

Uploading and linking research data/software at GSI

v. 3.0

May 2023

Document Updates:

v2.2 Description on the request correction button to send an email to the library to add the linking Dataset/Software/Article

v.2.3 Includes technical instructions on linking. Updates on how to treat software versioning in the GSI repository. Clarification on software abstract in Zenodo. Citations in GitHub repo

v.2.4 Small Errors Corrected

v.3.0 Additional section added on publishing research software now includes example from GSI GitLab

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1 Introduction

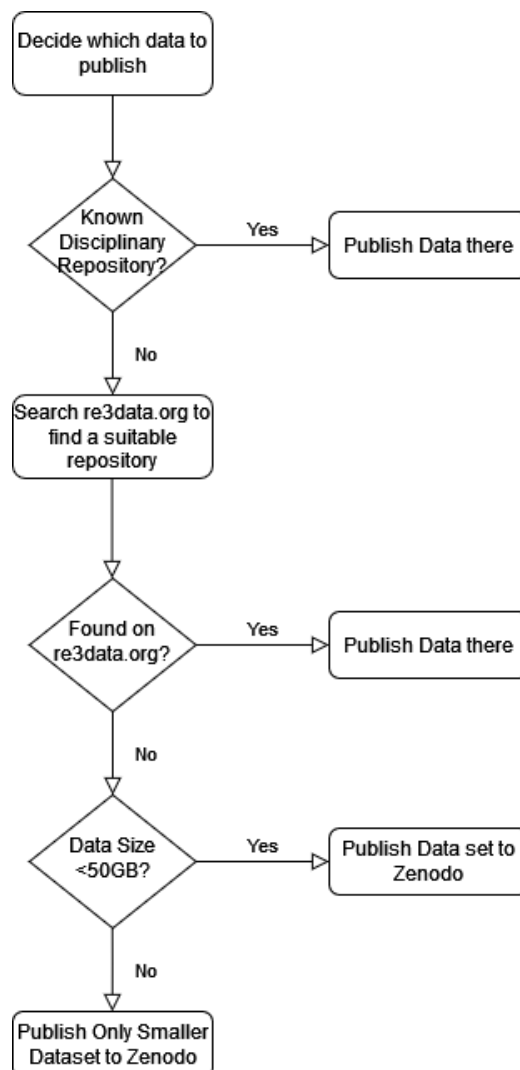
For questions, comments, or required assistance please contact the open science team open-science@gsi.de (note: support only available for users of the GSI and FAIR facilities).

This document details how to publish research data and software to an external repository, create records in the GSI publications repository (<https://repository.gsi.de/>), and link them to the corresponding publication record. Publishing research data and software is crucial for compliance with the GSI Research Data Management Policy, and for the Helmholtz POF4 indicators. To learn more about Open Science at GSI and GSI's open access policy please visit:

<https://www.gsi.de/work/forschung/open-science>

https://www.gsi.de/en/work/research/ethics_rules

As a first step, please refer to the flowchart below for guidance on how to identify a suitable research data repository. When publishing research data, the goal is to include items that can replicate the results and findings, and make the data as interoperable and reusable as possible. If the data you wish to publish is too large, consider using a smaller subset of data, such as result data from plots which can still prove useful.



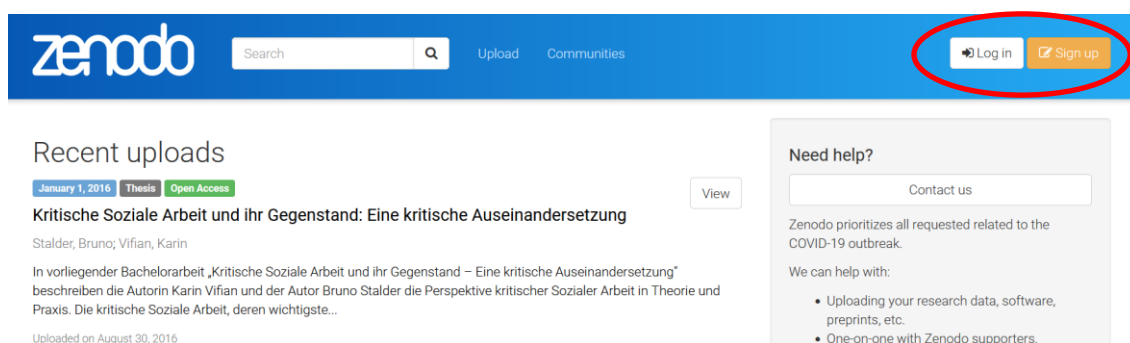
2 Publishing Data to Zenodo

The publication repository Zenodo is hosted by CERN in collaboration with [OpenAIRE](#), and can provide up to 50GB of data storage per record (more is available upon request). In addition, a persistent identifier for the data record in the form of a Digital Object Identifier (DOI) is allocated, which can then be linked to the GSI publications repository in the method described in [section 4](#) below.

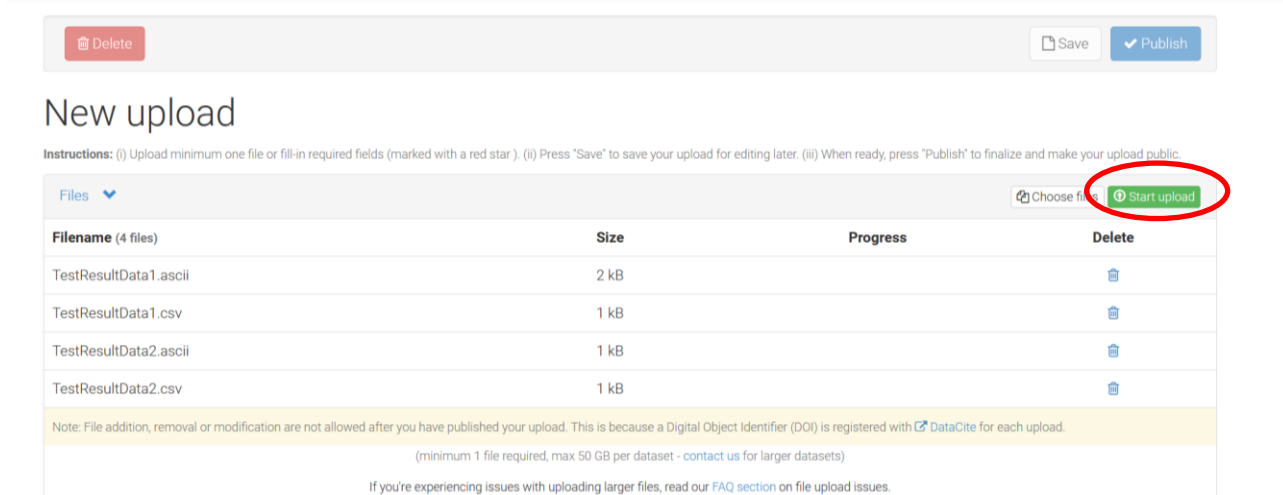
Please note that each new DOI generates costs, and thus please use with consideration. If you wish to test Zenodo, there is a Sandbox version which generates dummy DOIs: <https://sandbox.zenodo.org/>

The detailed user manual for uploading data to Zenodo can be found here <https://doi.org/10.5281/zenodo.5603317>

- a. Go to <https://zenodo.org/> and login or sign up. This would preferably be done using the ORCID account.





- b. Click on 'Upload' and select which files to publish. After the files are listed, click 'Start Upload'. Here, also upload any readme documentation or additional data/metadata description files that might be necessary. Note that the data cannot be changed once the record is published, however, it can be saved for future modifications before publishing. Additional files can be added by iterating the 'Version' number (defined below).





- c. Scroll down to upload type and select Dataset. Leave the 'Digital Object Identifier' field blank, as a DOI will automatically be assigned. You can 'reserve' the DOI in advance, such that this can be provided to the journal article for linking to the dataset pre-publication.
- d. Fill out the author(s) and title fields. The authors may not necessarily have to be those in the published journal article, but could be the person responsible for publishing the data, the principle investigator, and/or the chief data analyst for example.


Upload type required ▼



 Publication



 Poster



 Presentation



 Dataset



 Image



 Video/Audio


 Software


 Lesson


 Physical object


 Workflow


 Other

Basic information required ▼

Digital Object Identifier e.g. 10.1234/foo.bar

Optional. Did your publisher already assign a DOI to your upload? If not, leave the field empty and we will register a new DOI for you. A DOI allows others to easily and unambiguously cite your upload. Please note that it is NOT possible to edit a Zenodo DOI once it has been registered by us, while it is always possible to edit a custom DOI.


Reserve DOI

Publication date * 2022-11-02

Required. Format: YYYY-MM-DD. In case your upload was already published elsewhere, please use the date of first publication.

Title * GSI Test Dataset

Required.

Authors * Andrew Kishor Mistry n für Schwerionenforschung GmbH  ORCID (e.g.: 0000-0002-1825-0097)

Optional.

+ Add another author

- e. In the 'Description' field, describe the data set in as much detail as possible. Give a version number and keywords. If data is added or modified at a later date, the version number can be iterated (which will in turn generate a new DOI).

The screenshot shows a web form for data upload. The 'Description' field is highlighted with a red box and contains the following text:

Here, the dataset should be described in as much detail as possible. Metadata and other data structure should be given. If needed, a separate document describing the dataset in advanced detail can be uploaded.

The data was part of experiment XYZ, collected in the period 24.12.2021 - 05.01.22 at GSI Helmholtzzentrum für Schwerionenforschung GmbH, with experiment number G-22-00123

The experimental instrument used was the DESPEC setup coupled to the SHIP separator

This is a randomly generated test dataset for the purposes of providing documentation for publishing data to Zenodo, and linking to the GSI publications repository.

Below the description, the 'Version' field is set to '1.0'. The 'Language' field is set to 'eng'. The 'Keywords' field contains 'Nuclear Physics' and 'Research Data Management'.

- f. The next step is to define the access rights and the license. The selection options include open access (immediate), an embargo period up to six months, restricted access whereby users will need request access, and closed access. These fields can be modified at a later date. For example, closed access or an embargo period can be adopted up until the date of journal publication.

The screenshot shows the 'License' section of the data upload form. The 'Access right' field is highlighted with a red box and has four radio button options:

 Open Access

 Embargoed Access

 Restricted Access

 Closed Access

Below these options, it says 'Required. Open access uploads have considerably higher visibility on Zenodo.'

The 'License' field is also highlighted with a red box and contains 'Creative Commons Attribution 4.0 International'. Below this field, it says 'Required. Selected license applies to all of your files displayed on the top of the form. If you want to upload some of your files under different licenses, please do so in separate uploads. If you cannot find the license you're looking for, include a relevant LICENSE file in your record and choose one of the Other licenses available (Other (Open), Other (Attribution), etc.). The supported licenses in the list are harvested from opendefinition.org and spdx.org. If you think that a license is missing from the list, please contact us.'

A note on licenses: According to the research data management policy of GSI/FAIR, the open access license should be Creative Commons Attribution 4.0 International (CC-BY 4.0). <https://creativecommons.org/licenses/by/4.0/>

- g. Include any Grants (only openAIRE projects – use the Additional Notes field for any other Grants).

- h. In the related identifiers add identifiers such as DOI's to link the record to the published journal article or any software code.

Funding recommended ▾

Zenodo is integrated into reporting lines for research funded by the European Commission via [OpenAIRE](#). Specify grants which have funded your research, and we will let your funding agency know!

Grants European Commission (EU) ✕

Optional. OpenAIRE-supported projects only. For other funding acknowledgements, please use the *Additional Notes* field.
Note: a human Zenodo curator will need to validate your upload - you may experience a delay before it is available in OpenAIRE.

[+ Add another grant](#)

Related/alternate identifiers recommended ▾

Specify identifiers of related publications and datasets. Supported identifiers include: DOI, Handle, ARK, PURL, ISSN, ISBN, PubMed ID, PubMed Central ID, ADS Bibliographic Code, arXiv, Life Science Identifiers (LSID), EAN-13, ISTD, URNs and URLs.

Related identifiers ▾ ▾ ✕

Optional. Resource type of the related identifier.

[+ Add another related identifier](#)

- i. The remainder of the fields (contributors, references,...) can be filled out as desired.
- j. Click 'Save' and then 'Publish'. The record is now available and accessible with the DOI.

zenodo
 Upload Communities
a.k.mistry@gsi.de ▾

November 2, 2022 Dataset Closed Access

GSI Test Dataset

Andrew Kishor Mistry

Here, the dataset should be described in as much detail as possible. Metadata and other data structure should be given. If needed, a separate document describing the dataset in advanced detail can be uploaded.

The data was part of experiment XYZ, collected in the period 24.12.2021 - 05.01.22 at GSI Helmholtzzentrum für Schwerionenforschung GmbH, with experiment number G-22-00123

The experimental instrument used was the DESPEC setup coupled to the SHIP separator

This is a randomly generated test dataset for the purposes of providing documentation for publishing data to Zenodo, and linking to the GSI publications repository.

The dataset is in the form of Result Data in a table three columns of Energy in electronvolts (eV), counts and etc. etc.

The data is given in the format of both .csv and .ascii. Software ABC can be used to open and access the files.

Preview

Sample 1	Energy	Counts	Time
	eV	eV ⁻¹	S
	0	9	26.8
	1	4	29
	2	6	27.8
	3	1	33.2
	4	4	29.4

[Edit](#)

New version

0
views

0
downloads

[See more details...](#)

Indexed in

OpenAIRE

Publication date:
November 2, 2022

DOI: 10.5281/zenodo.7274418

Keywords (s):
Nuclear Physics Research Data Management

Versions

Note that additional files will require an iteration of the version number, and thus a new DOI will be generated.

3 Publishing software on Zenodo

Publishing software on Zenodo generates a Digital Object Identifier (DOI) for the software version that is then accessible. Note that it is recommended to use the GSI Gitlab for software developments, or the OSSR. If GitHub is used, this can be done automatically through Zenodo. If the software is on GSI Gitlab (<https://git.gsi.de/explore/projects>) then proceed to step [3.2](#)

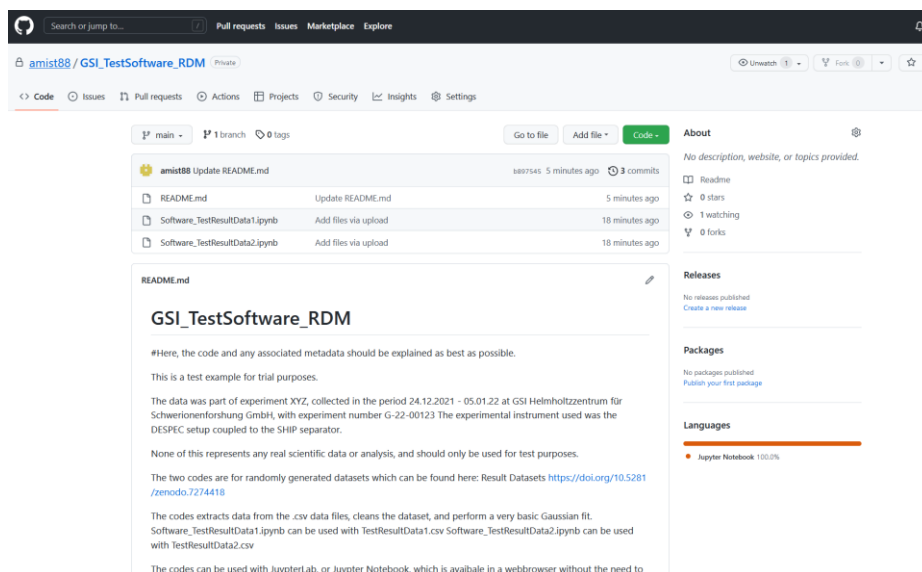
To ensure proper tracking and preservation of modified code, utilise version control, or establish a separate repository for the code. Obtain a unique DOI for this new version, and add a record for this versioning/repository in the GSI publications repository (see section [4](#)).

Please note that each new DOI generates costs, and thus please use with consideration. If you wish to test Zenodo, there is a Sandbox version which generates dummy DOIs: <https://sandbox.zenodo.org/>

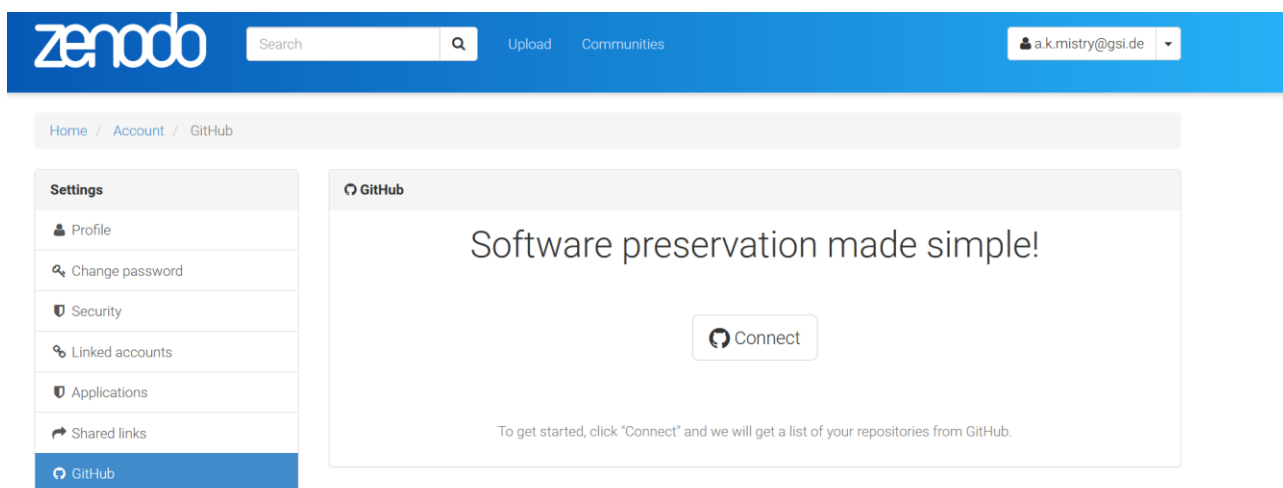
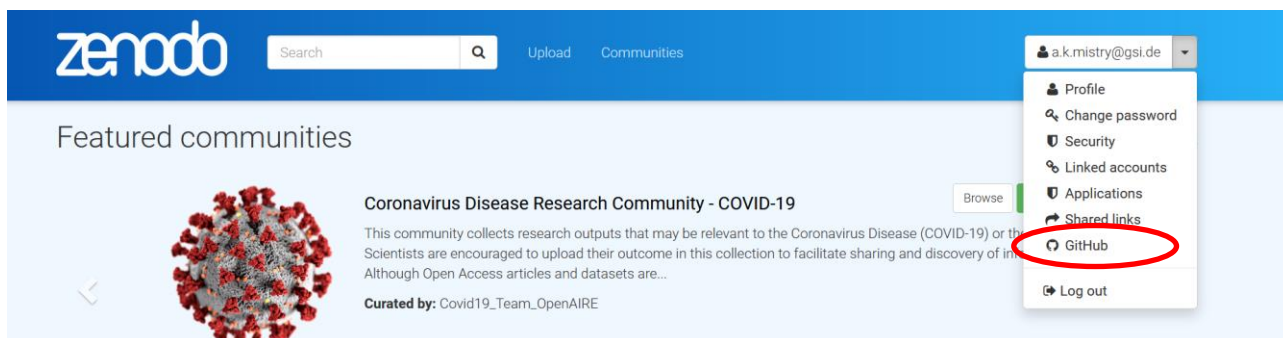
The detailed user manual for uploading data to Zenodo can be found here <https://doi.org/10.5281/zenodo.5603317>

3.1 Publishing on Zenodo via Github

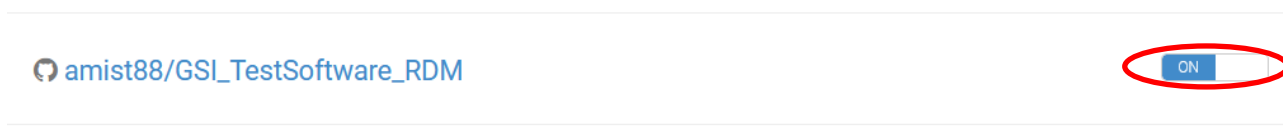
An example is given of some basic test software uploaded to GitHub. The GitHub repository has to be public for this to work. Please ensure that your code has been checked/curated by another party before publishing.



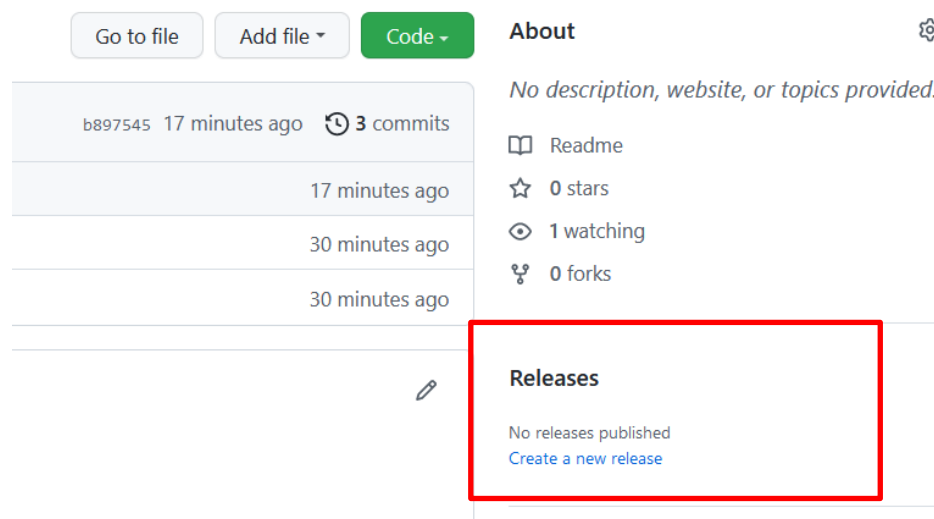
- Login to Zenodo (either create an account or preferably use ORCID), and select GitHub from the menu



- b. Connect to your GitHub account, and toggle the code repository you wish to publish to 'On'



- c. In GitHub, a release has to be made for the software. Please follow the GitHub guide on releases if you are unsure: [GitHub release instructions](#)



After a release is made, a DOI is automatically generated and a zipped version of the released code is automatically uploaded to Zenodo

The screenshot shows the Zenodo interface for a software release. The header includes the Zenodo logo, a search bar, and navigation links for 'Upload' and 'Communities'. The user profile 'a.k.mistry@gsi.de' is visible in the top right. The main content area displays the repository title 'amist88/GSI_TestSoftware_RDM: GSI Test Code Release 1' by Andrew Mistry. The description states it is the first release of GSI test linking software/code examples. It provides details about the data source (experiment XYZ) and the software's purpose (extracting data from .csv files and performing a Gaussian fit). A changelog link is provided. On the right, there are buttons for 'Edit', 'New version', and statistics showing 0 views and 0 downloads. Below the statistics, it indicates the repository is available in GitHub and indexed in OpenAIRE. The 'Publication date' is November 3, 2022, and the DOI is 10.5281/zenodo.7277784. The 'License (for files)' is set to 'Other (Open)'. A file preview window shows a zipped folder 'GSI_TestSoftware_RDM-1.0.zip' containing a README.md (1.1 kB), Software_TestResultData1.ipynb (29.6 kB), and Software_TestResultData2.ipynb (29.3 kB).

- d. Add details about the code to the Description field. If necessary, copy and paste the README file from the code repository here.
- e. The next step is to define the access rights and the license. The selection options include open access (immediate), an embargo period up to six months, restricted access whereby users will need request access, and closed access. These fields can be modified at a later date. For example, closed access or an embargo period can be adopted up until the date of journal publication.

The default GSI software license is GPLv3 (GNU General Public License version 3), however **please consult the GSI policy on open software** (internal only) found on the [Ethics and Rules page](#), and consider if the software contains any Technology Transfer aspects, third party software etc. that must be taken into account. When entering this into Zenodo, you have to type "GNU v3" into the License search bar.

License required ▾

Access right *

Open Access

Embargoed Access

Restricted Access

Closed Access

Required. Open access uploads have considerably higher visibility on Zenodo.

License *

GNU General Public License v3.0 only

Required. Selected license applies to all of your files displayed on the top of the form. If you want to upload some of your files under different licenses, please do so in separate uploads. If you cannot find the license you're looking for, include a relevant LICENSE file in your record and choose one of the *Other* licenses available (*Other (Open)*, *Other (Attribution)*, etc.). The supported licenses in the list are harvested from opendefinition.org and spdx.org. If you think that a license is missing from the list, please [contact us](#).

f. Further down, use related/alternate identifiers to give links to the dataset/journal article.

Related/alternate identifiers recommended ▾

Specify identifiers of related publications and datasets. Supported identifiers include: DOI, Handle, ARK, PURL, ISSN, ISBN, PubMed ID, PubMed Central ID, ADS Bibliographic Code, arXiv, Life Science Identifiers (LSID), EAN-13, ISTC, URNs and URLs.

Related identifiers

✕

Optional. Resource type of the related identifier.

[+ Add another related identifier](#)

g. Finally, save and then publish to confirm the edits.

Thesis optional ▶

Subjects optional ▶

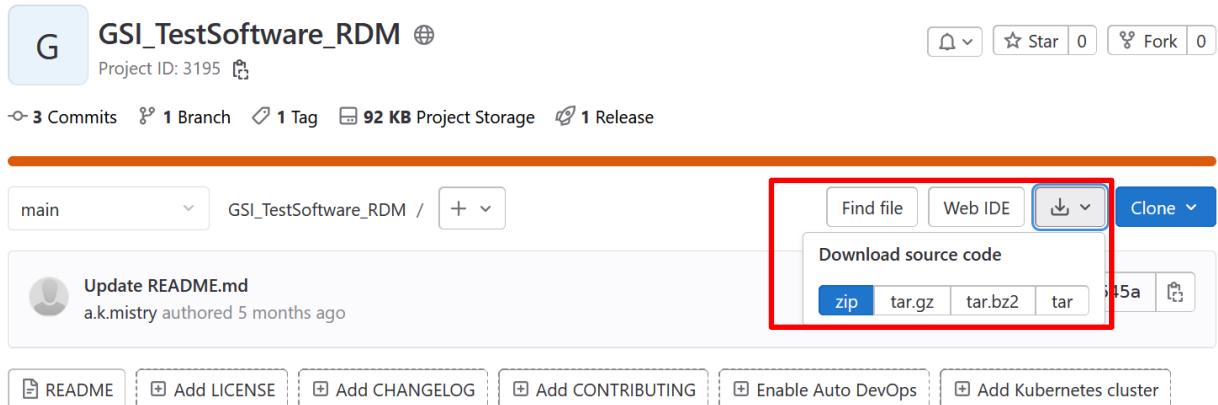
Delete
Save Publish

Optional: After publication, you can add a citation file for the published work to your GitHub repository. Please see the documentation: [Citing work in GitHub](#)

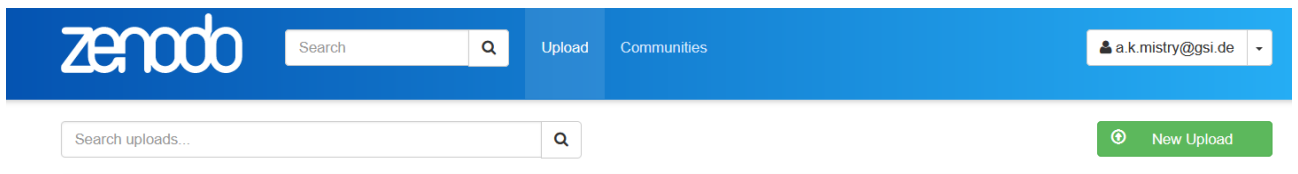
3.2 Publishing on Zenodo via GSI GitLab

If you publish via GSI Gitlab (<https://git.gsi.de/explore/projects>) follow the above steps. Please ensure that your code has been checked/curated by another party before publishing.

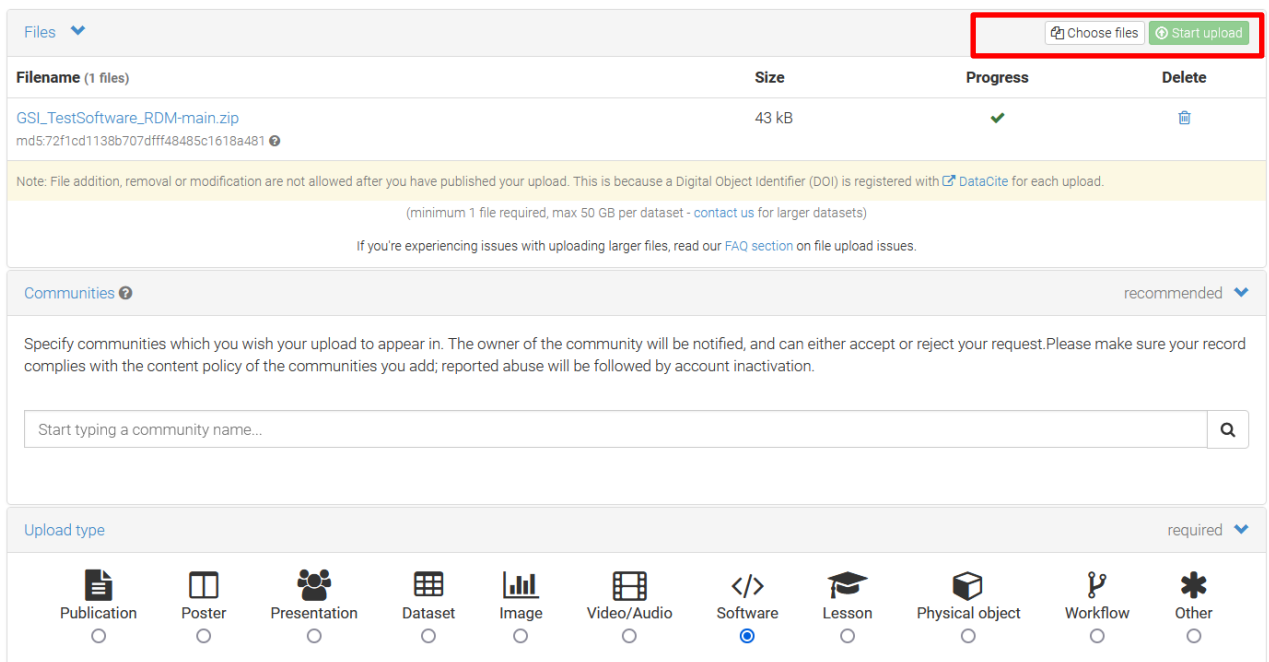
- a. In the GSI GitLab, go to the project page and download the project as a compressed file



- b. In Zenodo go to new upload



- c. Upload the compressed project file and click on "Start Upload". Select Software for the upload type.



- d. Add details about the code to in the Description field. If necessary, copy and paste the README file from the code repository here.

[+ Add another author](#)

Description *

The two codes are for randomly generated datasets which can be found here: Result Datasets <https://doi.org/10.5281/zenodo.7274418>

The codes extracts data from the `.csv` data files, cleans the dataset, and perform a very basic Gaussian fit. Software_TestResultData1.ipynb can be used with TestResultData1.csv Software_TestResultData2.ipynb can be used with TestResultData2.csv

The codes can be used with JupyterLab, or Jupyter Notebook, which is available in a webbrowser without the need to install any software locally. <https://jupyter.org/try>

Required.

- e. Define the Access rights and the license. An embargo period can be selected here up to six months. Alternatively, restricted access can be defined, whereby users will need request access. Finally, closed access will stop all forms of external access. Note that these fields can be modified at a later date. For example, closed access or an embargo period can be adopted up until the date of journal publication.

The default GSI software license is GPLv3 (GNU General Public License version 3), however **please consult the GSI policy on open software** (internal only) found on the [Ethics and Rules page](#), and consider if the software contains any Technology Transfer aspects, third party software etc. that must be taken into account. When entering this into Zenodo, you have to type "GNU v3" into the License search bar.

License required ▾

Access right *

Open Access

Embargoed Access

Restricted Access

Closed Access

Required. Open access uploads have considerably higher visibility on Zenodo.

License *

GNU General Public License v3.0 only

Required. Selected license applies to all of your files displayed on the top of the form. If you want to upload some of your files under different licenses, please do so in separate uploads. If you cannot find the license you're looking for, include a relevant LICENSE file in your record and choose one of the *Other* licenses available (*Other (Open)*, *Other (Attribution)*, etc.). The supported licenses in the list are harvested from opendefinition.org and spdx.org. If you think that a license is missing from the list, please contact us.

- f. Further down, use related/alternate identifiers to give links to the dataset/journal article.

Related/alternate identifiers recommended ▾

Specify identifiers of related publications and datasets. Supported identifiers include: DOI, Handle, ARK, PURL, ISSN, ISBN, PubMed ID, PubMed Central ID, ADS Bibliographic Code, arXiv, Life Science Identifiers (LSID), EAN-13, ISTC, URNs and URLs.

10.5281/zenodo.7274418
is supplemented by this upload ▾
Dataset ▾
✕

Optional. Resource type of the related identifier.

+ Add another related identifier

e. Finally, save and then publish to confirm the edits.

Thesis optional ▶

Subjects optional ▶

Delete
Save
Publish

A DOI is automatically generated and the project is available

April 27, 2023

Software Open Access

Edit

New version

0

views

0

downloads

See more details...

GSI_TestSoftware_RDM

ID Andrew

GSI_TestSoftware_RDM

#Here, the code and any associated metadata should be explained as best as possible.

This is a test example for trial purposes.

The data was part of experiment XYZ, collected in the period 24.12.2021 - 05.01.22 at GSI Helmholtzzentrum für Schwerionenforschung GmbH, with experiment number G-22-00123 The experimental instrument used was the DESPEC setup coupled to the SHIP separator.

None of this represents any real scientific data or analysis, and should only be used for test purposes.

The two codes are for randomly generated datasets which can be found here: Result Datasets <https://doi.org/10.5281/zenodo.7274418>

The codes extracts data from the .csv data files, cleans the dataset, and perform a very basic Gaussian fit. Software_TestResultData1.ipynb can be used with TestResultData1.csv Software_TestResultData2.ipynb can be used with TestResultData2.csv

The codes can be used with JupyterLab, or Jupyter Notebook, which is available in a web browser without the need to install any software locally. <https://jupyter.org/try>

Indexed in

Publication date:
April 27, 2023

DOI:
DOI 10.5281/zenodo.7871130

Related identifiers:
Supplement to
[10.5281/zenodo.7274418](https://doi.org/10.5281/zenodo.7274418) (Dataset)

License (for files):
[GNU General Public License v3.0 only](#)

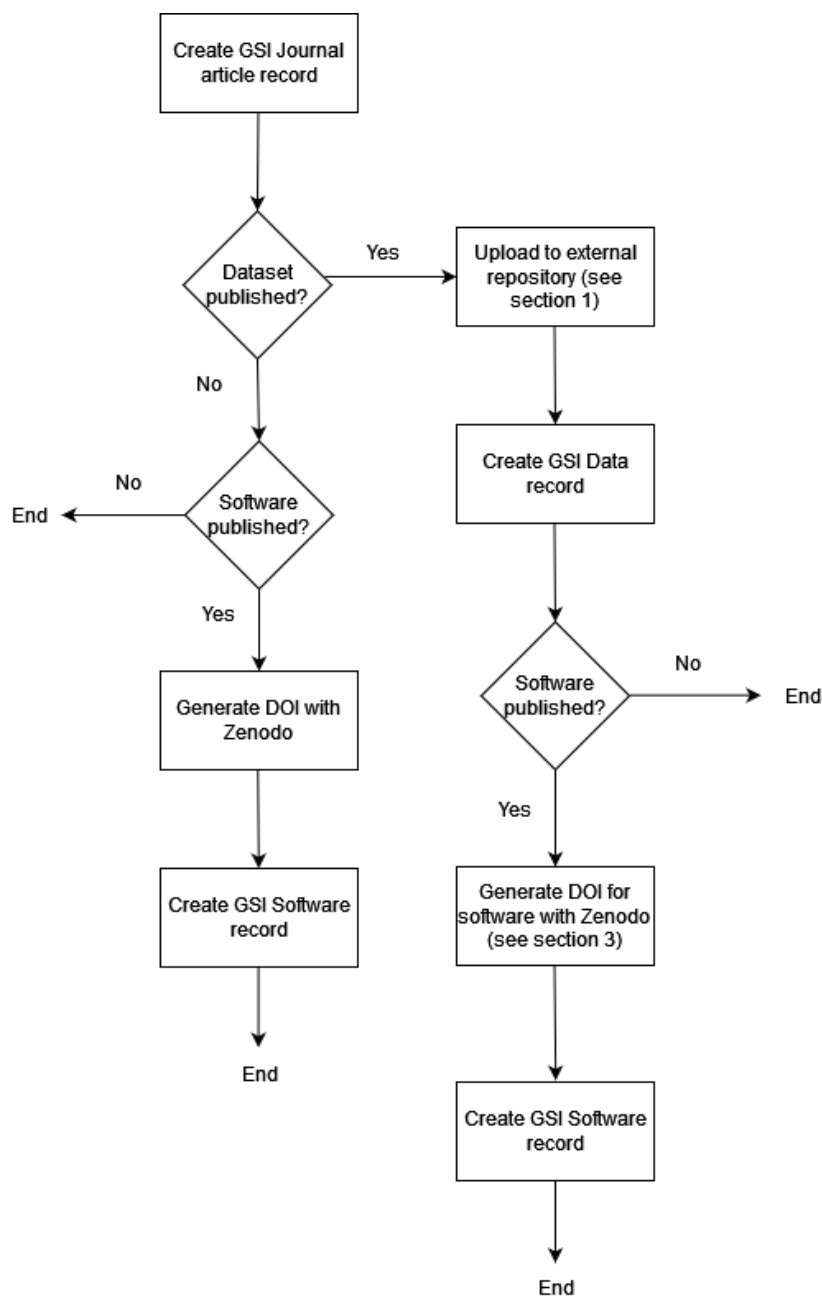
Preview

GSI_TestSoftware_RDM-main.zip

- GSI_TestSoftware_RDM-main
 - README.md 1.1 kB
 - Software_TestResultData1.ipynb 29.6 kB
 - Software_TestResultData2.ipynb 29.3 kB

4 Linking entries between publication and research data/software in the GSI repository

This example focusses on Zenodo, but applies to any item published with a DOI (or other persistent identifier) in an external repository. The workflow for journal/data/software is given here:



The instructions on how to execute the workflow are given in the following. If help is needed with any of the steps, please contact the open science team (open-science@gsi.de) (note: support only available for users of the GSI/FAIR Facility)

- a. In the GSI repository (<https://repository.gsi.de/>), first **create the record of the journal article/written publication**. A description of how to do this can be found here: <https://join2.de/Main/GSItipps>
- b. Next is to create a record for the dataset. Select "SUBMIT".

GSI REPOSITORY

SEARCH **SUBMIT** PERSONALIZE ▼ HELP ADMINISTRATION ▼

Search 174,470 records for:

any field

[Search Tips](#)

GSI's portal to the references of the scientific publications and to the open access full texts

[Recent additions to publications database](#)

GSI Scientific Reports
[2021](#), [2020](#), [2019](#), [2018](#), [2017](#), [2016](#), [2015](#), [2014](#), [2013](#), [2012](#), [2011](#), [2010](#), [2009](#), [2008](#), [2007](#), [2006](#), [2005](#), [200](#), [1988](#), [1987](#), [1986](#), [1985](#), [1984](#), [1983](#), [1982](#), [1981](#), [1980](#), [1979](#), [1981/82](#), [1979/80](#), [1977](#), [1976](#)

GSI Short Reports
[2020](#), [2019](#)

GSI FUE Programs
[2020](#), [2019](#)

Narrow by collection:

- Publications database** (16,432)
- Open Access** (3,389)

- c. Scroll down to "Other Resources" and select "Dataset". This will load the submission form

- Other Resources
 - Abstract
 - Communication
 - **Dataset**
 - Event
 - Form / Template
 - Internal Report
 - Multimedia
 - Minutes
 - News
 - Notes
 - Physical Object
 - Preprint
 - Project
 - Software
 - Website

- d. Go to the external repository and copy the Digital Object Identifier (DOI): example here is given of a test dataset in Zenodo.

zenodo Search Upload Communities a.k.mistry@gsi.de

November 2, 2022 Dataset Closed Access Edit

GSI Test Dataset

Andrew Kishor Mistry

Here, the dataset should be described in as much detail as possible. Metadata and other data structure should be given. If needed, a separate document describing the dataset in advanced detail can be uploaded.

The data was part of experiment XYZ, collected in the period 24.12.2021 - 05.01.22 at GSI Helmholtzzentrum für Schwerionenforschung GmbH, with experiment number G-22-00123

The experimental instrument used was the DESPEC setup coupled to the SHIP separator

This is a randomly generated test dataset for the purposes of providing documentation for publishing data to Zenodo, and linking to the GSI publications repository.

The dataset is in the form of Result Data in a table three columns of Energy in electronvolts (eV), counts and etc. etc.

The data is given in the format of both .csv and .ascii. Software ABC can be used to open and access the files.

Sample 1	Energy	Counts	Time
	eV	eV^-1	S
	0	9	26.8
	1	4	29
	2	6	27.8
	3	1	33.2
	4	4	29.4

Indexed in OpenAIRE

Publication date: November 2, 2022

DOI: **10.5281/zenodo.7274418**

Keyword(s): Nuclear Physics, Research Data Management

Versions

- e. In the GSI repository submission form, copy the DOI (e.g. 10.5281/zenodo.7274418) into the 'Import data' field and press enter. The fields should load into the form.

Submit New Record

Dataset Submission

Import data Import history Use the IMPORT field above to import from bibliographic resources or other records. Your imports will show up here

- f. Please fill in the remaining fields (e.g. POF4, Department, ensure relevant for VDB is selected etc.)

- g. Make sure to edit the primary author and select them as 'corresponding author from the drop down list

- h. If the record of a publication is available in the GSI repository please enter this information into the 'Additional information/General Notes' field.

The journal publication record is shown here with its recordID

Additional information / general notes ⓘ
 Journal Article GSI record: GSI-2022-00011

- i. At the bottom of the page, click the **“Finish & Release”** button.

Please upload your full text ⓘ [Add new file](#)

I/We confirm that the uploaded article does not infringe any third party's rights or laws, and that I/we agree to assign the non-

Finish & Release Postpone


- j. *If you plan to also publish the software, omit this step until the software record has been entered.* Open the newly created record and at the bottom of the page click **‘Request correction’**. An email link should appear where you can specify that you wish the linking between dataset/software and article which will inform the library department to do this step.

→ **Add to personal basket**

→ Export as [Author List with IDs](#), [BibTeX \(UTF-8\)](#), [EndNote XML](#), [EndNote Text](#), [RIS](#), [MARC](#), [Print MARC](#), [MARCXML](#), [DC](#),

→ **Request correction**

→ **Submit fulltext**

✉ 

Only after the document has been cross-checked by the editors (RDM officer/library) does the record become public, and only then are linking and data searches available (in the meantime they remain restricted and the full link cannot be seen).

- k. When entering the software record in the GSI publications repository, please do the same as for the dataset record. In this case, **please provide the RecordID for the journal record (internal GSI record) in the ‘Additional information/general notes’ field, and in addition the RecordID for the dataset record (if applicable).** Then select **‘Request correction’** at the bottom of the record page. This is to notify the Library and documentation department that this should be linked back to the journal article record.

In the additional information field, the journal article ID is given.

Additional information / general notes ⓘ

This is the software record being submitted. The record ID for the Journal article is GSI-2022-00011

In summary, if you have a journal article, a dataset and software that is published externally, In the GSI publications repository:

- 1. Create a journal article record and note the journal recordID.**
- 2. Create a Dataset record and import the external dataset repository record via the DOI (e.g. in Zenodo). Then, write the journal recordID into the 'Additional information/General Notes' field**
- 3. Create a Software record. Again, link to the external repository with the DOI (e.g. in Zenodo). Write the journal recordID AND the dataset recordID (if applicable) into the 'Additional information/General Notes' field**
- 4. Go to any of the records and click 'Request correction' at the bottom of the page. In the email that appears, state that the records should be linked**

The remaining steps to link the software record to the journal article record and vice versa will be completed by the RDM coordinator/library and documentation department.

The example below shows a completed record with dataset and software linked after the library and documentation department, or RDM coordinator has completed the final linking steps.

Information | Files | Holdings

0028-0836
Journal Article GSI-2022-00011

GSI Test Journal Article for Research Data Management

Mistry, A. K. (Corresponding author)*
2022
Nature Publ. Group London [u.a.]

Nature <London> 605, 1 (2022) ○○○

Abstract: This is a test record to describe how to link research data from an external repository to the GSI publications repository

Classification:

- ddc:500

Contributing Institute(s):

1. Bibliothek & Dokumentation (BUD)

Research Program(s):

1. 612 - Cosmic Matter in the Laboratory (POF4-612), (POF4-612)

Experiment(s):

1. (Altdata therefore no facility)

Database coverage:
PubMed[®]; BIOSIS Previews; Biological Abstracts; Chemical Reactions; Clarivate Analytics Master Journal List; Current Contents - Agriculture, Biology and Environmental Sciences; Current Contents - Life Sciences; Current Contents - Physical, Chemical and Earth Sciences; Ebsco Academic Search; Essential Science

Indicators: IF >= 40; Index Chemicus; JCR; Nationallizenz² gefördert von der ; SCOPUS; Science Citation Index Expanded; Web of Science Core Collection; Zoological Record

The record appears in these collections:
Private Institute collections > >WGF > >RED > BUD
Document types > Articles > Journal Article
Infrastructure > Library & Documentation
Workflow collections > Public records
Publications database

Linked articles:

Software
Mistry, A. K. (Corresponding author)*
amist88/GSI_TestSoftware_RDM: GSI Test Code Release 1
[10.5281/ZENODO.7277784] BioTeX | EndNote XML | Text | RIS

Dataset
Mistry, A. K. (Corresponding author)*
GSI Test Dataset for Research Data Management
[10.5281/ZENODO.7274418] BioTeX | EndNote XML | Text | RIS

Record created 2022-11-02, last modified 2022-11-03 Similar records

If modifications are needed, this can be done with the "Modify this record" button in the lower right corner of the record view, as long as the entry has not yet been processed in the workflow. If you still need to make changes then please use the "Request correction" link in the lower right corner of the detailed record view. An email will automatically be sent to gsilibrary@gsi.de

5 Useful Links

GSI Ethics and Rules Link: https://www.gsi.de/en/work/research/ethics_rules

GSI/FAIR Open Science Webpage: <https://www.gsi.de/work/forschung/open-science>

GSI repository: <https://repository.gsi.de/>

GSI repository Wiki Guide: <https://join2.de/Main/GSIHelpAndTipps>

Zenodo <https://zenodo.org/>

Zenodo user guide: <https://doi.org/10.5281/zenodo.5603317>

Zenodo Sandbox (for testing purposes) <https://sandbox.zenodo.org/>

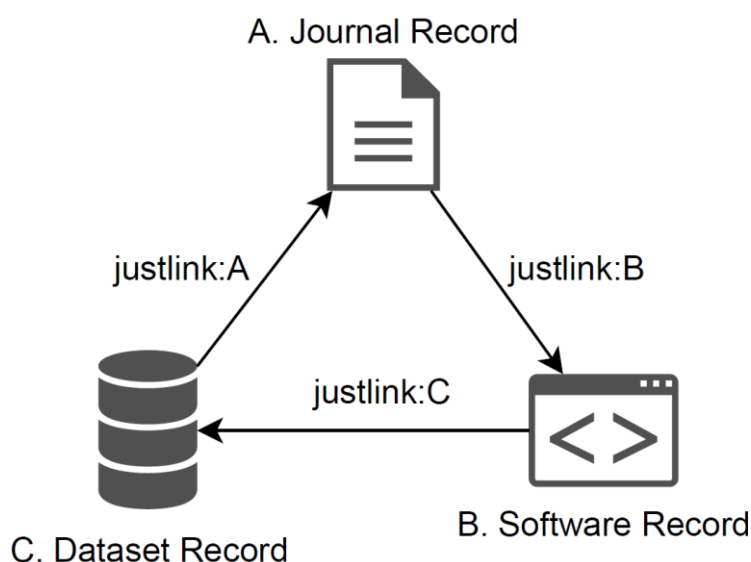
GitHub release project notes: <https://docs.GitHub.com/en/repositories/releasing-projects-on-GitHub/managing-releases-in-a-repository>

Creative Commons licenses: <https://creativecommons.org/licenses/by/4.0/>

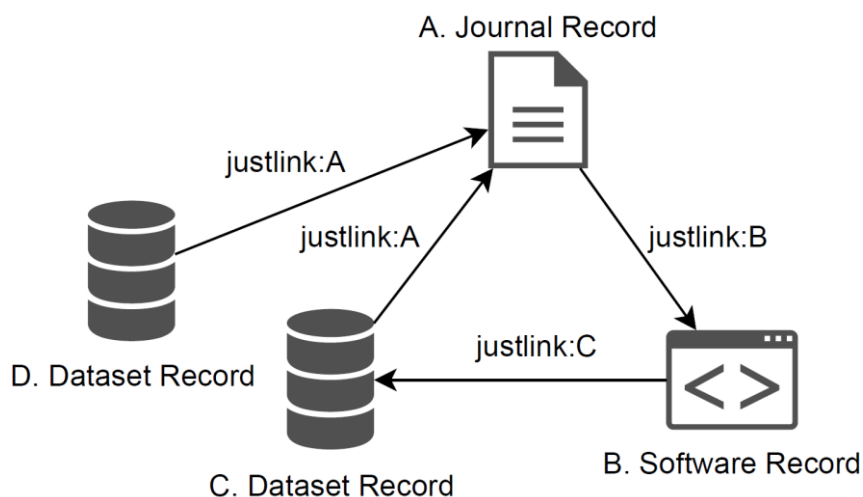
6 Additional technical notes for maintainers

Linking to manuscripts, datasets and software (golden triangle of interoperability). This is done by entering `justlink:[record ID]` or `justlink:[DOI]` in the import field (via Modify Record). Although a single record can have multiple links, you can only enter one link per record. Therefore, to link a single record (A) to multiple others (B, and C), you should enter the linking information through records B, C.

To link three objects A, B and C; in record A use `justlink:B` and so on as shown in the diagram below:



When there is more than one dataset to link to a given journal record, use `justlink` on both dataset records to the journal article (note: software cannot be linked in this case to dataset record D).



Below is the record of A after following the above A, B, C, D workflow.

Information Files Holdings
● 2041-1723

Journal Article [GSI-2023-00005](#)

A. Journal Record

[Mistry, A. K.](#) (Corresponding author)*
 2023
 Nature Publishing Group UK [London]

[Nature Communications](#) 1(1), 1 (2023) ● ○ ○

Abstract: Explanation on justlink connections in JOIN2 Repo

Classification:

- [ddc:500](#)




Contributing Institute(s):

1. [Bibliothek & Dokumentation \(BUD\)](#)

Research Program(s):

1. [623 - Data Management and Analysis \(POF4-623\)](#) (POF4-623)

Database coverage:




 DIRECTORY OF OPEN ACCESS JOURNALS ; Article Processing Charges ; BIOSIS Previews ; Biological Abstracts ; Clarivate Analytics Master Journal List ; Current Contents - Agriculture, Biology and Environmental Sciences ; Current Contents - Life Sciences ; Current Contents - Physical, Chemical and Earth Sciences ; DOAJ Seal ; Essential Science Indicators ; Fees ; IF >= 10 ; JCR ; PubMed Central ; SCOPUS ; Science Citation Index Expanded ; Web of Science Core Collection ; Zoological Record

The record appears in these collections:

- Private Institute collections > >WGF > >RED > BUD
- Document types > Articles > Journal Article
- Infrastructure > Library & Documentation
- Workflow collections > Public records
- Publications database

Linked articles:

Dataset
[Mistry, A. K.](#) (Corresponding author)*
C. Dataset Record [BioRx](#) | [Environ](#) | [XMAS](#) | [Tad](#) | [NIS](#)

Dataset
[Mistry, A. K.](#) (Corresponding author)*
D. Dataset Record [BioRx](#) | [Environ](#) | [XMAS](#) | [Tad](#) | [NIS](#)

Software
[Mistry, A. K.](#) (Corresponding author)*
B. Software Record [BioRx](#) | [Environ](#) | [XMAS](#) | [Tad](#) | [NIS](#)

Record created 2023-02-15, last modified 2023-02-15 [Similar records](#)