

The PHENIX DAP update

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Overview

- After additional discussions re: Zenodo hosting - leaning towards CERN until a stable RDM instance (new version of Invenio) is commissioned locally
- Re-launched the PHENIX community on CERN 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 at BNL

- 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
- SDCC initiative: a BNL instance of Zenodo in the works for PHENIX (we did not put a firm request for that)
 - There were no new requirements from us
 - What has been done is 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 (by CERN) 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

- The DAP production account on Zenodo:
 - Login: phenix-dap-l@lists.bnl.gov
 - Password: available on request
 - User handle: **PhenixCollaboration**
 - 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 (examples can be easily found)
 - It’s best to be extra careful about what we decide to commit to Zenodo so as to not pollute record space

The DAP website

- A few edits by Ron et al in the few days (new Zenodo references etc)
- 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 from the site (potentially as a ZIP committed to a repo) in favor of bibliographic references

References to materials

- Apart from the repository scalability and other issues, a major advantage of Zenodo is a very powerful search function (next slide) which is impossible to reproduce on a static site and hard to implement even on a dynamic site
 - From the beginning the scope of the PHENIX DAP site was to host pages, not to be a document store, hence the “USB stick” paradigm still stands
- The current strategy is to identify the materials suitable for Zenodo, create records under the PHENIX account and community, and incorporate references to DOIs
 - Of course small documents and plots can and will be hosted locally
 - As agreed a long time ago all theses fall into the “Zenodo category” and we are in the process of uploading
- “Official list” of keywords is still work in progress, there will be a page on the site and some reconciliation with the Zenodo records will be required


Search on Zenodo


- Please see the search guide: <https://help.zenodo.org/guides/search/>
 - Too many options to list here
 - Regular expressions, search in fields etc
 - Full-text search will become available in a few months
- It is possible to search the PHENIX Community only, thus eliminating false positives (resulting in a quasi-private repository)

GitHub, DAP slides (like this one)


- 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
 - You are welcome to store all kinds of supporting materials in this repository
- <https://github.com/PhenixCollaboration/documentation/tree/master/assets/dap>

DAP slides in the repository


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Branch: **master** ▾ [documentation](#) / [assets](#) / [dap](#) /

Create new file







Upload files

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History

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

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 PHENIX_DAP_20191212.pdf	Adding DAP slides	7 minutes ago
 PHENIX_DAP_20200311.pdf	Adding DAP slides	7 minutes ago
 PHENIX_DAP_20200319.pdf	Adding DAP slides	7 minutes ago
 PHENIX_DAP_20200423.pdf	Adding DAP slides	7 minutes ago
 PHENIX_DAP_20200507.pdf	Adding DAP slides	7 minutes ago
 README.md	Added a stub folder for DAP	9 minutes ago

Summary and plans

- Progress is being made
- We are using the PHENIX identity on the CERN instance of Zenodo (shared within this group)
- Upload of theses and writeups is under way and shall continue
- A list of keywords will be created, and supporting pages placed on the DAP site
- Any prospects of getting more material for the site?
- I propose to make this a bi-weekly meeting