Subject: [FIXED] Produce ROOT file with FairRoot Structure
Posted by wesmail on Mon, 19 Mar 2018 12:24:35 GMT

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Dear experts,

I have a ROOT file that contains probability distributions of different particles (e, mu, pi, k, p) stored in TClonesArray "branch named PidAlgoMl" (image 1), but I want it to be of the same structure of image 2, that is the branch "PidAlgoMl" inside folder "Pid" which is inside folder "cbmout". How to do this using PANDARoot or FairROOT classes.

Thank you very much in advance,

File Attachments
1) 1.png, downloaded 1440 times

File Edit View Terminal Tabs Help

wesmail@wesmail-X580VD: ~/findspark-1.1.0

wesmail@wesmail-X580VD:~/findspark-1.1.0$ root -l outFile.root
root [0]
Attaching file outFile.root as _file0...
IncrementalExecutor::executeFunction: symbol '_ZN5cling10printValue
You are probably missing the definition of cling::printValue(void c
Maybe you need to load the corresponding shared library?
(TFile *) Error in ValuePrinter: missing output string.
root [1] new **TBrowser**
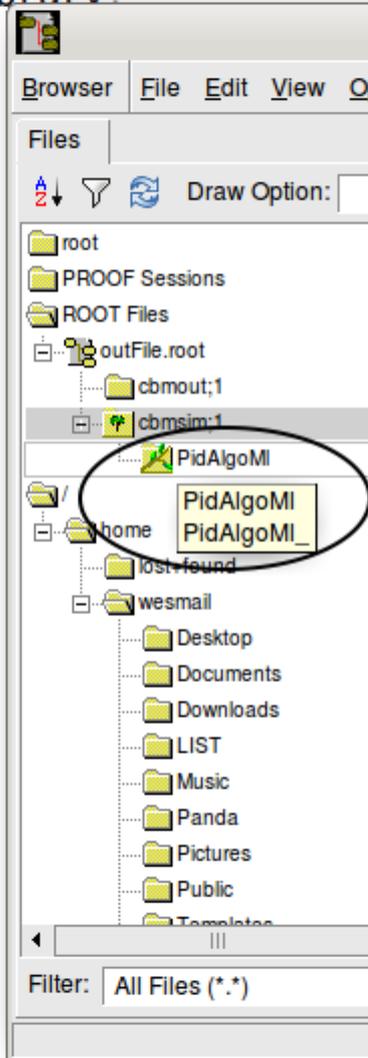IncrementalExecutor::executeFunction: symbol '_ZN5cling10printValue
You are probably missing the definition of cling::printValue(void c
Maybe you need to load the corresponding shared library?
(TBrowser *) Error in ValuePrinter: missing output
root [2]

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Files

Draw Option:

📁 root
📁 PROOF Sessions
📁 ROOT Files
  └─ 📊 outFile.root
      ├─ 📁 cbmout;1
      └─ 🌿 cbmsim;1
          └─ 📊 PidAlgoMl

          PidAlgoMl
          PidAlgoMl_
📁 /
  lost+found
  └─ 📁 home
      └─ 📁 wesmail
          ├─ 📁 Desktop
          ├─ 📁 Documents
          ├─ 📁 Downloads
          ├─ 📁 LIST
          ├─ 📁 Music
          ├─ 📁 Panda
          ├─ 📁 Pictures
          ├─ 📁 Public
          └─ 📁 Templates

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2) 2.png, downloaded 1285 times

```
wesmail@wesmail-X580VD:~/findspark-1.1.0$ root -l outFile.root
root [0]
Attaching file outFile.root as _file0...
IncrementalExecutor::executeFunction: symbol '_ZN5cling10printValue
You are probably missing the definition of cling::printValue(void c
Maybe you need to load the corresponding shared library?
(TFile *) Error in ValuePrinter: missing output string.
root [1] new TBrowser
IncrementalExecutor::executeFunction: symbol '_ZN5cling10printValue
You are probably missing the definition of cling::printValue(void c
Maybe you need to load the corresponding shared library?
(TBrowser *) Error in ValuePrinter: missing output
root [2] .q
wesmail@wesmail-X580VD:~/findspark-1.1.0$ root -l s
root [0]
Attaching file signal_pid.root as _file0...
IncrementalExecutor::executeFunction: symbol '_ZN5c
You are probably missing the definition of cling::p
Maybe you need to load the corresponding shared lib
(TFile *) Error in ValuePrinter: missing output str
root [1] new TBrowser
IncrementalExecutor::executeFunction: symbol '_ZN5c
You are probably missing the definition of cling::p
Maybe you need to load the corresponding shared lib
(TBrowser *) Error in ValuePrinter: missing output
root [2] ▯
```

Browser   File Edit View O

Files

Draw Option:

- 📁 root
- 📁 PROOF Sessions
- 📁 ROOT Files
  - 📑 signal_pid.root
    - 📁 cbmout;1
    - 📁 BranchList;1
    - 📁 TimeBasedBranchList;1
    - 📄 FileHeader;1
    - 📑 cbmsim;1
      - 📊 EventHeader.
      - 📊 PidChargedCand
      - 📊 PidNeutralCand
      - 📊 BremCorrected4Mom
      - 📊 PidAlgoIdealCharged
      - 📊 PidAlgoIdealNeutral
      - 📊 PidAlgoMvd
      - 📊 PidAlgoMvd
      - 📊 cbmout.Pid.PidAl
      - 📊 PidAlgoDisc
      - 📊 PidAlgoStt

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