

2x2 timeline considerations: CAFs

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Timeline planning questions

- ***Do you have what you need for your part of your work? If not, what are you missing?***
 - Highest concern: proper management interconnections (“ownership” & signoffs of ND_CAFMaker, duneanaobj)
 - Next concern: integration into Production workflow & maintenance. (Maintaining the complicated dependencies)
 - Another concern: support for necessary upgrades I mentioned this morning (better build system for ND_CAFMaker, duneanaobj cleanup)
- ***Do you have enough human resources?***
 - LOL no
 - I'm giving a “group summary” on behalf of a “group” with one member (me)
- ***If not, what are some specific areas where people could jump in? What previous knowledge is needed?***
 - Opportunities:
 - Integration of MINERvA, Pandora info
 - Ensuring Production workflow is robust
 - Prior knowledge:
 - Required:
 - C++
 - ROOT
 - Helpful:
 - UPS packaging system (Fermilab)
 - CMake

Timeline planning questions

- ***What is feasible to have by this timeline and what is not?***
 - Definitely feasible:
 - ML-reco on 2x2 output
 - Basic truth info
 - Feasible (not a heavy lift) if someone else champions it:
 - MINERvA reco
 - Pandora reco
 - Unlikely without significant effort:
 - Truth information for individual reco objects
- ***Any concerns that came out of the workshop?***
 - Need a central place to discuss proposed duneanaobj changes (Phys. Coords. probably need to organize)
 - Need to try a representative detector syst test case ASAP