CPSC Meeting

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August 24, 2025

How to support common SW

- One of our goals as a committee is to find a solution for how to support the common base of software we use in both experiments and theory
  - The common software spans across activities and generations
    - It also spans across levels of active development and maintenance

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High Level Goal

- Secure stable support to sustain common software
- Enable participation of lab and university employed communities

Open Questions:

- How much money is needed?
- What is the best model?

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Mid-level goals

- Improve use of common software, best practice packaging, reproducibility and software engineering
- Identified software lifecycles and transitions
- Informed prioritization
- Secure new funds

Open question
- Does is make sense to have a big tent called software or are multiple

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The Grid

- The grid is an interesting test case
  - Driven by tremendous R&D funds in the early 2000s
  - Software is maintained by consortium
    - EGI for Europeans who now collects fees from members
    - OSG who was funded to do this
    - Projects like Globus, which commercialized

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Possible Models

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