

# FASTCopy

## FASTCopy Data Delivery

- LATTE run directories are "exported" to /nfs/data/LATTE on lat-btserver.cern.ch at the ends of the runs.
- A cron job on lat-btserver creates a tarball of the run directory and schedules it for FASTCopy'ing, then moves the directory to /nfs/data/DVD.
- Run-directory tarballs (<runid>.tar.gz) arrive in /nfs/farm/g/glast/u23/ISOC/glastops/Incoming on glastlnx06, and are moved to /nfs/farm/g/glast/u23/ISOC/Stage/Beamtest by the FASTCopy post-transfer command (/u/gl/glastops/Prod/bin/FC\_Beamtest.sh).
- A cron job on glastlnx06 executes /u/gl/glastops/Prod/bin/RunDirs\_DispatchBT.sh. This script:
  - sources the file /afs/slac/g/glast/ground/PipelineConfig/BeamTest-tasks/configDispatch:

```
# dispatch-configuration fragment
outdir=/nfs/farm/g/glast/u37/BeamTest06/rawData
pipeline_env=~glast/pdb_config/dpf_config_prod.sh
pipeline_task=beamTestPisa
sentinel_file=/afs/slac/g/glast/ground/PipelineConfig/BeamTest-tasks/halted
```

- checks for the existence of \$sentinel\_file, and exits if the file is found.
  - if \$sentinel\_file does not exist, it unpacks the tarball to \$outdir
  - invokes \$beamtestPIRoot/online/BeamTestLaunch.pl to inject the run into the pipeline
- The dispatch script writes to /nfs/farm/g/glast/u23/ISOC/glastops/dispatchRunDirsBT.log. This log file is "rolled over" by logrotate each day shortly after midnight, Pacific time.