

EIC Detector-1 Software Decision

Topic: Data & Analysis Preservation

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Discussion Date(s): July 13, 2022

Meeting Link: <https://indico.bnl.gov/event/15646/>

Live Notes

Please include name with comment. e.g

- (Harold) I love Maud
 - (Kolja) In general, how are policies like requiring hepdata upload, REANA, etc. enforceable?
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Discussion Guide

Goal: Requirements, policies, or decisions?

Draft a set of policies.

Form a committee, and a lead. How do we institutionalize this into the organization from the start.

CERN provides lab resources for the individual experiments. JLab/BNL too? BNL does have fully operational REANA support

1. Start with software guidelines. Versioning. Tests, CI/CD.
2. Ensure proper documentation

Data Preservation

Tape?

- MCEG output
- GEANT results
 - Do these already contain the MCEG?
- Test beam data
 - OpenData (more than just data), HepData

- Future - Real collisions
- Software?
 - OpenData - includes documentation, config files, containers, data samples, ...

Analysis Preservation

- Simulation campaign containers
- Reproduce plots
- Papers
- Future - Real collisions
- Software?
 - Embrace OpenData
 - REANA is platform-agnostic, can be used in either scenario

Document Preservation

- Internal documents
- Analysis notes, manuals
- Papers, conference presentations, etc.
- Software?