
Subject: Problem with a symbol lookup

Posted by [Ralf Kliemt](#) on Tue, 04 Sep 2007 11:05:32 GMT

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Hi everybody.

I have a problem with my mvd code.

First of all: It Compiles.

When running the macro (calling the MvdRecoTask("Simple")) it crashes with

```
/data_hilbert/Software/fairroot/cbmsoft/tools/root/bin/root.exe: symbol lookup error:
/home/ralfk/Pandaroot/build/lib/libMvdReco.so: undefined symbol:
_ZN12MvdCalcStrip20CalcStripPointOnLineEdR8TVector2
```

This happens in the SimpleHitmaker.cxx, where I want to access the MvdCalcStrip::CalcStripPointOnLine() function. There is a similar calling with the MvdCalcFePixel and this works.

The thing is that I have the class MvdCalcStrip compiled into the library libMvd.so and my SimpleHitMaker is inside the libMvdReco.so. If I look inside the libraries I find this:

```
ralfk@pktw61:~/Pandaroot/pandaroot/macro/mvd/Ralf> nm ../../../../build/lib/libMvdReco.so |
grep _ZN12MvdCalcStrip20CalcStripPointOnLineEdR8TVector2
    U _ZN12MvdCalcStrip20CalcStripPointOnLineEdR8TVector2
ralfk@pktw61:~/Pandaroot/pandaroot/macro/mvd/Ralf> nm ../../../../build/lib/libMvd.so | grep
_ZN12MvdCalcStrip20CalcStripPointOnLineEdR8TVector2
0002ff20 T _ZN12MvdCalcStrip20CalcStripPointOnLineEdR8TVector2
```

It means the Function is undefined inside the LibMvdReco and it is there inside the LibMvd. I think there should be no Problem at all.

And I did load both libraries in the needed order.

Any Ideas?

Regards, Ralf.