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Subject: Using Slither with Anaconda

Posted by [eric.p.kerby](#) on Thu, 26 Feb 2015 08:03:24 GMT

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I am on a Linux system using an install of Anaconda Python 2.7 with Slither in IDL 8.x. After installing the Slither DLM, without any other changes, I get the following error when attempting the first Python module import:

```
IDL> random=pyimport("random")
% PYIMPORT: Error loading sharable executable.
      Symbol: IDL_Load, File = /usr/local/exelis/idl83/bin/bin.linux.x86_64/Slither.so
      libpython2.7.so.1.0: cannot open shared object file: No such file or directory
% Execution halted at: $MAIN$
```

I can resolve this by first exporting the location of the Anaconda libpython2.7.so.1.0 library to LD\_LIBRARY\_PATH in my shell before launching IDL:  
export LD\_LIBRARY\_PATH=/path/to/anaconda/lib

I would like to remove this requirement so all developers/users do not have to modify their profiles to export an LD\_LIBRARY\_PATH. I tried using SETENV after launching IDL to set the same environment variable, however this did not fix the issue. For some reason, the DLM Slither loading of the Python library only respects LD\_LIBRARY\_PATH if it was exported prior to launching IDL.

Has anyone else encountered this issue or have suggestions?

Thanks,  
Eric

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