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Subject: Re: Microcandidates writing fails for large simulation file

Posted by [Stefano Spataro](#) on Fri, 05 Jun 2009 15:50:32 GMT

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Dear all,

it is not so clear to me why this procedure does not work in my case.

I have run the simulation, which produces two files: points\_tpccombi.root and points\_tpccombi\_1.root.

Then digitization, one output file: digi\_tpccombi.root.

At the end reconstruction, but I need also the MC information.

I have written:

```
FairRunAna *fRun= new FairRunAna();  
fRun->SetInputFile("points_tpccombi.root");  
fRun->AddFriend("digi_tpccombi.root");  
fRun->AddFile("points_tpccombi_1.root");  
fRun->AddFriend("digi_tpccombi.root");  
fRun->SetOutputFile(outFile);
```

The first file is processed normally, but when the second file starts:

```
-I FairRootManager: switching to chained file: points_tpccombi_1.root  
connected friends: digi_tpccombi.root
```

after few events I have a segmentation violation, related to the wrong coupling of the initial file and his friend.

Has somebody managed to handle different friend files in a reconstruction macro? And how?

It seems Alicia's method is not working for me (no idea why)

Thanks in advance.

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