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# LHCb nightlies git repository

## Structure

### Branch: master

- NightliesConfig : configurations and related scripts
  - ◆ acrontab.txt : lhcbsoft's acron table
  - ◆ acrontabSVN.py : script for editing lhcbsoft's acrontab (still in SVN, is being updated to store in git, when git becomes available on lxbuils)
  - ◆ logRotateAFS.conf : configuration for logrotate for files in AFS
  - ◆ logRotateLocal.conf : configuration for logrotate for files in local file systems
- NightliesProduction : production related files
  - ◆ AFSCheck.py : older methods used for checking AFS volumes
  - ◆ killtree.py : script for killing the whole process tree for a PID
  - ◆ killTree.sh : calls killtree.py
  - ◆ LHCbDoc.py
  - ◆ LHCbNightlies.py : main LHCb nightlies script, contains the LHCb builder etc.
  - ◆ nightliesClient.sh : sets the environment and starts a client process (LCG client.py)
  - ◆ nightliesServer.sh : sets the environment and starts the server process
  - ◆ restart.py : script to restart a slot/platform
  - ◆ TarBall.py
- NightliesSensors : scripts running on the build nodes reporting to SLS
  - ◆ AFSSensor.py : checks the AFS volumes and local mounts
  - ◆ CoveritySensor.py : monitors the Coverity status (lxbuid161)
  - ◆ NightliesSensors.py : some methods used by the other sensors
  - ◆ NightliesXML.py : helper methods for processing XMLs (should be in Shared, maybe)
  - ◆ processMonitor.py : load/runtime limiter used by the sensors (should be in Shared, maybe)
  - ◆ RSSStatus.py : checks the rss db status
  - ◆ WebpageSensor.py : monitors the webpage (refresh frequency, loading time)
- NightliesWebpage : Webpage related files
  - ◆ css : CSS used by the webpage
  - ◆ js : js scripts used by the webpage
  - ◆ LHCbNightliesWebpage.py : main webpage script
  - ◆ nightlies.py
  - ◆ rss : rss feed db
- Shared
  - ◆ NightliesXML.py : helper methods for processing XMLs
  - ◆ processMonitor.py : load/runtime limiter used by the sensors
  - ◆ **todo** : install script

### Branch: testing

development branch

- --> generate webpage from XML

-- ThomasHartmann - 08-Aug-2012

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This topic: LHCb > LHCbNightliesGit

Topic revision: r3 - 2012-12-19 - ThomasHartmann



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