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# Structure of LHCb Nightlies

## File structure

- nightlies related files
  - ◆ Nightlies: scripts necessary for running the nightlies, e.g. LHCbNightlies.py...
    - ◇ bin: helper programs around the Nightlies, e.g. nightliesClient.sh...
  - ◆ Webpage: scripts for displaying the results, e.g. LHCbNightliesWebpage.py,...
    - ◇ webpage helpers/cgi-scripts: nightlies.py,... (reside in /afs/cern.ch/lhcb/software/nightlies/www/cgi-bin)
    - ◇ javascript=/=css helpers --> reside in /afs/cern.ch/lhcb/software/nightlies/www/js/  
/afs/cern.ch/lhcb/software/nightlies/www/css/
    - ◇ rss db (resides in /afs/cern.ch/lhcb/software/nightlies/db not in ../www/... !!!)
- acrontab: configuration of the acrontab

## Relations

- working/output directories
  - ◆ local
    - ◇ build directories
      - ./build/nightlies/SLOTS/WEEKDAYS
  - ◆ afs (\$LHCBNIGHTLIES --> /afs/cern.ch/lhcb/software/nightlies/)
    - ◇ build directories
      - ./afs/cern.ch/lhcb/software/nightlies/SLOTS/WEEKDAYS
    - ◇ output/web
      - ./afs/cern.ch/lhcb/software/nightlies/www/
        - summaries index-LHCb-cache.html and index-LHCb-cache.xml (generated regularly by acron:=LHCbNightlies=)
          - ◆ refer to job-outputs
            - ◇ merged from LHCbNightlies from local dirs to /afs/cern.ch/lhcb/software/nightlies/www/logs/  
◇ SLOT.DAY\_PROJECT\_PLATFORM{.log,-log.html,-log.summ (DIR) }
        - tests index-LHCb-cache.html and index-LHCb-cache.xml (generated by hand)
        - acron outputs:  
/afs/cern.ch/lhcb/software/nightlies/www/logs/lient.DAY\_mainlog

## Stable/Testing

- stable
  - ◆ started by acrontab daily
- testing
  - ◆ no relations to acron-starts: are run by hand

-- ThomasHartmann - 21-Feb-2012

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