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PILOT UPDATE

Pilot 1 v 72.3 – Updates 1/2

- Harvester mode
 - Get job updated to support Harvester work flow
 - When the pilot is launched, a job definition file for the initial job is present in the launch directory (i.e. same as for Nordugrid)
 - When the job has completed, and if there is time for another job, pilot will place a job request file in the launch directory
 - Harvester will see the job request file and place another job definition file for the pilot to discover
 - (Pilot removes the job request file when the new job definition file is found)
 - Implemented in Pilot 1+2

Pilot 1 v 72.3 – Updates 2/2

- Event service updates
 - AthenaMP is killed if it doesn't respond within max_wait
 - max_wait for one event is set to 360 minutes
 - Fix for problem with aCT logs not matching correct job id
 - Detailed explanation from Wen:
 - 1) RunJobHpcEvent wrongly set the job's state to 'finished' when yoda finishes. But in fact after 'yoda' finishes, RunJobHpcEvent still has to create tar files and move tar files to session directory
 - 2) When the monitor process finds that the job state is finished, it will start to create log files. In this part, a new update will remove tar files in the pilot directory
 - If 1) is faster, the job will finish with all events. If 2) is faster, the tar file will be removed
 - Fixed it by updating RunJobHpcEvent to set job's state to 'transferring' instead of 'finished'. After finishing transferring all files, RunJobHpcEvent will set the job to 'finished'
 - Problem introduced late last year, seen at LRZ-LMU_MUC_MCORE

PanDA Pilot v 72.3

- Contributions from W. Guan, P. Nilsson
- To be released asap (pending Harvester testing)