

...under working...

How can I know the collections stored in a POOL file, like an ESD, AOD or DPD?

...under working...

How can I know which methods I can use, associated to the collections inside a POOL file?

...under working...

For an interactive work you can use Interactive Athena. Download the script you can find attached to this page, below, remove the trailing .txt renaming it to Interactive_top0.py. In your run/ directory run this script with `athena -i Interactive_top0.py` and follow the instruction written in the script code.

```

from AthenaCommon.AppMgr import ServiceMgr
import AthenaPoolCnvSvc.ReadAthenaPool

ServiceMgr.EventSelector.InputCollections = [ "/localscratch/christov/testData/valid1.005188.A3_Z

# Number of Events to process
theApp.EvtMax = -1

# initialize AnalysisCore
include ("PyAnalysisCore/InitPyAnalysisCore.py")

## to start the interactive session
# athena -i Interactive_top0.py

## In the session do the following:

#theApp.initialize()
#theApp.nextEvent()

## getting the vectors of particles form containers

#tau=PyParticleTools.getTauJets("TauRecContainer")
#el=PyParticleTools.getElectrons("ElectronAODCollection")

#mu=PyParticleTools.getMuons("StacoMuonCollection")
#jet=PyParticleTools.getParticleJets("Cone4H1TowerParticleJets") #didnt work
#met=PyParticleTools.getMissingET("MET_RefFinal")

## getting a single particle
#t0=tau[0]

## getting lest of available methods with some info
#help(t0)

```

...more detailed info will come...

check also:

http://atlas-wiki1.physik.uni-bonn.de/mediawiki/index.php/Athena_Tipps_und_Tricks#Interactive_Athena

-- RiccardoMariaBianchi - 26 Feb 2009

This topic: Main > ATLASWatchManHowToKnowPOOLFileContent

Topic revision: r2 - 2009-03-06 - StephanHorner



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](#)