

Table of Contents

Shifter Checklist.....	1
When a production has ended.....	2

Shifter Checklist

This is the procedure to be followed at the end of a production

When a production has ended

- "Stop" the production
- Check that the files exist in the bookkeeping. They should appear at the very latest, the day after the job is finished, unless there are errors with the bookkeeping
 - ◆ Check that the number of events generated is correct ($> \sim =$ the number requested)
- Output files for the production should exist in the SE and LFC. You can check this for a representative sample of jobs in the production.
 - ◆ To check the file in the LFC, you can run the following command (after a "SetupProject Dirac ; lhcb-proxy-init") : `lfc-ls -l /grid/`. You can obtain the JobOutputLFN from the tag "ProductionOutputData" of in the JDL information of the job. For example

```
[lxplus253] ~ > lfc-ls -l /grid/lhcb/production/DC06/phys-v4-lumi5/00001908/RDST/0000/00001908_00000115_1.rdst
-rw-rw-r--  1 19028      2695          377251657 Sep 13  2007 /grid/lhcb/production/DC06/phys-
```

- ◆ To check if a file is in the SE you can run the DIRAC command "dirac-dms-lfn-accessURL " as shown below for example

```
[lxplus253] ~ > dirac-dms-lfn-accessURL /lhcb/production/DC06/phys-v4-lumi5/00001908/RDST/0000/00001908_00000115_1.rdst
2008-12-12 12:47:03 UTC dirac-dms-lfn-accessURL.py INFO: ReplicaManager.getReplicaAccessUrl: Att
2008-12-12 12:47:03 UTC dirac-dms-lfn-accessURL.py INFO: ReplicaManager.getReplicaAccessUrl: Res
2008-12-12 12:47:03 UTC dirac-dms-lfn-accessURL.py INFO: ReplicaManager.__getPhysicalFileAccessU
2008-12-12 12:47:03 UTC dirac-dms-lfn-accessURL.py INFO: Using lcg_util from: /afs/cern.ch/lhcb/
2008-12-12 12:47:03 UTC dirac-dms-lfn-accessURL.py INFO: The version of lcg_utils is 1.6.13
2008-12-12 12:47:04 UTC dirac-dms-lfn-accessURL.py INFO: Using gfalthr from: /afs/cern.ch/lhcb/s
2008-12-12 12:47:04 UTC dirac-dms-lfn-accessURL.py INFO: The version of gfalthr is 1.10.15
2008-12-12 12:47:04 UTC dirac-dms-lfn-accessURL.py INFO: StorageElement.isValid: Determining whe
2008-12-12 12:47:04 UTC dirac-dms-lfn-accessURL.py INFO: StorageElement.isLocalSE: Determining w
2008-12-12 12:47:04 UTC dirac-dms-lfn-accessURL.py INFO: StorageElement.getAccessUrl: Generating
2008-12-12 12:47:04 UTC dirac-dms-lfn-accessURL.py INFO: StorageElement.getAccessUrl: Attempting
2008-12-12 12:47:36 UTC dirac-dms-lfn-accessURL.py ERROR: SRM2Storage.__gfal_turlsfromsurls: Fail
2008-12-12 12:47:37 UTC dirac-dms-lfn-accessURL.py INFO: StorageElement.getAccessUrl: Generating
2008-12-12 12:47:37 UTC dirac-dms-lfn-accessURL.py INFO: StorageElement.getAccessUrl: Attempting
{'Failed': {},
 'Successful': {'/lhcb/production/DC06/phys-v4-lumi5/00001908/RDST/0000/00001908_00000115_1.rdst'}}
```

- Check the log files and that the successful log files also correspond to the entries in the bookkeeping / LFC. Jobs which have stalled, or failed due to problems in the application will usually not have their output data stored (except for the log files). If they exist, please contact the grid operator on duty to clarify the situation.
- Mark the production as "Done"
 - ◆ Actually the production tools are not yet up-to-date on this. For now, "stop"ping the production is enough.
- Inform the requester that the production is completed. Also put in a message that this production is finished in the elogger [↗](#)
 - ◆ Also put in a reference to the bookkeeping to the requester and the elogger. The format could be something along the lines below

```
"CONFIGNAME"      "CONFIGVERSION" "SIMDESCRIPTION"      "PRODUCTION"      "EVENTSTAT"
"MC"             "2008"         "Beam450GeV-VeloOpen-BfieldZero"      "3066"      "4996"
"MC"             "2008"         "Beam450GeV-VeloOpen-BfieldZero"      "3066"      "4997"
```

This topic: LHCb > ProductionProceduresEndOfProduction

Topic revision: r1 - 2008-12-12 - unknown



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

ProductionProceduresEndOfProduction < LHCb < TWiki

or Ideas, requests, problems regarding TWiki? use Discourse or Send feedback