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Subject: Failed to load libMVD.so

Posted by [donghee](#) on Tue, 13 Apr 2010 12:46:18 GMT

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Dear colleagues,

After updating pandaroot revision 8366,  
I have trouble to access libMVD, could not run any macros.

Quote:

```
dlopen error: /home/kang/GSI/buildpanda_new4/lib/libMvd.so: undefined symbol:
_ZTV14PndGeoHandling
```

```
Load Error: Failed to load Dynamic link library /home/kang/GSI/buildpanda_new4/lib/libMvd.so
(int)(-1)
```

```
*** Interpreter error recovered ***
```

MVD part was successfully installed

Quote:

Scanning dependencies of target Mvd

```
[ 43%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdContFact.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdPixelDigiPar.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdStripDigiPar.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdAccessRTDBTask.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdEventAna.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdMCEventAna.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdDigiEventAna.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdAllDataEventAna.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndGeoHitList.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndEventDisplay.o
[ 44%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdEventAnaTask.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdEventMerger.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdEventMergerTask.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdTools/PndMvdMSAnaTask.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdMC/PndMvdDetector.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdMC/PndMvdGeo.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdMC/PndMvdGeoPar.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdCalcTot.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdCalcFePixel.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdCalcPixel.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdCalcStrip.o
[ 45%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdDigiAna.o
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdHybridHitProducer.o
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdStripHitProducer.o
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdHitProducerIdeal.o
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdDigiTask.o
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDigi/PndMvdNoiseProducer.o
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdConvertApv.o
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdConvertApvTask.o
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdMapApv.o
[ 46%] Building CXX object
```

mvd/CMakeFiles/Mvd.dir/MvdDAQ/PndMvdCreateDefaultApvMap.o  
[ 46%] Building CXX object mvd/CMakeFiles/Mvd.dir/MvdDict.o  
Linking CXX shared library ../lib/libMvd.so  
[ 46%] Built target Mvd

Thanks,  
Donghee

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Subject: Re: Failed to load libMVD.so  
Posted by [Tobias Stockmanns](#) on Tue, 13 Apr 2010 14:11:49 GMT  
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Dear Donghee,

I have the same problem if I run macros in macro/pid. The problem is an old rootlogon.C file in this folder. Rename or remove it and it should work.

Cheers,

Tobias

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Subject: Re: Failed to load libMVD.so  
Posted by [Stefano Spataro](#) on Tue, 13 Apr 2010 14:20:02 GMT  
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Hi,  
probably are you are not using the proper rootlogon.C.  
Please try to use the one in gconfig/root, which should work. Maybe in your macro folder you have still an old version.  
Please let us know if it will work or not.

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Subject: Re: Failed to load libMVD.so  
Posted by [donghee](#) on Tue, 13 Apr 2010 18:45:31 GMT  
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Dear colleagues,

With replacing the rootlogon.C, everything looks fine.  
Thanks,  
Donghee

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