

Build our Analysis Train



GOALS:

- Provide TESTED examples of analysis tasks
 - very simple, writing some histograms
 - with analysis component (to be prepared)
- Provide example of analysis train
- Test the concept of the analysis train
 - stability, easiness in handling and maintaining
 - test over large statistics (batch jobs)
 - run regularly, often, with updates
- Very gently invite everybody here to prepare a simple task
- Users' tasks can provide some quality monitoring

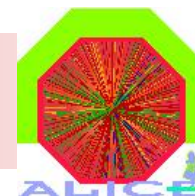
Example on the Offline Page



<http://aliceinfo.cern.ch/Offline/Activities/Analysis/AnalysisFramework/index.html>

- good documentation and examples
- effort in clarifying and providing examples
- mmmhhh:
 - ASCII OUTPUTS!!!
 - warning: contains old version of some tasks

Local version



- PACKAGES: (64-bit machines)
ROOT version: v5-19-02a
AliROOT version: v4-12-Release (updated to version 25651, Rev-02)
- par files can be found in /u/sma/train/par_files/
(64-bit machines)
with script to produce them
- example train running in /u/sma/train/offline_doc/train/
try: root -b -q AnalysisTrain.C
- simpler train (no AOD) in /u/sma/train/v1/

ALL VERY PRELIMINARY

Local version - 2



- additional documentation on wiki-page
<http://alice-wiki.gsi.de/cgi-bin/view/Analysis/AnalysisFrameworkAndAnalysisTrain>
in preparation
- let's decide what we want to run
 - read ESD and MC (later split ESD+MC from ESD-only)
 - write personal histograms/trees/etc.
 - write AOD (standard + specific)
 - ...

Physics Working Groups are really organizing the work based on analysis trains which save additional branches to the standard AODs

Local rules



- NO printouts (use debug levels)
- must be tested locally on “some” statistics (e.g. 100,000 events)
- memory check (to be prepared)
- - now give me your version 0
 - update it when necessary
 - later we will make regular schedules (e.g. run the train twice/week, updates accepted up to one day before, and so on)

GRID production for 2008



In preparation in Aliroot v4-12-Release (after Rev-02)
in test/fpprod/

Physics processes ???