

zenodo

Research. Shared.

Alex Ioannidis
CERN - IT Department



Alfred P. Sloan
FOUNDATION



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Disaster strikes...

What Was Lost in Brazil's Devastating Museum Fire

Two hundred years of work—and millions of priceless specimens—have been destroyed in a preventable tragedy.

ED YONG SEPTEMBER 4, 2018



Upload

50GB* for each dataset
All file formats accepted

Describe

Rich but flexible metadata
Funding, licenses
Reserve DOI before publishing

Publish

Citable DOI
Many index & export formats
REST API & OAI-PMH access
Usage statistics

Delete Save Publish

New upload

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

Files

Choose files Start upload

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

Note: File addition, removal or modification are not allowed after you have published your upload. This is because a Digital Object Identifier (DOI) is registered with DataCite for each upload.

(minimum 1 file required, max 50 GB per dataset - contact us for larger datasets)

Upload type required

Publication Poster Presentation Dataset Image Video/Audio Software Lesson Other

Basic information required

Digital Object Identifier 10.5072/zenodo.682186

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 * 2020-10-15

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

Title * Data and descriptions for XYZ research project

Required:

Authors * Alice Smith ORCID (e.g.: 0000-0002-18) Alex Ioannidis ORCID (e.g.: 0009-0002-18)

Add another author

Description * This is the datasets and their description/documentation for the work published on project XYZ.

August 12, 2020 Dataset Open Access

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

4,620 views 438 downloads

See more details...

Indexed in OpenAIRE

Publication date: August 12, 2020
DOI: 10.5281/zenodo.3980493

Communities: OpenAIRE, OpenAIRE Research Graph, Zenodo

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

Versions: Version 1.0 10.5281/zenodo.3980493

Cite all versions? You can cite all versions by using the DOI 10.5281/zenodo.3980493. This DOI represents all versions, and will always resolve to the latest one. Read more.

Files (33.8 MB)

Name	Size
COVID-19.json.gz	52.8 MB

md5:57ab78697c2281146ea643c5d8f6990

Citations 0

Show only: Literature (0) Dataset (0) Software (0) Unknown (0) Citations to this version

Rich metadata Multiple disciplines

zenodo December 31, 2018

A mountain of millipedes VI. New records, new species, a new genus and a general discussion of Odontopygidae from the Udzungwa Mts, Tanzania (Diplopoda, Spirostreptida, Odontopygidae)

Engloff, Henrik

English version (2018): A mountain of millipedes VI. New records, new species, a new genus and a general discussion of Odontopygidae from the Udzungwa Mts, Tanzania (Diplopoda, Spirostreptida, Odontopygidae). European Journal of Taxonomy 364: 1-26. DOI: <https://doi.org/10.5853/ejt.364.2018.364>

Fig. 7 in A mountain of millipedes VI. New records, new species, a new genus and a general discussion of Odontopygidae from the Udzungwa Mts, Tanzania (Diplopoda, Spirostreptida, Odontopygidae)

Henrik ENGLOFF
National Botanic Museum of Denmark, University of Copenhagen.

Files (17.2 MB)

Name	Size
axana.pdf	17.2 MB

References

- Jermolov C. 1906a. Zur Systematik der Spirostreptiden. Zoologischer Anzeiger 34 (5): 156-158. Available from: <https://bioone.org/journals/Zoologischer-Anzeiger/v34/n5/1906-05-156-158>
- Jermolov C. 1906b. Millipeden. In: Schulz L. (ed.) Tierreichsgeschichte im westlichen und zentralen Sudchina ausgeführt an der Jahres 1903-1903. Denkschriften der Mathematisch-Naturwissenschaftlichen Classe der Kaiserlichen Akademie der Wissenschaften 14: 1-52.
- Jermolov C. 1914. Afrikanische Spirostreptiden selbst Überblick über die Spirostreptiden überhaupt. Zoologica (Stuttgart) 25: 1-200.
- Bollenbacher H. 1917. Le régime parasitaire des Spirostreptides. Bulletin de la Société entomologique de France 1917: 751-182.
- Bollenbacher H. 1920. Spinnmilben. In: Voyage de Ch. Alluaud et H. Jassinet en Afrique Orientale: 1911-1912. Résultats scientifiques: 49-286.
- Bollenbacher H. 1922. La construction taphogénétique des polydesmides (myriapodes) et leurs affinités nouvelles. Bulletin de la Société entomologique de France 1922: 387-396.
- Demaree J.-M. 1967. Recherches sur la systématique de trois des philopodes et des diplopodes (diplopodes). Mémoires du Muséum national d'histoire naturelle: 616-641. 1-186.
- Engloff H. & Hedenström B. 2015. A mountain of millipedes I. The genus Aquilur Pedersenian. 2015 - So new species from the Udzungwa Mountains and one from Mt. Kilimanjaro, Tanzania (Diplopoda, Spirostreptida, Odontopygidae). European Journal of Taxonomy 190: 1-32.
- Engloff H. 1988. Phylogeny of millipedes - a cladistic analysis. Beaufortia für zoologische Systematik und Evolutionsbiologie 20: 9-36. <https://doi.org/10.1111/j.1438-8484.1988.tb00379.x>
- Engloff H. 2014. A mountain of millipedes I: An endemic species-group of the genus Chalepopsis Attems 1914. From the Udzungwa Mountains, Tanzania (Diplopoda, Spirostreptida, Odontopygidae). European Journal of Taxonomy 190: 1-75. <https://doi.org/10.5853/ejt.190.2014.190>
- Engloff H. 2016a. A mountain of millipedes II. A new genus for three new species from the Udzungwa Mountains and Burundi (Diplopoda, Spirostreptida, Odontopygidae). European Journal of Taxonomy 307: 1-15. <https://doi.org/10.5853/ejt.307.2016.307>
- Engloff H. 2016b. A mountain of millipedes III. Species of Phosopsephenus Attems, 1908. From the Udzungwa Mountains, Tanzania (Diplopoda, Spirostreptida, Odontopygidae). European Journal of Taxonomy 307: 1-15. <https://doi.org/10.5853/ejt.307.2016.307>

Custom keywords:

- dwc:genus Profundiconus
- dwc:specificEpithet virginiae
- dwc:kingdom Animalia
- dwc:typeStatus holotype, paratype
- dwc:order Neogastropoda
- dwc:collectionCode MNHN

Locations:

R / V Alis, EBISCO Expedition, st. DW 2613, Plateau des Chesterfield (-19.616667, 158.7)
NEW CALEDONIA: 42.5 × 19.4 mm, R/V Alis, EBISCO Expedition, st. DW 2613, Plateau des Chesterfield, 19°37' S, 158°42' E, 519-522 m (MNHN IM-2007-30854; Fig. 9A; GenBank accession number (cox1 sequence): KJ550158).
R / V Alis, EBISCO Expedition, st. DW 2610, Plateau des Chesterfield (-19.566668, 158.68333)
16.3 × 13.0 mm, R/V Alis, EBISCO Expedition, st. DW 2610, Plateau des Chesterfield, 19°34' S, 158°41' E, 486-494 m (MNHN IM-2000-30789; paratype 2; Fig. 9D; fragment of the spire, well preserved).
Coral Sea (-19.616667, 158.7)
NEW CALEDONIA: Coral Sea, Plateau des Chesterfield, 19°37' S, 158°42' E, 519-522 m (EBISCO st. DW 2613).



MUSDB18 - a corpus for music separation

December 17, 2017

Publication date: December 31, 2017
DOI: [10.5281/zenodo.1082262](https://doi.org/10.5281/zenodo.1082262)

Keywords: University, Tanzania, Music, Audio, Separation, Corpus

Published in: European Journal of Taxonomy

Related identifiers:
Cited by: <https://doi.org/10.5853/ejt.2018.394>, <https://doi.org/10.5853/ejt.2018.394>, <https://doi.org/10.5853/ejt.2018.394>, <https://doi.org/10.5853/ejt.2018.394>

Community: Biodiversity Literature Repository

License (for files): CC License Not Specified

The sigsep musdb18 data set consists of a total of 100 includes both the stereo mixtures and the original test subset.

Its purpose is to serve as a reference database for algorithms. The objective of such signal processing professionally-produced music recordings task for the evaluation of source separation algorithms.

musdb18 contains two folders, a folder with a train folder with a test set: "test", composed of 50 songs training set and tested on both sets.

All files from the **musdb18** dataset are encoded in 16-bit multitrack format composed of 5 stereo streams, e multitracks correspond to:

- 0 - The mixture

20,010 6,572

See more details...

The Ryerson Audio-Visual Database of Emotional Speech and Song (RAVDESS)

April 5, 2018

Livingstone, Steven R., Russo, Frank A.

Citing the RAVDESS
The RAVDESS is released under a Creative Commons Attribution license, so please cite the RAVDESS if it is used in your work in any form. Published academic papers should use the academic paper citation for our PLoS ONE paper. Personal works, such as machine learning project/blog posts, should provide a URL to this Zenodo page, though a reference to our PLoS ONE paper would also be appreciated.

Academic paper citation
Livingstone SR, Russo FA (2018) The Ryerson Audio-Visual Database of

89,860 307,292

See more details...

Indexed in: OpenAIRE

Publication date: April 5, 2018

DOI versioning, Usage statistics

Zenodo now supports DOI versioning!

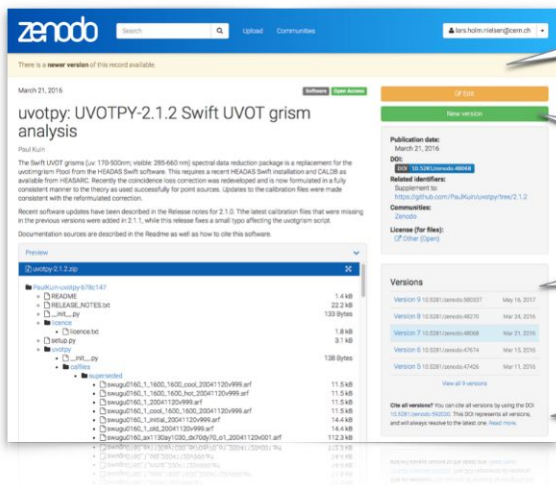
by  Lars Holm Nielsen on May 30, 2017

We are pleased to announce the launch of DOI versioning support in Zenodo - the open research repository from OpenAIRE and CERN. This new feature enables users to update the record's files after they have been made public and researchers to easily cite either specific versions of a record or to cite, via a top-level DOI, all the versions of a record.

DOI versioning support was one of our most requested features for Zenodo, and it has been co-developed by OpenAIRE's Zenodo team and EUDAT's B2SHARE team as an extension module for CERN's Invenio digital repository platform, which powers both Zenodo and B2SHARE.

This update comes hot on the heels of the recent relaunch which made Zenodo faster, improved GitHub integration, integrated support for Horizon 2020 grant information, and enabled 50 gigabyte uploads!

Read more about the inner workings of new feature in the [DOI Versioning FAQ](#).



The screenshot shows the Zenodo record page for 'uvotpy: UVOTPY-2.1.2 Swift UVOT grism analysis'. It features a search bar, user profile, and a 'New version' button. The record details include the publication date (March 21, 2016), DOI (10.5281/zenodo.592845), and a list of versions (5 total). A file list is visible at the bottom, showing various calibration files.

Alert if newer version is available

Create a new version

Browse the version history

Cite specific version or the concept representing all versions

4,242

views

3,929

downloads

[See more details...](#)

	All versions	This version
Views ?	4,242	2,854
Downloads ?	3,929	3,816
Data volume ?	5.0 TB	4.8 TB
Unique views ?	4,074	2,793
Unique downloads ?	337	258

[More info on how stats are collected.](#)

Versions

Version v0.9.0
10.5281/zenodo.1313201
Jul 16, 2018

Version v0.8.1
10.5281/zenodo.883859
Sep 3, 2017

Version v0.8.0
10.5281/zenodo.824567
Jul 8, 2017

Version v0.7.1
10.5281/zenodo.54844
Jun 5, 2016

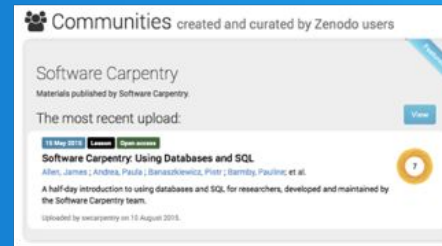
Version v0.7.0
10.5281/zenodo.45133
Jan 25, 2016

[View all 8 versions](#)

Cite all versions? You can cite all versions by using the DOI [10.5281/zenodo.592845](https://doi.org/10.5281/zenodo.592845). This DOI represents all versions, and will always resolve to the latest one. [Read more.](#)

Communities

Projects, Subjects, Institutes, Nations, Conferences, ...



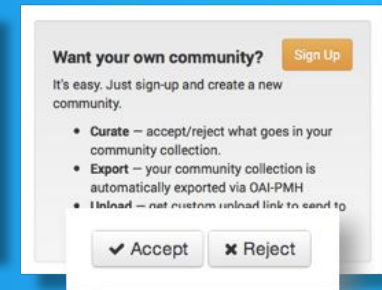
Communities created and curated by Zenodo users

Software Carpentry
Materials published by Software Carpentry

The most recent upload:

10 May 2019 **License** **Open access**

Software Carpentry: Using Databases and SQL
Allen, James; Andrius, Paul; Gerasimov, Peter; Sarmy, Pauline, et al.
A half-day introduction to using databases and SQL, for researchers, developed and maintained by the Software Carpentry team.
Updated by sarmypauline on 10 August 2019.

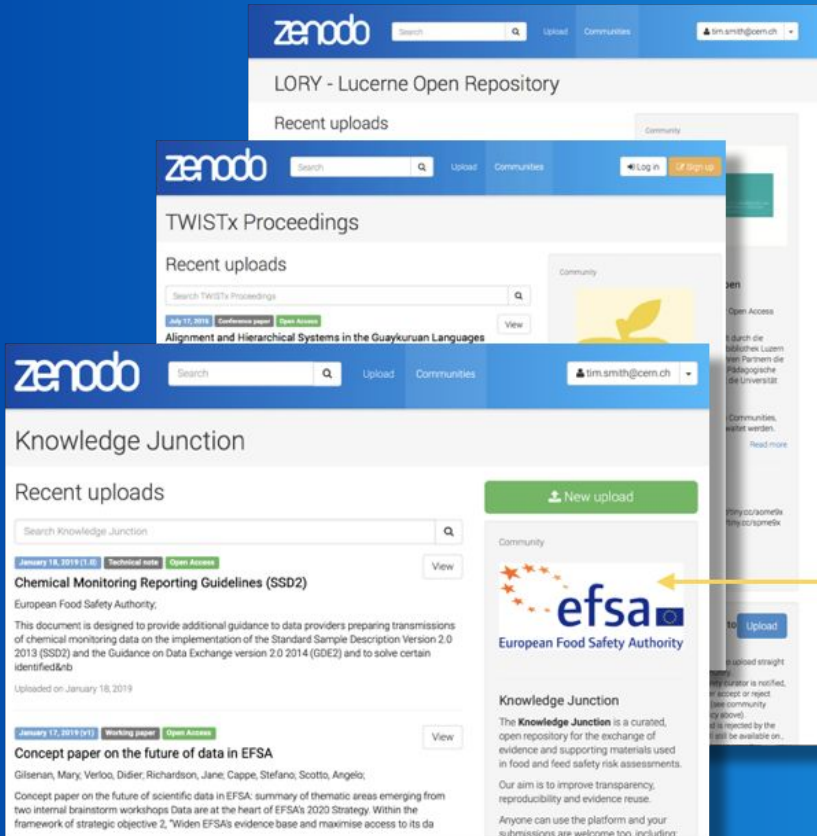


Want your own community? [Sign Up](#)

It's easy. Just sign-up and create a new community.

- **Curate** – accept/reject what goes in your community collection.
- **Export** – your community collection is automatically exported via OAI-PMH
- **Inlink** – not custom inlink link to card to

Accept Reject



zenodo LORY - Lucerne Open Repository

Recent uploads

zenodo TWISTx Proceedings

Recent uploads

July 10, 2018 **Conference paper** **Open Access**

Alignment and Hierarchical Systems in the Guaykuran Languages

zenodo Knowledge Junction

Recent uploads

January 18, 2019 (1) **Technical note** **Open Access**

Chemical Monitoring Reporting Guidelines (SSD2)
European Food Safety Authority.
This document is designed to provide additional guidance to data providers preparing transmissions of chemical monitoring data on the implementation of the Standard Sample Description Version 2.0 2013 (SSD2) and the Guidance on Data Exchange version 2.0 2014 (GDE2) and to solve certain identified&nb
Uploaded on: January 18, 2019

January 17, 2019 (1) **Working paper** **Open Access**

Concept paper on the future of data in EFSA
Gilsenan, Mary; Verloo, Didier; Richardson, Jane; Cappe, Stefano; Scotti, Angelo.
Concept paper on the future of scientific data in EFSA; summary of thematic areas emerging from two internal brainstorm workshops Data are at the heart of EFSA's 2020 Strategy. Within the framework of strategic objective 2, "Widen EFSA's evidence base and maximise access to its da



efsa European Food Safety Authority

17 January 2019

EFSA to share data on open-access platform

EFSA has taken a major step towards becoming a fully open data organisation by committing to publish the scientific data it uses for EU-wide monitoring programmes and surveys and many of its risk assessments.

In a report published today, EFSA lays out how it intends to share data collected in areas such as: food consumption habits; pesticide residues in food; chemical contaminants and additives in food; foodborne disease outbreaks; and antimicrobial resistance.

<https://zenodo.org/communities/>

GitHub integration



Making Your Code Citable

© 10 minute read

Digital Object Identifiers (DOI) are the backbone of a metrics system. If you're a researcher writing software, here's how to make the work you share on GitHub citable by linking your GitHub repositories and assigning a DOI with the Zenodo service.

ProTip: This tutorial is aimed at researchers writing software. If you're a researcher writing software in academic literature. Provided you have a GitHub repository, this tutorial can be completed without installing any software. If you haven't yet created a project or repository, you'll need to be uploading your work to a repository.

zenodo-testing/my-project

DOI: 10.5072/zenodo.147412

GitHub / Releases

Version	Status	DOI	Time
1.0.14 zenodo-testing/my-project: test	Published	10.5072/zenodo.147412	1 year, 11 months ago
1.0.12 zenodo-testing/my-project: test	Published	10.5072/zenodo.147410	1 year, 11 months ago
1.0.0 zenodo-testing/my-project: Test	Published	10.5072/zenodo.135430	2 years ago
11 zenodo-testing/my-project: test2	Published	10.5072/zenodo.73410	2 years ago

CoBMo - Control-oriented Building Model

Sebastian Troitzsch, Tommaso Miori, Anthony Vautrin

27 views, 1 download

Available in: GitHub

Publication date: November 13, 2019

DOI: 10.5281/zenodo.3546372

Related identifiers: Supplement to https://github.com/TUMCREATE-ESTL/cobmo/tree/0.3.0

License (for files): MIT License

Versions

Version	Date
Version 0.3.0	Nov 13, 2019
Version 0.2.0	Oct 31, 2019
Version 0.1.0	Mar 5, 2019

Files (2.4 MB)

Name	Size
TUMCREATE-ESTL/cobmo-0.3.0.zip	2.4 MB
md5e5f9366116447ab20125fe4b98d312b3	

REST API & OAI-PMH access

zenodo Developers

About Blog Help Developers

Q Search

REST API

Introduction

Quickstart - Upload

Testing

Versioning

Authentication

Requests

Responses

HTTP status codes

Errors

Entities

OAI-PMH

Privacy policy Terms of Use Contact

Quickstart - Upload

This short guide will give a quick overview of how to upload and publish on Zenodo, and will be using Python together with the [Requests](#) package.

- First, make sure you have the [Requests](#) module installed:
- Next, fire up a Python command prompt:
- Import the `requests` module:
- We will try to access the API without an authentication token:

```
$ pip install requests
```

```
$ python
Python 3.6.5
[GCC 4.8.1] on linux2
Type "help", "copyright", "credits" or "license()" for more
>>> import requests
```

```
>>> import requests
>>> r = requests.get("https://zenodo.org/api/depos")
>>> r.status_code
401
>>> r.json()
{'message': 'The server could not verify that you
the URL requested. You either supplied the wrong
password, or your browser doesn't understand the
required',
'status': 401}
```

OAI 2.0 Request Results

[Identify](#) | [ListRecords](#) | [ListSets](#) | [ListMetadataFormats](#) | [ListIdentifiers](#)

You are viewing an HTML version of the XML OAI response. To see the underlying XML use your web browsers view source option. More info on [the page](#).

Datestamp of response	2020-10-15T12:11:05Z
Request URL	https://zenodo.org/oai2d

Request was of type Identify.

Repository Name	Zenodo
Base URL	https://zenodo.org/oai2d
Protocol Version	2.0
Earliest Datestamp	2014-02-03T14:41:33Z
Deleted Record Policy	no
Granularity	YYYY-MM-DDThh:mm:ssZ
Admin Email	info@zenodo.org

[Identify](#) | [ListRecords](#) | [ListSets](#) | [ListMetadataFormats](#) | [ListIdentifiers](#)

About the XSLT

An XSLT file has converted the [OAI-PMH 2.0](#) responses into XHTML which looks nice in a browser which supports and Internet Explorer. The XSLT file was created by [Christopher Gutteridge](#) at the University of Southampton as part is freely redistributable under the [GPL](#).

If you want to use the XSL file on your own OAI interface you may but due to the way XSLT works you must install as the OAI script, you can't just link to this copy.

For more information or to download the XSL file please see the [OAI to XHTML XSLT homepage](#).

<https://developers.zenodo.org>

Citations harvesting & aggregation

Beta Citations **162**

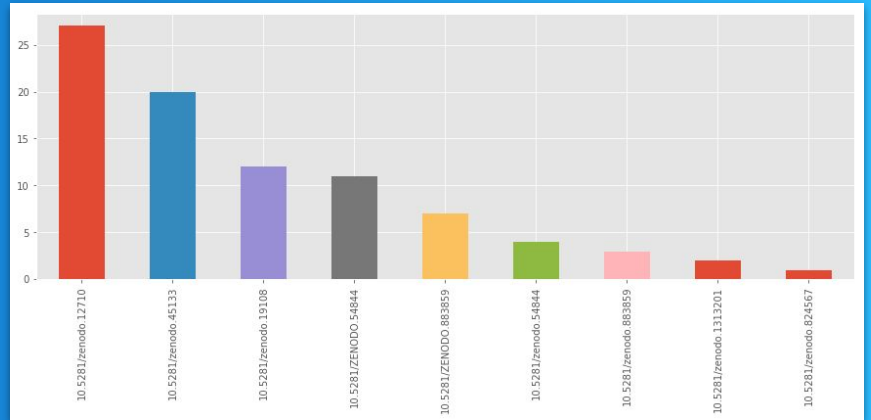
Show only: Literature (160) Unknown (2) Dataset (0) Software (0) Citations to this version

Search

Year	ADS	ARXIV	DOI
2018	ADS	ARXIV	DOI
2018	ADS	ARXIV	DOI
2018	ADS	ARXIV	DOI
2018	ADS		
2018	ADS	ARXIV	DOI
2018	ADS	ARXIV	DOI

Citation provided by SAO/NASA Astrophysics Data System

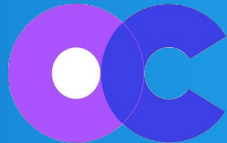
Citations diluted over different versions



SCHOLIX

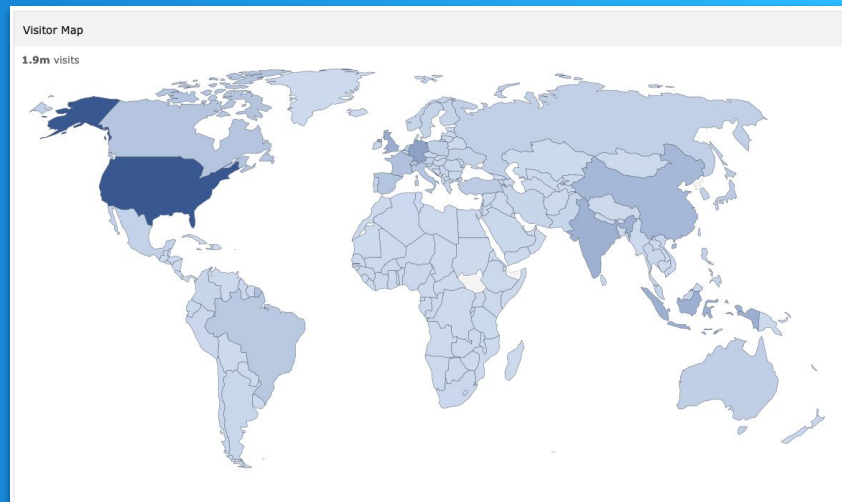
Crossref
Europe PMC

Scholexplorer
The Data Literature Interlinking Service



Zenodo in numbers

- ~1.6M records
 - 900k text
 - 550k images
 - **100k software**
 - 80k datasets
- 235TB data, ~5M files
- ~5M visitors/year



A screenshot of the Zenodo website interface. The top navigation bar includes the Zenodo logo, a search bar, and links for 'Upload' and 'Communities'. The user profile 'a.ioannidis@cern.ch' is visible in the top right. The main content area features a 'Recent uploads' section with a card for 'Colour 0.3.14' (Software, Open Access) uploaded on April 20, 2018. Below this, there is a section for 'Zenodo now supports usage statistics!' with a link to read more. Further down, there is a section for 'Using GitHub?' with a link to check out the integration. At the bottom, there is a section for 'Zenodo in a nutshell' with a link to 'Research. Shared.'.

Zenodo COVID-19 response

- Prioritization of all requested related to the COVID-19 outbreak
 - One-on-one with Zenodo supporters
 - Quota increases beyond our default policy
 - Scripts for automated uploading of larger datasets
- Curation of COVID-19 related records

The image shows a screenshot of the Zenodo Blog post titled "Fighting the Coronavirus Disease (COVID-19)" by Alex Ioannidis on April 2, 2020. The blog post discusses the Zenodo COVID-19 Research Community, a new initiative endorsed by the European Commission. It details the community's goals, such as curating and supporting COVID-19 related research, and lists several actions taken by Zenodo, including increasing upload quotas, providing dedicated support, and automating uploads. A screenshot of the Zenodo website interface is also visible, showing the "COVID-19 related communities" and "Featured uploads related to COVID-19" sections. Overlaid on the bottom right of the blog post is a pinned tweet from @ZENODO_ORG dated April 3, 2020, which reads: "Our #COVID19 response: EC-endorsed community, curation team, priority support, liberal quota increases, frontpage update - see it all on zenodo.org". The tweet includes the Zenodo logo and a link to the blog post.

zenodo Blog

About Blog Help Developers

Fighting the Coronavirus Disease (COVID-19)

by Alex Ioannidis on April 2, 2020

To confront the Coronavirus Disease (COVID-19) outbreak rapidly necessitates an extraordinary collaborative effort of the scientific community that consequently needs to act fast in sharing results in an unprecedented manner, across disciplines and across borders. Open Science is an ideal weapon in the armoury to help fight COVID-19 by facilitating the unrestricted and timely sharing of the latest research related to the pandemic.

We (Zenodo/CERN and OpenAIRE) are responding to a call by the European Commission for synchronised action and collaboration among important initiatives in the European Open Science Cloud (EOSC) to facilitate efforts by scientists worldwide working relentlessly to stop the pandemic.

We are today contributing to the call for action with what we do best – preserving and sharing all COVID-19 related datasets, software, preprints or any other research objects that can help the scientific community to find a breakthrough solution to this universal problem.

We have taken some immediate actions:

- Coronavirus Disease Research Community:** We have created a new COVID-19 Research Community on Zenodo endorsed by the European Commission. The community content is automatically fed into the OpenAIRE Open Research Gateway which is currently under development by OpenAIRE and will result in a single point of entry for all research results and other useful resources for the Coronavirus Disease (COVID-19) and SARS-CoV-2.
- Curation:** A team of experts nominated by OpenAIRE (see list below) has been created to curate the COVID-19 community. Further, Zenodo is adding a data curator (@SjehvandsSanté) to scout for further COVID-19 uploads outside the community and coordinate the COVID-19 curation efforts on Zenodo with other teams worldwide.
- Support:** We do not want anyone to have any issues sharing relevant information on Zenodo. Please contact us for any questions you may have (COVID-19 related support requests are prioritized). We can further offer:
 - Liberal quota increases (beyond the current limits of 50GB) if needed
 - 1-on-1 dedicated support via chat with Zenodo supporters.
 - Help with automated uploads to Zenodo of large datasets.
- Homepage:** we have revamped our homepage to make sure that COVID-19 research objects and communities get the necessary visibility.

zenodo

COVID-19 related communities

Featured uploads related to COVID-19

Recent uploads

We count on you to find a solution to the outbreak. We will do our best to support you all the way, from sharing Together we can!

Are we missing something? Do you feel like helping us out?

We welcome anybody that wants to help us improve Zenodo COVID-19 content in any way, by exposing more relevant Please, get in touch with us and share your feedback.

Curation team for the Coronavirus Disease Research Community

Pinned Tweet

ZENODO @ZENODO_ORG · Apr 3

Our #COVID19 response: EC-endorsed community, curation team, priority support, liberal quota increases, frontpage update - see it all on zenodo.org

zenodo

Fighting the Coronavirus Disease (COVID-19)

Zenodo is a free and open digital archive built by CERN and OpenAIRE, enabling researchers to share and preserve research output in any siz...

blog.zenodo.org


25 33

<https://blog.zenodo.org/2020/04/02/fighting-the-coronavirus-disease-covid-19/>

Future plans - Zenodo clones...


InvenioRDM

- Turn-key RDM solution
- 20+ partners
- Based on Zenodo's features
 - DataCite-based metadata schema
 - DOI Versioning
 - Usage statistics
 - Enhanced Communities



The turn-key research data management repository

Coming soon - late 2020



Thank you :)

Keep your questions and comments