

# EIC Detector-1 Software Decision

**Topic:** Data & Analysis Preservation

**Point of Contact:** Kolja Kauder

**Discussion Date(s):** July 13, 2022

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

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## 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?