Software Review Follow-up: Hall A Status

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General Committee Recommendations

- "Nightly builds" → not yet, low priority (infrequent commits)

- "Evaluate standard code evaluation tools" → in progress. ETA spring 2013

- "Develop code validation suite as part of release procedure" → partly already done, but could be a lot better. Need to define. No ETA yet.

- "Data cataloging" → … not part of our plans yet. Perhaps should be a common project?

Hall A Recommendations

• "Parallelize C++ analyzer" → in progress (not so simple…). ETA ≈summer 2013.

• "HRS tracking development" (i.e. high-rate VDC analysis) → basically done, needs to be merged into main analyzer and checked for bugs. ETA ≈spring 2013.

• "Study SBS track reconstruction efficiency under higher background conditions" to find limit of algorithm → simulation framework ready to go, it's a matter of producing high-background MC data and running the reconstruction. → to be coordinated by SBS project

• "Develop requirements for SBS tracking algorithm performance" → needs to be done by SBS PI(s), depends on physics goals

• "Investigate git" → done. Git adopted and happy with it. We are still evaluating details, e.g. submodule organization and workflow.

Recommendations for Furture Reviews

• Cover "end users utilization & experience" → talks from end users

• Report on "file management, cataloging & data discovery by physicists doing analysis" → Might make sense to develop a central data cataloging system for all halls?