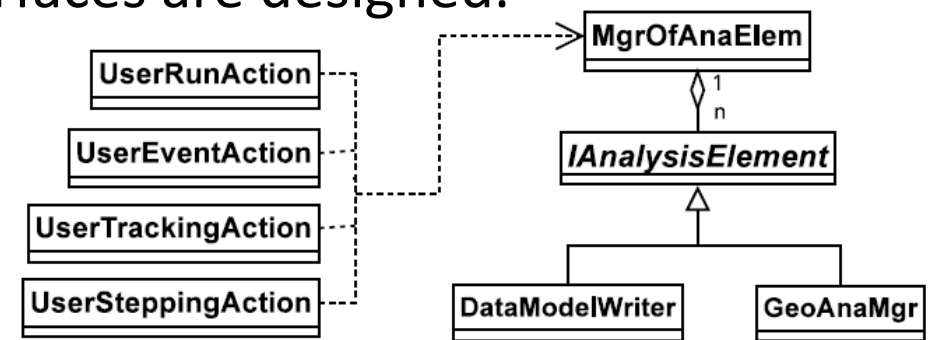
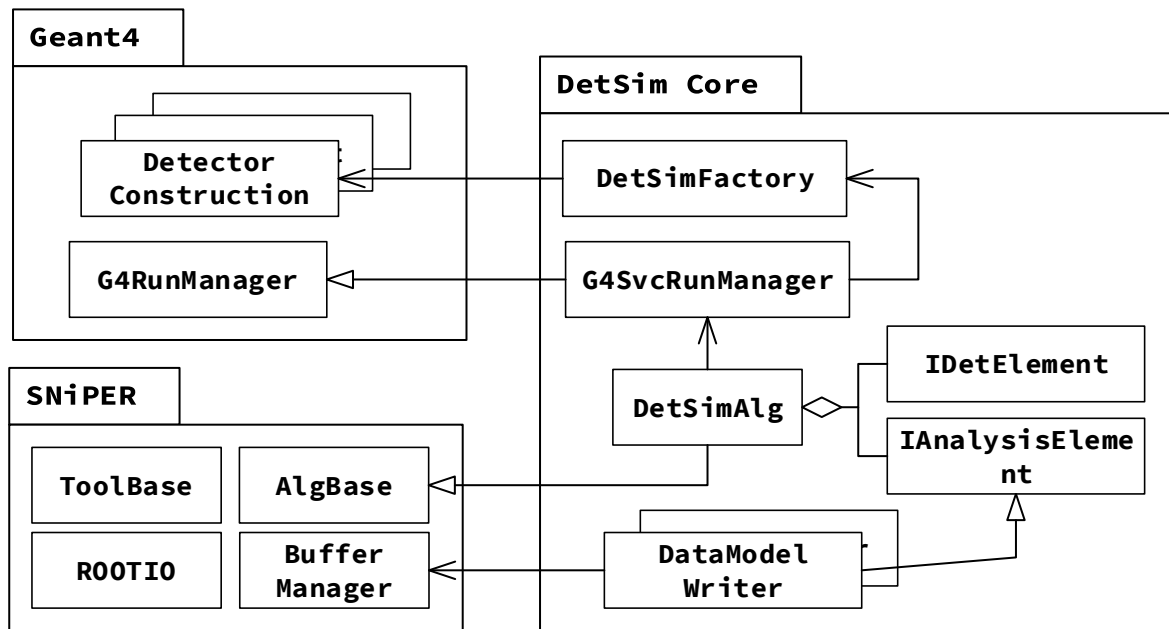
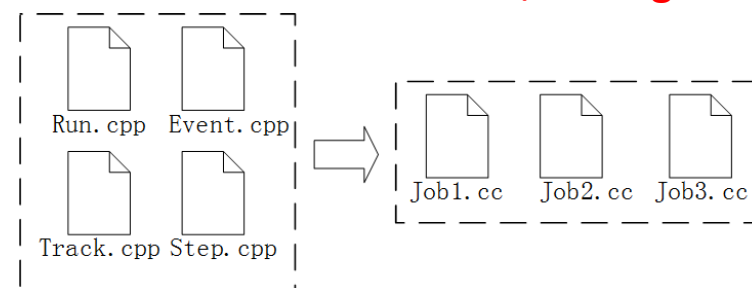


The Application of SNIKER to the JUNO Simulation (1)

- JUNO uses SNIKER as underlying framework. Detector simulation framework and digitization simulation are implemented.
- Detector Simulation Framework
 - Integrate Geant4 and SNIKER. Extra interfaces are designed.



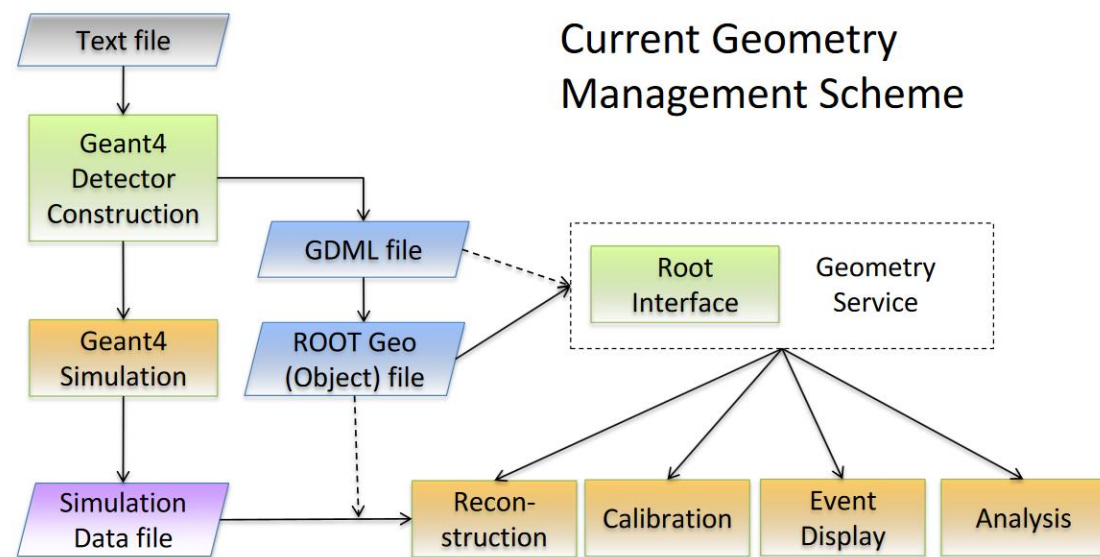
MCTruth could be retrieved/managed easily.



The Application of SNIiPER to the JUNO Simulation (2)

- Geometry Management

- ~54k PMTs (20inch and 3inch)
- Initialization time: ~15 sec



- Digitization

- New “PULL” workflow, supporting hit level event mixing.

