

# PHENIX Zenodo follow up

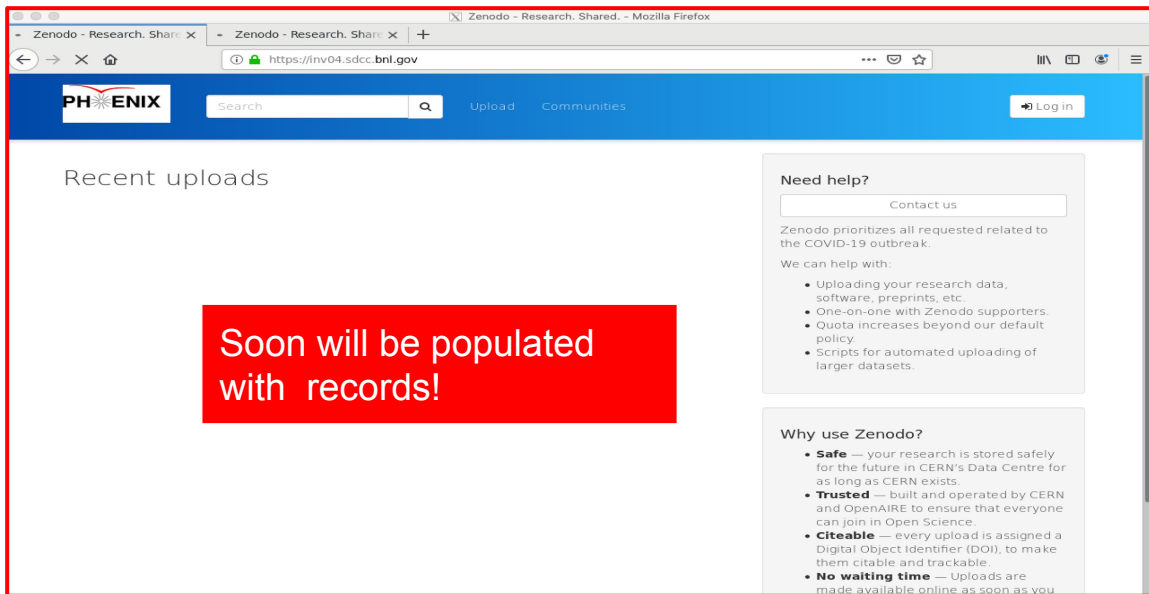
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Brookhaven National Laboratory, May 14th 2020

# Zenodo installation for PHENIX

## Deployment status

Server and Zenodo code being deployed and integrated within SDCC facility infrastructure.



In contact with BNL Cybersecurity to socialize Github usage within Zenodo and BNL infrastructure:

Feedback might be requested to PHENIX in terms governance of the data hosted in Github

Zenodo will be migrated to invenioRDM

*SDCC is participating in the invenioRDM project since its inception.*

## Items to follow-up today: Authentication

Out of box Zenodo is built to be an open document repository; any user in world can create an account to upload documents.

At BNL, Zenodo must be configured to authenticate users by at least one of this:

- Using the SDCC keycloak.
  - By default all users authenticated will create an account.
- Using Incommon/COmmange

To make sure the option selected follows cyber-security regulations option will be socialized with BNL Cybersecurity

# Items to follow-up today: PHENIX Zenodo and Github integration

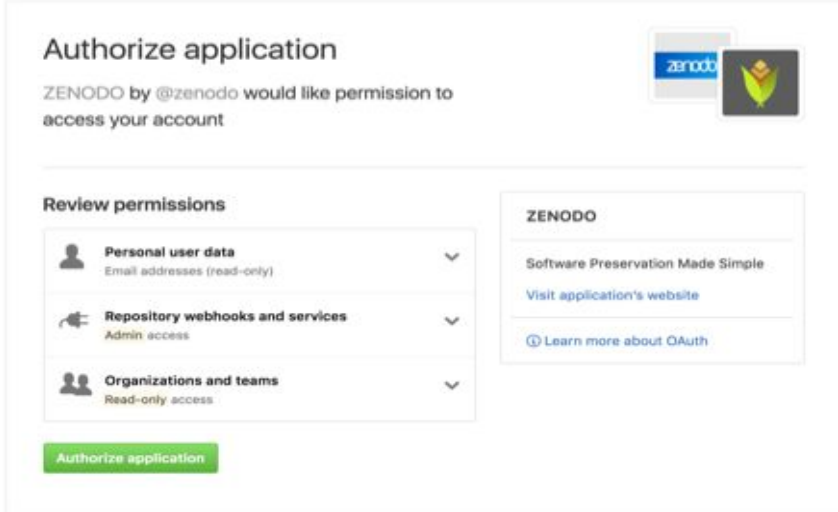
Does PHENIX have a github organization account?

Will be needed to enable GitHub related services in PHENIX Zenodo.

While technically is possible to integrate the instance with a Github personal account it is not considered best practice.

Zenodo will redirect you back to GitHub to ask for your permission to share your email address and the ability to configure [webhooks](#) on your repositories. Go ahead and click **Authorize application** to give Zenodo the permissions it needs.

**Important!** If you want to archive a repository that belongs to an organization on GitHub, you will need to make sure that the organization administrator has enabled [third-party access](#) to the Zenodo application.



The screenshot shows the GitHub 'Authorize application' interface. At the top, it says 'ZENODO by @zenodo would like permission to access your account'. Below this, there are three sections for reviewing permissions: 'Personal user data' (read-only), 'Repository webhooks and services' (Admin access), and 'Organizations and teams' (Read-only access). To the right, there is a box for 'ZENODO' with the text 'Software Preservation Made Simple', a link to 'Visit application's website', and a link to 'Learn more about OAuth'. At the bottom, there is a green button labeled 'Authorize application'.

# Items to follow-up today: Digital Object Identifier (DOI)

## PHENIX require records to be “minted” with DOI

A record minted with two DOIs

The screenshot shows a Zenodo record for the paper 'Knowde: A Visual Search Interface' by Schleußinger, Maurice; Henkel, Maria. The record includes a preview of the paper's abstract and introduction, a file upload section, and a sidebar with statistics (194 views, 121 downloads) and a DOI of 10.5281/zenodo.1212228. The DOI is highlighted with a red box and an arrow pointing to the 'Zenodo based' label in the adjacent diagram.

This diagram illustrates the structure of a Zenodo record. It lists the publication date (April 4, 2018), DOI (10.5281/zenodo.1212228), and keywords (Visualization, Information Retrieval, Human-computer interaction, Information System, Visual Search Interface). It also shows related identifiers (10.17605/OSF.IO/FN5ST) and the Creative Commons Attribution 4.0 International license. A red box labeled 'Zenodo based' points to the DOI, and another red box labeled 'External repository' points to the related identifier.

External repository

BNL SDCC is looking at Datacite services to be able to register DOI from BNL repositories.

The 'Versions' section shows a single entry for 'Version 1' with the DOI 10.5281/zenodo.1212228 and the date April 4, 2018.

Correction: The original slide showed in the meeting had a TYPO on this sentence, Monday 18th should be Monday 25th of May as corrected

# Conclusion

Core installation of PHENIX Zenodo is on its way estimated time completion by **Monday 25th of May**.

To continue configuring the PHENIX Zenodo system PHENIX feedback is needed for:

- Definition of organization Github account.
- DOI Datacite service integration for Phenix Zenodo instance.
- Authentication policy.

# Links

Github and Zenodo integration

<https://guides.github.com/activities/citable-code/>

DOI and Datacite

<https://datacite.org/dois.html>

invenioRDM

<https://invenio-software.org/products/rdm/>

Backup slide



# Items to follow-up today: Authentication

1. Incommon Fed ID/ commanage---> can be integrated and used to restrict write access to the Zenodo instance

PHENIX zenodo will have few users with write access

The screenshot shows the SDCC COmanage interface. The left sidebar contains navigation options: People, Groups, Email Lists, Jobs, Servers, and Configuration. The main content area displays the 'View Group' page for 'CO:COU:covid-19-archive:members:all'. The breadcrumb trail is 'Home > SDCC > Groups > View Group'. The group title is 'View CO:COU:covid-19-archive:members:all'. Below the title are links for 'Reconcile', 'Provisioned Services', and 'View History'. The group details table shows: Type: All Members, Name: CO:COU:covid-19-archive:members:all, Description: (empty), Open: (empty), Status: (empty). Below this is an 'Email Lists' section with a table header: Name, Status, Type, Actions. The 'Group Members' section has a table with headers: Name, CO Person Status, Roles, Actions. One member is listed: Carlos Gamboa, Active, Member.

Name	CO Person Status	Roles	Actions
Carlos Gamboa	Active	Member	

**FED members can be restricted by selecting enrolling specific members**