

The PHENIX DAP update

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Overview

- After additional discussions re: Zenodo hosting leaning towards CERN until a stable RDM instance is commissioned locally
- Re-launched the PHENIX community on Zenodo under a new group identity to optimize management of the material
 - Ongoing uploads
 - Interesting issues discovered
- Adding Zenodo references to the DAP website pages and removing large files from local storage
- General cleanup and fixes on the site
- PHENIX Organization on GitHub - the “documentation” repository

Zenodo discussions

- A second Zenodo/SDCC/EIC/PHENIX meeting took place on 5/14/2020
- Background: SDCC working on local Zenodo instances at BNL
- The EIC group presented their functional requirements
 - These are interesting but don't contribute much to the short and medium short solutions
 - e.g. document workflow features and thumbnail gallery - these are nice to have but are not aligned with the main mission and functionality of Zenodo
 - From personal observation, a document management system will be increasingly important for the Yellow Report process on a fairly short time scale
- Information from Zenodo developers at CERN - current version isn't really portable, "install at your own risk"

Zenodo discussions (cont'd)

- SDCC
 - Custom installation of Zenodo (the current version not being nominally portable)
 - “True” installation will be possible after commissioning of Invenio RDM
- A BNL instance of Zenodo in the works for PHENIX (we did not put a firm request for that)
 - No new requirements from us, really
 - Mostly integration with the BNL auth/auth (SSO) systems
 - What do we gain from using BNL immediately vs CERN? ...unclear. Do we need SSO?
- Current course of action remains the same i.e. we commit to using the CERN instance now
 - there is assurance of transparent migration to RDM in late 2020
- ...however the local system when available can help to host items in restricted category e.g. analysis notes because of an additional layer of access control

Zenodo status

- Production account on Zenodo:
 - phenix-dap-l@lists.bnl.gov
 - User handle: PhenixCollaboration
 - Password: available on request
- Re-uploaded previous documents and keep adding new ones
 - Started adding Zenodo references to the document catalog on the site (documents.yml)
- New experience: it is impossible to delete a record from Zenodo completely once a document is committed
 - Which kind of makes sense since Zenodo takes upon itself the responsibility to produce permanent identifiers (DOI) and avoidance of broken links is a part of this policy
 - Can declare it “closed” so it’s unavailable to anyone else but it still lingers
 - It’s best to be extra careful about what we decide to commit to Zenodo

The DAP website

- A few edits by Ron et al in the few days, mainly to integrate new Zenodo references
- A better image of the PHENIX logo created i.e. symmetrical on a white background
 - Believe it or not, it didn't exist before
- Minor bugs fixed, document classification updated
- The “resources” section: separated “publications” (e.g. rights might belong to the publisher) from “documents” (which we manage ourselves)
 - This can be further improved
 - Both pages are populated now, “documents” and “publications”
 - Will be phasing out NIM papers (potentially as a ZIP committed to a repo) in favor of bibliographic references


References to materials


- Apart from the repo scalability and other issues, a major advantage of Zenodo is a very powerful search function which is impossible to reproduce on a static site and hard to implement even on a dynamic site
- Please see the search guide: <https://help.zenodo.org/guides/search/>
 - Too many options to list here
- It is possible to search the PHENIX Community only, thus eliminating false positives (resulting in a quasi-private repository)

DAP slides


- Since we can't permanently clean up our Zenodo submissions, let's keep subsidiary materials elsewhere
- The “documentation” repo GitHub seems like a good place
 - Collection includes all DAP-related slides from previous months, including this set
- <https://github.com/PhenixCollaboration/documentation/tree/master/assets/dap>

DAP slides in the repository


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 **buddhasystem** Adding DAP slides Latest commit 43ea6d4 7 minutes ago

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 PHENIX_DAP_20191212.pdf	Adding DAP slides	7 minutes ago
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 PHENIX_DAP_20200507.pdf	Adding DAP slides	7 minutes ago
 README.md	Added a stub folder for DAP	9 minutes ago