

Data & Analysis Preservation: status update

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PHENIX DAP Meeting

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Overview

- HEPData
- Website
- REANA
- New tools
- Meeting in Sept

HEPData

- Master spreadsheet updated
- https://docs.google.com/spreadsheets/d/1rABxzuM-h9Rukz08ut_m8xnMo0B_J1LKre8bM7B7264/edit?usp=sharing
- PPG119, 234 finalized, 139 re-checked
- Some other active items in the pipeline (003, 023, 212 etc)
- Work on 202 to commence in September

Website

- More School materials uploaded:
 - School 21 finished
 - School 18 & 19 - select presentations uploaded and indexed



school18	PHENIX School 2018
school19	PHENIX School 2019
school21	PHENIX School 2021
sfibf19	Sante Fe Jets and Heavy Flavor Workshop 2019

- Added new keywords for physics references and two conferences
 - Thanks to Gabor for Zenodo uploads
- Updated some older items on Zenodo with better keyword selection

- Negotiated with our SDCC contact to increase the storage for the REANA cluster
- Capped at 6TB ...work in progress
- Theoretically this can be mitigated further with XRootD (read/write “in place”)
- ...but motivating SDCC will be hard
- Any analysis cases to address currently?
- Niv and Gabor discussing the flowchart approach and cataloging the macros

Recent experience with new dev tools

- Positive experience with Docker Desktop on Windows 10
 - Clean, efficient interface
 - Easy to run emacs/ROOT5 from our PHENIX image on Docker Hub
 - Currently cannot run the full PHENIX image due to the DB dependency and reliance on cvmfs (which can be solved if needed); also, the image is considered private -
 - NB: these problems are solvable in principle
 - Do we need to?
- GitHub now has “VS code” functionality as a Web app
 - An editor/development environment superior to emacs, with GitHub integration
 - This new capability makes it possible to contribute directly to the website, make changes etc through the Web interface w/o having to use git/GitHub, editors etc locally on your laptop
 - Changes are committed directly to the repo
 - Press “.” on the keyboard when looking at the repo on GitHub to activate the editor (well be careful to not make unwanted changes)

Misc

- M.Potekhin is on vacation/travel till September 4th
- Propose to hold the next meeting on September 16th
- Ideas for OpenData? Can be anything, datasets, ntupes, macros
 - Niv's material, when done, looks like a good candidate