

Dear all, i try to run the following:

i have from my MC simulation the following outfiles

```
TString inFile="sim_tof_Bgfulljun08.root";  
TString inFile2 = "sim_tof_Bgfulljun08____1.root";  
TString inFile3 = "sim_tof_Bgfulljun08____2.root";
```

they are output of 10k event from urqmd generator.

to read them all, and be able to apply my digi task i do

```
fRun->SetInputFile(inFile.Data());
```

```
fRun->AddFile(inFile2.Data());  
fRun->AddFile(inFile3.Data());
```

```
fRun->SetOutputFile(outFile);
```

the problem is now that i want
to use also another task for reco, and then i need

the digi output "outFile" and the MC output

```
TString inFile="sim_tof_Bgfulljun08.root";  
TString inFile2 = "sim_tof_Bgfulljun08____1.root";  
TString inFile3 = "sim_tof_Bgfulljun08____2.root";
```

so by using another macro to run my reco i do,

```
fRun->SetInputFile(inFile.Data());
```

```
fRun->AddFile(inFile2.Data());  
fRun->AddFile(inFile3.Data());
```

```
fRun->AddFriend(outFile.Data());  
fRun->SetOutputFile(RecoFile);
```

the problem is then that by using AddFile and AddFriend together
the files are not properly added and i the task doesn't find
the Tclonesarray from the files.

but if i do only

```
fRun->SetInputFile(inFile.Data());
```

```
fRun->AddFriend(outFile.Data());  
fRun->SetOutputFile(RecoFile);
```

than it work,
can any of you help me?

thanks a lot
Alicia.

Subject: Re: cbmRunAna.cxx AddFile AddFriend
Posted by [Stefano Spataro](#) on Tue, 30 Sep 2008 19:26:09 GMT
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I had a similar problem more than one year ago:

<http://forum.gsi.de/index.php?t=tree&goto=4725&rid=306>

And I think the problem is still there. Or at least I did some tries one week ago, and I was not able to make it work.

Subject: Re: cbmRunAna.cxx AddFile AddFriend
Posted by [Florian Uhlig](#) on Wed, 01 Oct 2008 07:48:00 GMT
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Hi Alicia

If i understand it correct you have several MC files but only one DIGI file.

Can you try the following

```
fRun->SetInputFile(inFile.Data());  
fRun->AddFriend(outFile.Data());
```

```
fRun->AddFile(inFile2.Data());  
fRun->AddFriend(outFile.Data());
```

```
fRun->AddFile(inFile3.Data());  
fRun->AddFriend(outFile.Data());
```

```
fRun->SetOutputFile(RecoFile);
```

Ciao

Florian

Subject: Re: cbmRunAna.cxx AddFile AddFriend
Posted by [asanchez](#) on Wed, 01 Oct 2008 11:33:07 GMT
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Dear Florian,
thank you very much for your advice
now it seems work properly, anyway i have found some document attached by Mojhammad
<http://www.gsi.de/documents/DOC-2004-Nov-122-1.ppt>

I have also tried to do the same by using a macro
by doing Tchain with several files and then add also friend to them.

And also works but one has to do the following

```
Tchain * mychain =new TChain("cbmsim");  
mychain->Add("file.root")  
mychain->Add("file_2.root")  
mychain->Add("file_3.root")
```

```
Tchain * myfriend =new TChain("cbmsim");  
myfriend->Add("filefriend.root")
```

```
mychain->AddFriend(myfriend)
```

best regrads
ALicia.

Subject: Re: cbmRunAna.cxx AddFile AddFriend
Posted by [Florian Uhlig](#) on Wed, 01 Oct 2008 15:00:51 GMT
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Hi Alicia

How does it work? Did you use the TChain or my solution?

Ciao

Florian

Subject: Re: cbmRunAna.cxx AddFile AddFriend
Posted by [asanchez](#) on Wed, 01 Oct 2008 15:39:40 GMT
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Hi
sorry i have used your solution.

best regrads

alicia.

Subject: Re: cbmRunAna.cxx AddFile AddFriend
Posted by [Florian Uhlig](#) on Wed, 01 Oct 2008 15:47:06 GMT
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Hi Alicia

I only wanted to know if this version works.

Ciao

Florian
