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How to run the QA task (Cath's receipee)

- alien-token-init csilvest
- aliensh
- make the collection
 - ◆ cd /alice/cern.ch/user/c/csilvest/collection/PHYSICS1_17/
 - ◆ find -x collection /alice/data/2012/LHC12b/000178025/ AliESDs.root > 178025.xml
 - ◇ chercher path du run dans monalisa
 - ◆ cp file:*xml .
- dans /alice/cern.ch/user/c/csilvest/QA_trigger/jdl/
 - ◆ edit /alice/cern.ch/user/c/csilvest/collection/PHYSICS1_17/list.txt to have the list of runs
 - ◆ submit the jobs run submitRuns.sh first last production example run submitRuns.sh 0 8 PHYSICS1_17
 - ◆ (or submit TriggerQA_gustavo.jdl 178025 PHYSICS1_17)
- check jobs jobs web page
- merge run submitMergeRuns.sh 0 8 PHYSICS1_17 ou submit MergeHistos.jdl PHYSICS1_17/178030 /alice/cern.ch/user/c/csilvest/QA_trigger/outputNoPhysSel/PHYSICS1_17/178030/001/AnalysisR
- /alice/cern.ch/user/c/csilvest/QA_trigger/outputMerged/PHYSICS1_17/ >cp 178030/Merged.root file:178030/Merged.root :149 ls |awk '{print "cp "\$1"/Merged.root file:"\$1"/Merged.root"}'

```
submit TriggerQA_gustavo2.jdl 177858 PHYSICS1_17
submit TriggerQA_gustavo2.jdl 177860 PHYSICS1_17
submit TriggerQA_gustavo2.jdl 177861 PHYSICS1_17
submit TriggerQA_gustavo2.jdl 177849 PHYSICS1_17
submit TriggerQA_gustavo2.jdl 177864 PHYSICS1_17
submit TriggerQA_gustavo2.jdl 177799 PHYSICS1_17
submit TriggerQA_gustavo2.jdl 177804 PHYSICS1_17
submit TriggerQA_gustavo2.jdl 177869 PHYSICS1_17
```

```
submit MergeHistos.jdl PHYSICS1_17/177849 /alice/cern.ch/user/c/csilvest/QA_trigger/outputNoPh
submit MergeHistos.jdl PHYSICS1_17/177799 /alice/cern.ch/user/c/csilvest/QA_trigger/outputNoPh
submit MergeHistos.jdl PHYSICS1_17/177869 /alice/cern.ch/user/c/csilvest/QA_trigger/outputNoPhy
submit MergeHistos.jdl PHYSICS1_17/177864 /alice/cern.ch/user/c/csilvest/QA_trigger/outputNoPhy
submit MergeHistos.jdl PHYSICS1_17/177861 /alice/cern.ch/user/c/csilvest/QA_trigger/outputNoPhy
submit MergeHistos.jdl PHYSICS1_17/177860 /alice/cern.ch/user/c/csilvest/QA_trigger/outputNoPh
submit MergeHistos.jdl PHYSICS1_17/177858 /alice/cern.ch/user/c/csilvest/QA_trigger/outputNoPh
```

```
ls /alice/data/2012/LHC12b/000177849/ESDs//pass1/ |grep 12000177|tail -10 | awk '{print "cp /alic
```

- copy eds to lpsc and test locally that for run 849 there is no more index issue.

```
177792
177798
177799
177804
177849
177858
177860
177861
177864
177869
178025
178030
```

- La tache d'analyse se trouve sur

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`$ALICE_ROOT/PWGGA/EMCALTasks/AliAnalysisTaskEMCALTriggerQA.cxx`

- et sa correspondant macro pour configurer l'analyse

`$ALICE_ROOT/PWGGA/EMCALTasks/macros/AddTaskEMCALTriggerQA.C`

- et ici : `/alice/cern.ch/user/c/csilvest/QA_trigger/EMCALTasks/ :`
`AliAnalysisTaskEMCALTriggerQA.h` et `AliAnalysisTaskEMCALTriggerQA.cxx`

-- CatherineSilvestre - 11-May-2012

This topic: Main > HowToRunQA

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