Subject: Issue during compilation of Gammaware
Posted by Damian Ralet on Thu, 17 Sep 2015 14:56:37 GMT

Hello,

I am trying to install the package from scratch. After compiling and installing adf, boost, skstream, femul without any problems, I tryed gammaware.
I got the following compilation error:

Building CXX object src/root/physics/CMakeFiles/GWPHYSICS.dir/Peak1D.cpp.o
 /home/ralet/Software/AgataSoftware/addons/gw/src/root/physics/Peak1D.cpp : In member function \u2018virtual TF1* Gw::Peak1D::SetSignalFunction(const TF1*)\u2019:
 /home/ralet/Software/AgataSoftware/addons/gw/src/root/physics/Peak1D.cpp :651:19: error: \u2018class TF1\u2019 has no member named \u2018Compile\u2019
      if (tmp->Compile()) {
                ^
 /home/ralet/Software/AgataSoftware/addons/gw/src/root/physics/Peak1D.cpp : In member function \u2018virtual TF1* Gw::Peak1D::SetBkgFunction(const TF1*)\u2019:
 /home/ralet/Software/AgataSoftware/addons/gw/src/root/physics/Peak1D.cpp :804:19: error: \u2018class TF1\u2019 has no member named \u2018Compile\u2019
      if (tmp->Compile()) {
                ^
 /home/ralet/Software/AgataSoftware/addons/gw/src/root/physics/Peak1D.cpp : In member function \u2018virtual TF1* Gw::Peak1D::SetBkgFunction(const char*)\u2019:
 /home/ralet/Software/AgataSoftware/addons/gw/src/root/physics/Peak1D.cpp :863:24: error: \u2018class TF1\u2019 has no member named \u2018Compile\u2019
      if (fBkgFunc->Compile()) {
                     ^
make[2]: *** [src/root/physics/CMakeFiles/GWPHYSICS.dir/Peak1D.cpp.o] Error 1
make[1]: *** [src/root/physics/CMakeFiles/GWPHYSICS.dir/all] Error 2
make: *** [all] Error 2
[compile] DONE

For information, I am using root 6.05/1 compiled from source with the python option.

Is there anyone that had the same issue?
Any idea?

Cheers,
Damian

Subject: Re: Issue during compilation of Gammaware
Posted by dudouet on Thu, 17 Sep 2015 14:58:14 GMT

Are you on ROOT6 ?

==> Oups, stupid question, I didn't read the end of your message....

Subject: Re: Issue during compilation of Gammaware
Posted by Damian Ralet on Fri, 18 Sep 2015 07:32:00 GMT
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yes. On root 6.

Subject: Re: Issue during compilation of Gammaware
Posted by dudouet on Fri, 18 Sep 2015 07:38:51 GMT
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This is why it crashed. The Compile method of the TF1 has been modified in the latest
versions of ROOT6 and we have to modify this class to take it into account. Olivier will try to do
this today. But in any case, if you need in the future to replay root trees from AGATA and
VAMOS, you will need to work on a ROOT5 environment. For the moment, the VAMOS
libraries are not compatible with ROOT6.

Subject: Re: Issue during compilation of Gammaware
Posted by Damian Ralet on Fri, 18 Sep 2015 07:40:50 GMT
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Oh... I see. This is a pity.
Thanks for the answer.