

Hi,

I just installed the dec13p1 external packages and the pandaroot trunk and there was a problem in EvtGen, due to a renaming of the Pythia8 directory inside the externals build directory (changed from pythia8 to Pythia8). Then includes in a few files do not work anymore. I'm not sure why the external package changed this name... In principle the name should be changed back inside fairsoft unless there is some reason behind it. Maybe a fairsoft person can comment on this.

The following 3 files are affected:

Index: pgenerators/EvtGen/EvtGen/R01-03-00/EvtGenExternal/EvtPythiaEngine.hh

```
=====
--- pgenerators/EvtGen/EvtGen/R01-03-00/EvtGenExternal/EvtPythiaEngine.hh (revision
25489)
+++ pgenerators/EvtGen/EvtGen/R01-03-00/EvtGenExternal/EvtPythiaEngine.hh (working
copy)
@@ -29,8 +29,8 @@
#include "EvtGenBase/EvtParticle.hh"
#include "EvtGenBase/EvtVector4R.hh"

-#include "pythia8/Pythia.h"
-#include "pythia8/ParticleData.h"
+#include "Pythia8/Pythia.h"
+#include "Pythia8/ParticleData.h"
```

```
#include <string>
#include <vector>
```

Index: pgenerators/EvtGen/EvtGen/R01-03-00/EvtGenExternal/EvtPythiaRandom.hh

```
=====
--- pgenerators/EvtGen/EvtGen/R01-03-00/EvtGenExternal/EvtPythiaRandom.hh (revision
25489)
+++ pgenerators/EvtGen/EvtGen/R01-03-00/EvtGenExternal/EvtPythiaRandom.hh (working
copy)
@@ -24,7 +24,7 @@

#include "EvtGenBase/EvtRandom.hh"

-#include "pythia8/Basics.h"
+#include "Pythia8/Basics.h"
```

```
class EvtPythiaRandom : public Pythia8::RndmEngine {
```

Index: pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenExternal/EvtPythiaEngine.c pp

```
=====
--- pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenExternal/EvtPythiaEngine.c
pp (revision 25489)
+++ pgenerators/EvtGen/EvtGen/R01-03-00/src/EvtGenExternal/EvtPythiaEngine.c
```

```
pp (working copy)
@@ -29,8 +29,6 @@
#include "EvtGenBase/EvtExtGeneratorCommandsTable.hh"
#include "EvtGenExternal/EvtPythia6CommandConverter.hh"
```

```
-#include "pythia8/Event.h"
```

```
-
```

```
#include <iostream>
```

```
#include <sstream>
```

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Subject: Re: dec13p1 fairsoft and evt-gen incompatible  
Posted by [Stefano Spataro](#) on Wed, 02 Jul 2014 12:08:10 GMT

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This we know. But dec13 has more serious problems.  
The solution is a symbolic link of pythia8 with Pythia8

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Subject: Re: dec13p1 fairsoft and evt-gen incompatible  
Posted by [Florian Uhlig](#) on Wed, 02 Jul 2014 14:10:55 GMT

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Hi,

the name was changed by the authors of the program. The new Root version only works with the new pythia8 version, so unfortunately you have to deal with both versions of the path name if you want to support old and new versions of the external packages.

Ciao

Florian

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Subject: Re: dec13p1 fairsoft and evt-gen incompatible  
Posted by [Stefano Spataro](#) on Wed, 02 Jul 2014 14:22:07 GMT

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Dear Florian,  
would it be possible to add in the configuration script something like:

```
cd $SIMPATH/include
ln -s Pythia8 pythia8
```

?

This should be enough.

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Subject: Re: dec13p1 fairsoft and evt-gen incompatible  
Posted by [Stefano Spataro](#) on Wed, 10 Sep 2014 10:39:42 GMT  
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However I fixed it.

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