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Subject: Re: new FTF generator in pandaroot  
Posted by [Aida Galoyan](#) on Fri, 05 Sep 2014 13:29:54 GMT  
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Hello Anastaciya,

> Did somebody else try it with apr13 external packages?

When I implemented FTF,  
I used apr13 external packages in linux cluster gsi : ica.hpc.gsi.de .  
SIMPATH is  
/cvmfs/fairroot.gsi.de/fairsoft/apr13

About errore

```
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Linking binary FTFGen ...  
/usr/bin/ld: tmp/main.o: undefined reference to symbol 'aTouchableHistoryAllocator'  
/usr/bin/ld: note: 'aTouchableHistoryAllocator' is defined in DSO  
/panda/fairroot/apr13Build/lib/libG4geometry.so so try adding it to the linker command line  
/panda/fairroot/apr13Build/lib/libG4geometry.so: could not read symbols: Invalid operation  
collect2: error: ld returned 1 exit status  
make: *** [FTFGen] Error 1  
-----
```

I think, if your linker requires to add  
"aTouchableHistoryAllocator" from libG4geometry.so,  
add in the file common.mk

-IG4geometry

in the line  
LDLIBS += \$(PANDALIBS) -L\$(GEANT4\_LIBRARY\_DIR) -IG4clhep -IG4global  
-IG4physicslists \$(GLIBS)

after -IG4clhep .

And, try to compile FTF.

If again you have problems, please, give command  
>echo \$GEANT4\_LIBRARY\_DIR

what "path" do you obtain?  
If you go to this "path", can you observe files: libG4clhep.so, libG4global.so,  
libG4physicslists.so ?

good luck,  
Aida

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