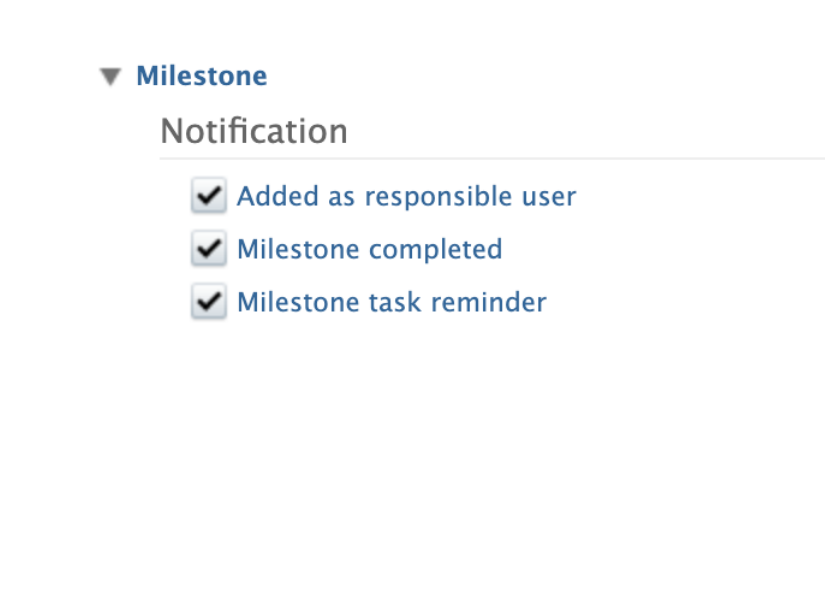

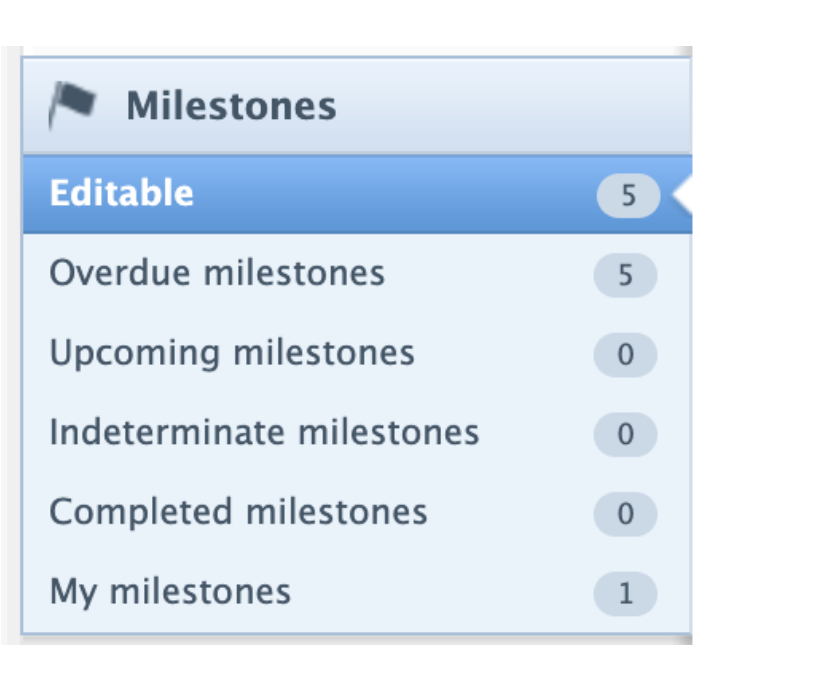
Advanced

Data table (1) 761 | 1 Add data table Data story Settings Help and support

7. Unified Project Model and Award Management

7.1. Milestones improvements

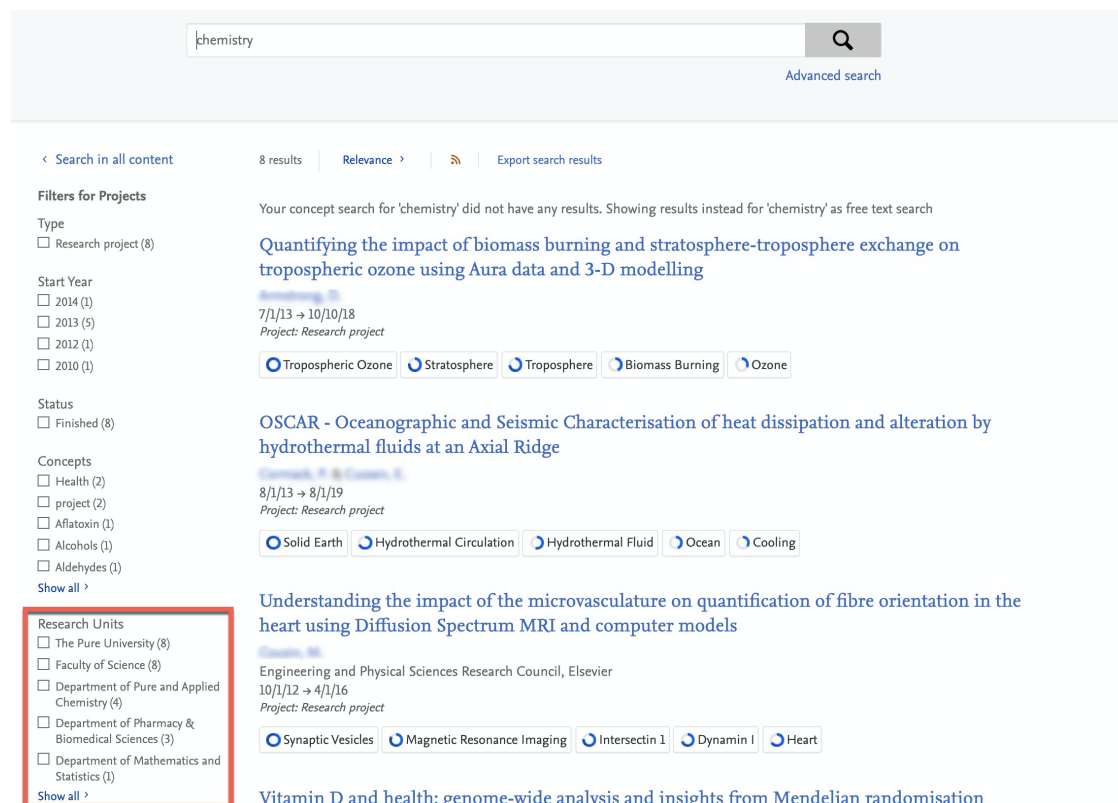
We have made a number of enhancements to our Milestones functionality available to customers using the Award Management module. With this release, we have made changes to how users can choose to receive emails and notifications, and have introduced task panel options to show those Milestones that are forthcoming or that may be overdue.

Information	Screenshot												
<p>Messaging and email notifications</p> <p>We have introduced a number of messaging/email notification options for Milestones that can be selected from within the users profile settings. These include the ability to receive:</p> <ul style="list-style-type: none"> • notifications when a Milestone has been delegated to a named (responsible) user; • notifications when Milestones have been completed; • digest reminders for overdue or forthcoming Milestones. <p>In addition to these changes, we have also made some adjustments to the email text sent by Pure in order to reduce the risk of potentially confidential award information being made available. Milestone emails will now inform users that they have a task pending and will invite them to view the associated milestone and award in Pure via a deep link URL contained in the email text.</p>	 <p>▼ Milestone Notification</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Added as responsible user <input checked="" type="checkbox"/> Milestone completed <input checked="" type="checkbox"/> Milestone task reminder 												
<p>Task panel</p> <p>We have added the option of displaying a task panel item for users to identify any forthcoming or overdue Milestones for which they have been named as the responsible user.</p>	 <p>You have a milestone that is overdue and waiting to be completed</p>												
<p>Milestone overview screen</p> <p>We have updated the filters available from the Milestones overview screen to make it easier for users to identify those Milestones they are have been assigned as named (responsible) user. We have also added a new filter to show the total of Milestones that can be completed based on the user permissions ('Editable').</p>	 <p>Milestones</p> <table border="1"> <tr> <td>Editable</td> <td>5</td> </tr> <tr> <td>Overdue milestones</td> <td>5</td> </tr> <tr> <td>Upcoming milestones</td> <td>0</td> </tr> <tr> <td>Indeterminate milestones</td> <td>0</td> </tr> <tr> <td>Completed milestones</td> <td>0</td> </tr> <tr> <td>My milestones</td> <td>1</td> </tr> </table>	Editable	5	Overdue milestones	5	Upcoming milestones	0	Indeterminate milestones	0	Completed milestones	0	My milestones	1
Editable	5												
Overdue milestones	5												
Upcoming milestones	0												
Indeterminate milestones	0												
Completed milestones	0												
My milestones	1												

8. Pure Portal

8.1. Organization filter available on more content types

In this release we have made a highly requested update to the Pure Portal search filters. It is now possible to find content in the portal based on which Research Unit contributed to it.



The screenshot shows a search interface with a search bar containing the word 'chemistry' and a magnifying glass icon. Below the search bar, there are options for 'Advanced search' and 'Export search results'. The search results are displayed in a list format, with each result including a title, a date range, and a project name. The first result is 'Quantifying the impact of biomass burning and stratosphere-troposphere exchange on tropospheric ozone using Aura data and 3-D modelling' with a date range of 7/1/13 to 10/10/18. The second result is 'OSCAR - Oceanographic and Seismic Characterisation of heat dissipation and alteration by hydrothermal fluids at an Axial Ridge' with a date range of 8/1/13 to 8/1/19. The third result is 'Understanding the impact of the microvasculature on quantification of fibre orientation in the heart using Diffusion Spectrum MRI and computer models' with a date range of 10/1/12 to 4/1/16. On the left side of the search results, there is a 'Filters for Projects' section with a 'Research Units' filter highlighted in a red box. The 'Research Units' filter includes a list of units with checkboxes: 'The Pure University (8)', 'Faculty of Science (8)', 'Department of Pure and Applied Chemistry (4)', 'Department of Pharmacy & Biomedical Sciences (3)', and 'Department of Mathematics and Statistics (1)'. Below the list is a 'Show all >' link.

The Research Unit filter was previously only available on Research Outputs. It is now available on all the following content types:

- Persons
- Projects
- Activities
- Facilities/Equipment
- Datasets
- Prizes
- Press Media
- Student Projects
- Student Theses

8.2. Limit your Portal to only show specific Organization types and/or only parts of the hierarchy

It is now possible to have greater control of what data you are exposing on your Portal. We have added two new configuration options to help you manage this. You can now:

1. Only include data associated to parts of your hierarchy.
2. Only show Organizations of a certain type.

Both of these options can only be configured by Elsevier Support, so please reach out directly to our Support Team.

Below are some examples of how these options can influence your content on the Portal. Note that the screenshots show the Administrator tab and not Portal, but that is to clearly illustrate the types.

Instructions	Screenshot
<p>As an example, here is a simple organization hierarchy.</p> <p>In the example, hierarchy, you might not want to highlight the 'Partners' part on your Portal.</p> <p>Previously, you only had the option to set the visibility of this Organizational Unit to 'Backend', or mark the unit as 'Former'. Neither option was ideal, as visibility settings affect what is exposed in the API, and marking a unit as 'Former' means introducing inaccurate data.</p>	<ul style="list-style-type: none"> ▼ Elsevier Research Groups Organizational unit: Elsevier research <ul style="list-style-type: none"> ● Elsevier Labs Organizational unit: Elsevier Labs ● Global Strategic Network Organizational unit: Academic ● Research Data Management Organizational unit: Elsevier research ● Research Metrics Organizational unit: Elsevier research ▼ Partners Organizational unit: Partnerships <ul style="list-style-type: none"> ▶ Alliances Organizational unit: Alliances ▶ Collaborations Organizational unit: Collaborations
<p>1. Only include data associated to parts of your hierarchy.</p> <p>Now it is possible to create a hierarchy filter to limit what is shown on the Portal without affecting any other functionalities in Pure.</p> <p>In the example, a filter was created to only include Organizational Units that are part of the Elsevier Research Groups.</p> <p>As a result, only content associated to an Organizational Unit within Elsevier Research Group will now be available on the Portal.</p> <p>Note: This filter can be applied to all content types associated to organizations. For example, if a Research Output was only associated to the 'Partners' Organizational Unit, it would not be exposed either.</p>	<ul style="list-style-type: none"> ▼ Elsevier Research Groups Organizational unit: Elsevier research <ul style="list-style-type: none"> ● Elsevier Labs Organizational unit: Elsevier Labs ● Global Strategic Network Organizational unit: Academic ● Research Data Management Organizational unit: Elsevier research ● Research Metrics Organizational unit: Elsevier research
<p>2. Only show Organizations of a certain type.</p> <p>You can also limit your hierarchy to certain Organization types.</p> <p>In this example, you may want to only include Elsevier Research and Academic as allowed Organization types.</p> <p>Note: This filter can only be applied to Organizations. For example, if a Research Output was only associated to Elsevier Labs (so an Organization type excluded from the filter), it would still be shown on the Portal but without any reference to the Organizational Unit (Elsevier Labs). The filter was designed to hide administrative units, which usually do not produce content.</p>	<ul style="list-style-type: none"> ▼ Elsevier Research Groups Organizational unit: Elsevier research <ul style="list-style-type: none"> ● Global Strategic Network Organizational unit: Academic ● Research Data Management Organizational unit: Elsevier research ● Research Metrics Organizational unit: Elsevier research

8.3. Web of Science (WoS) citations can now be showcased in the Portal [Kragh-Hansen, Henrik \(ELS-AAL\)](#)

Due to an updated agreement with Clarivate, we are now allowed to showcase Web of Science (WoS) citations in the Pure Portal.

Note: If you have multiple citations providers enabled, we will still only show citations from one provider on a specific piece of Research Output.

Information	Screenshot
-------------	------------

Setting available to user role: Administrator Location in Pure: Administrator > Pure Portal > Portal > Configuration > Research outputs

When configuring what metrics to show on Research Outputs, you can now also select 'WoS citations'.

It is possible to enable all the citation providers, but only the provider with the highest citation count will be shown for a given Research Output.

Note: This will republish all outputs to the portal, so it might take some time to be visible on all outputs.

It is recommended to select the same metrics providers for persons, where WoS is also available as citation and h-index as part of this update.

Visibility:
Anonymous visitor to the Portal

If WoS citations are enabled, they will be shown in the Portal where we normally show citations.

Metrics

Computed metrics

Scopus citations SciVal citations WoS citations Download Statistics

Note: We only display one of each type (the one with the highest value).

Home Profiles Research Units Equipment Projects **Research output** Datasets Prizes ...

The screenshot shows a research output card with a title "Using and Computer Vision in Numbers" and a subtitle "Research output: Other contribution". On the right side of the card, there are two statistics: "4 Citations (Web of Science)" and "6 Downloads (Pure)". The number "4" is highlighted with a red square.

9. Country-specific features

9.1. AU: ERA

9.1.1. Wide preview of FoR, and SEO % in Reporting

It is now possible to use the FoR and SEO in a wide preview mode in the Reporting module. We have added new values called: 2020 Field of Research with split percentage and 2020 Socio-Economic Objective with split percentage. It is possible to view the columns with these values in wide preview to see the pairs of FoR codes and split percentages so that you can create a report of the FoR codes, and their corresponding split percentages.

Column B

Research outputs (A-B)

CHANGE VALUE

- > Featured
- > Type
- > Information
- > Formats
- > Status
- > Contributors and affiliations
- > Managed by
- > Article Processing Charge (APC)
- > Event
- ✓ Assessment
 - 2020 Field of Research
 - 2020 Field of Research split percentage
 - 2020 Field of Research with split percentage Used i...
 - 2020 Socio-Economic Objective
 - 2020 Socio-Economic Objective split percentage
 - 2020 Socio-Economic Objective with split percentage
 - Number of associated 2020 Field(s) of Research
 - Number of associated 2020 Socio-Economic Object...


Research outputs

	A	+	...	B
	Title			2020 Field of Research with split percentage
1				
2				3001 Agricultural biotechnology: 10.00% // 3004 Crop and pasture production: 20.00% // 3007 Forestry scier
3				3001 Agricultural biotechnology: 80.00% // 3002 Agriculture, land and farm management: 20.00%
4				
5				3001 Agricultural biotechnology: 100.00%
6				

9.1.2. Job for correcting Field of Research associations on records

Prior to 5.21.0, it was possible to add more than three 2020 Fields of Research to records. In 5.21.0, the limit was set to three, but this may have potentially left some records in an invalid state (these records cannot then be saved). We have now introduced a job that fixes such records. When booting 5.22.0 (or 5.21.4), the job will run automatically and clean the content to make sure that there are no longer any records in invalid state.

If there are more than three FoR codes on any piece of content, the job will remove all but the first three FoR codes. The resulting split % will be 33.33 for the remaining three codes on the content. We log any changes to content in the job log, so that you can always double-check the changes and make necessary adjustments. The log will contain information about the ID of the changed content, as well as what the discipline assignment was before then change with split percentages, and then what the content looks like after the change.

 The job log can be found in Administrator > Jobs > Job log (find and expand 'anzsrcCleanupForsLoggingJobCallableFactory').

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Resolved issues

Issues reported by YOUR INSTITUTION

[Improvements](#)

[Bugs](#)

[Complete list \(all issues\)](#)

ALL issues

[Improvements](#)

[Bugs](#)

[Complete list \(all issues\)](#)

Installation and downloading

See the [Request Pure distribution file](#) page for information about how to request a new version of Pure.

Other Resources and Links

If you have problems with this release please contact [Pure Support](#) to get help.

Pure hosting requirements

See the [Pure Requirements](#) page for more information about the current hosting requirements for Pure.