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Supported Projects: E3SM

Quarterly Report for July 1, 2017 – September 30, 2017

Quarter Accomplishments:
- Created conda build recipe, and pushed a beta version of the processflow to the acme anaconda channel.
- Integrated the acme_diags into the processflow.
- Setup ci-bot for processflow testing.
- Ran hundreds of tests and fixed numerous bugs.
- Supported ProvEn Provenance capture development for E3SM.

Next Quarter's Roadmap
- Release the 1.0 version of the processflow to the E3SM anaconda channel.
- Support the DECK experiment post processing effort.
- Add support for A-Prime and CIME Short Term Archives.
- Verify reproducibility of E3SM simulations from ProvEn case reconstruction

Resources Required to Achieve Goals
- Acme1.llnl.gov is still experiencing hardware issues. Tony has identified this as an issue with the batch of HDDs he purchased, and is seeking approval for funds to replace the boot drives.
- Training / clearance to enter and service the server racks.