

Checking the workqueue{_inbox} status in the local agent:

```
[cmsdataops@cmsgwms-submit1 current]$ wget -nv https://raw.githubusercontent.com/amaltaro/Product
[cmsdataops@cmsgwms-submit1 current]$ source /data/srv/wmagent/current/apps/wmagent/etc/profile.d
[cmsdataops@cmsgwms-submit1 current]$ python localWorkQueueStatus.py
INFO:root:***** LOCAL workqueue elements summary *****
INFO:root:Found a total of 2 elements in the 'workqueue_inbox' db
INFO:root:{u'Done': 2}
INFO:root:Found a total of 2 elements in the 'workqueue' db
INFO:root:{u'Done': 2}
INFO:root:
```

Subscriptions not finished

```
SQL> select distinct wmbs_workflow.name AS wfName
      FROM wmbs_subscription
      INNER JOIN wmbs_fileset ON wmbs_subscription.fileset = wmbs_fileset.id
      INNER JOIN wmbs_workflow ON wmbs_workflow.id = wmbs_subscription.workflow
      where wmbs_subscription.finished = 0 ORDER BY wmbs_workflow.name;
Empty set (0.00 sec)
```

and they are all either aborted or announced. So let's switch their subscription to finished:

```
MariaDB [wmagent]> UPDATE wmbs_subscription SET finished=1 WHERE finished=0;
Query OK, 77 rows affected (0.04 sec)
Rows matched: 77 Changed: 77 Warnings: 0
```

Files available in WMBS (waiting for job creation)

```
MariaDB [wmagent]> select subscription,count(*) from wmbs_sub_files_available group by subscription;
Empty set (0.00 sec)
```

Checking workflows with files still available:

```
SQL> SELECT wmbs_workflow.name, count(wmbs_sub_files_available.subscription), count(wmbs_sub_file
      FROM wmbs_sub_files_available
      INNER JOIN wmbs_subscription ON wmbs_sub_files_available.subscription = wmbs_subscription.id
      INNER JOIN wmbs_workflow ON wmbs_subscription.workflow = wmbs_workflow.id
      GROUP BY wmbs_workflow.name;
Empty set (0.00 sec)
```

Files acquired or acquired in WMBS (waiting for job to finish)

```
MariaDB [wmagent]> select subscription,count(*) from wmbs_sub_files_acquired group by subscription;
Empty set (0.00 sec)
```

Files and Blocks in Phedex and DBS

Blocks open in DBS

```
MariaDB [wmagent]> SELECT * FROM dbsbuffer_block WHERE status!='Closed';
Empty set (0.07 sec)
```

Workflows not fully injected (this must be empty)

Files not updated DBS

```
MariaDB [wmagent]> SELECT * from dbsbuffer_file where status = 'NOTUPLOADED';  
Empty set (0.87 sec)
```

Files not injected in Phedex, with parent block id (can be recovered)

```
SQL> SELECT * FROM dbsbuffer_file  
WHERE in_phedex=0  
AND block_id IS NOT NULL  
AND lfn NOT LIKE '%unmerged%'  
AND lfn NOT LIKE 'MCFakeFile%'  
AND lfn NOT LIKE '%BACKFILL%'  
AND lfn NOT LIKE '/store/user%';  
Empty set (0.88 sec)
```

Files not in phedex without parent block id (cannot be recovered) Possible input files.

```
SQL> SELECT count(*) FROM dbsbuffer_file  
WHERE in_phedex=0  
AND block_id IS NULL  
AND lfn NOT LIKE '%unmerged%'  
AND lfn NOT LIKE 'MCFakeFile%'  
AND lfn NOT LIKE '%BACKFILL%'  
AND lfn NOT LIKE '/store/backfill/%'  
AND lfn NOT LIKE '/store/user%';  
+-----+  
| count(*) |  
+-----+  
|    25958 |  
+-----+  
1 row in set (0.05 sec)
```

So we run fix Phedex to update the files not in phedex

```
[cmsdataops@cmsgwms-submit1 current]$ curl http://amaltaro.web.cern.ch/amaltaro/forAlan/newFixPhedex  
[cmsdataops@cmsgwms-submit1 current]$ python newFixPhedex.py  
Shutting down PhEDExInjector...  
Checking 4326 dataset in both PhEDEx and DBS ...  
100/4326 files processed  
...  
150700/150814 files processed  
150800/150814 files processed  
Found 552506 out of 554695 files that are already registered in PhEDEx but buffer does  
Fixing them now, it may take several minutes ...  
Rows were successfully updated! Good job!  
Starting PhEDExInjector now ...  
  
started with pid 2937253
```

And we check afterwards

```
SQL> SELECT lfn FROM dbsbuffer_file  
WHERE in_phedex=0  
AND block_id IS NULL  
AND lfn NOT LIKE '%unmerged%'  
AND lfn NOT LIKE 'MCFakeFile%'  
AND lfn NOT LIKE '%BACKFILL%'  
AND lfn NOT LIKE '/store/backfill/%'  
AND lfn NOT LIKE '/store/user%' ORDER BY lfn;  
Empty set (0.04 sec)
```

Good to go!

This topic: CMSPublic > Cmsgwmssubmit1Redeployment

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