

CAF production: what's there now, and what's coming

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Currently available CAFs

- CAF files based on MCC10 full-reconstructed inputs are now available
 - /dune/data/users/marshalc/CAF/mcc10_test/
- ND and FD samples, with DUNErw systematic shifts
- Preliminary ND pseudo-reconstruction
- μ and e samples, but need oscillation weights to be applied for FD samples
- Think of this as a test run for MCC11 CAF making

Updates

- Current CAFs have old single-output CVN variables
 - New multi-output CVN is now implemented, and will be in the next production
- Current CAFs have “totpot” for each event, rather than a separate TTree with POT counting
 - New metadata TTree with POT counting, software versions, etc. is implemented and will be in the next release

Next steps

- Do we want to re-run FD CAFs with MCC10?
- If so, what changes?