
Subject: R3B classes unknown in root macro
Posted by [Ralf Plag](#) on Thu, 07 Jan 2016 13:02:04 GMT
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Hi Dima,

thanks for solving the compiler issue. Next problem:

The root interpreter doesn't know the R3B classes like R3BUcesbSource:

```
rplag@lxc0858:~/R3BRoot/macros/r3b/unpack/s438b$ root -l
root [0] .L unpack_ucesb.C
In file included from input_line_9:1:
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:36:2: error: unknown type name
'R3BUcesbSource'
    R3BUcesbSource* source = new R3BUcesbSource(filename, ntuple_options,
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:36:31: error: unknown type
name 'R3BUcesbSource'
    R3BUcesbSource* source = new R3BUcesbSource(filename, ntuple_options,
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:39:24: error: unknown type
name 'R3BUnpackReader'
    source->AddReader(new R3BUnpackReader(&ucesb_struct));
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:45:2: error: unknown type name
'FairRunOnline'
    FairRunOnline* run = new FairRunOnline(source);
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:45:27: error: unknown type
name 'FairRunOnline'
    FairRunOnline* run = new FairRunOnline(source);
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:51:2: error: unknown type name
'R3BAladinFieldMap'
    R3BAladinFieldMap* magField = new R3BAladinFieldMap("AladinMaps");
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:51:36: error: unknown type
name 'R3BAladinFieldMap'
    R3BAladinFieldMap* magField = new R3BAladinFieldMap("AladinMaps");
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:59:2: error: unknown type name
'R3BLandRawAna'
    R3BLandRawAna* ana = new R3BLandRawAna("LandRawAna", 1);
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:59:27: error: unknown type
name 'R3BLandRawAna'
    R3BLandRawAna* ana = new R3BLandRawAna("LandRawAna", 1);
    ^
/u/rplag/R3BRoot/macros/r3b/unpack/s438b/unpack_ucesb.C:65:2: error: use of undeclared
identifier 'FairLogger'
    FairLogger::GetLogger()->SetLogScreenLevel("INFO");
```

^

I tried to include("r3bucsbsource.h") but it doesn't even know the include path (and it needs to include files from many locations like even the ucesb hbook directory). So that can't be the option...

Cheers,
Ralf