

# Analysis tools

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- “Pass0” streamed monitor tapes
- Distributed computing on Linux machines: Cheap data storage and cpu cycles; “scalable”
- Tapeless data processing; transfer via fast links/protocol
- Easy access to data: fixed logical links to data/ntuple files; location by keyword
- Automated scripts distribute jobs to the “farm machinery”; close to 100% efficiency in cpu usage; long-period (virtually) unattended running
- UMC calibration information to be built into output data files.

- Ntskimming: strips out selected sets of ntuples based on standard cut functions;
- Distributed execution of paw jobs to speed up data analysis
- “Analysis system”: suite of scripts to build custom cut functions; resolve dependencies between different cut scripts; sets up paw kumac jobs to loop over specified data sets. Designated source for “official” versions of the analysis code/scripts, locations of “official” versions of various raw data and ntuple data sets, and some calibrations.
- paw photo: ntuple-based event display. Many cool features! (Some tune-up work may be required at this time...)