

This is the LHCb-Edinburgh collaboration hints and tips on using the GRID

Hints and tips on running on the GRID for distributed analysis

The following things should be checked before you submit your Job:

- Is the bookkeeping operational?
 - ◆ without the bookkeeping the conversion in DIRAC from LFNs to PFNs may not happen correctly
 - ◆ check Bookkeeping [↗](#)
- Is DIRAC up and running?
 - ◆ if the DIRAC central servers go down, nothing will happen
 - ◆ check DIRAC monitoring [↗](#)
- Is the GRID actually working?
 - ◆ if too many sites are failing you'll see long waiting times
 - ◆ check DIRAC mask [↗](#) and LCG monitoring [↗](#)
- Are your files likely to be staged?
 - ◆ if your files are not staged to disk the "maximum reschedulings reached" error will occur in DIRAC
 - ◆ go to Bookkeeping [↗](#) and select PFNs at CERN of your sample (/castor/.../ast)
 - ◆ ssh into lxplus
 - ◆ run a stager query on a selection of files > stager_qry -M /castor/.../bst
 - ◆ if none of your files are staged give up, unless you have a very convincing reason to ask for them.

Page customisation topic

Please do not modify the lines below unless you know what you are doing. Refer to the TWiki documentation TWikiAccessControl

- Member list:
 - ◆ Set GROUP = AndresOsorio, ColinMclean, GreigCowan, AndrewCSmith, YuehongXie, RobertLambert, FranzMuheim, YoungMinKim, PhilipClark, StephanEisenhardt, PeterClarke, ConorFitzpatrick
- Persons/group who can change the list:
 - ◆ Set ALLOWTOPICCHANGE = LHCbEdinburghGroup
- Change the colour configuration
 - ◆ Set USERCOLORSURL = <https://twiki.cern.ch/twiki/bin/viewfile/Main/LHCbEdinburghGroupConfig?rev=1;filename=colors.css>

Related topics: TWikiUsers, TWikiGroups, TWikiAccessControl

-- RobertLambert - 21 Feb 2008

This topic: Main > LHCbEdinburghGroupGridTips

Topic revision: r1 - 2008-02-21 - unknown



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)