Subject: Re: Error in IDL-Python Bridge
Posted by chris_torrence@NOSPAM on Tue, 08 Sep 2015 15:20:54 GMT

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On Monday, September 7, 2015 at 7:17:13 PM UTC-6, Paulo Penteado wrote:
> On Sunday, September 6, 2015 at 9:02:04 PM UTC-3, chu xiangning wrote:
>>   plt = Python.Import('matplotlib.pyplot')
>>   Error:
>>   % PYTHON_IMPORT: Exception: No module named PySide.
>>   % Execution halted at: $MAIN$
>>
>>   I don't have problems running "ran = Python.Import('numpy.random')".
>>   I don't have problem running in ipython "import matplotlib.pyplot".
>>
>
> I have seen this exact problem when using a current Anaconda Python, both with Python 2.7
and 3.4. This seems to happen because PySide was dropped in recent versions of Anaconda:
>
> "Version 2.0 reduces the size of the installers, adds installers for Python 3.4, updates over 40
packages, and moves from PySide to PyQt"
> http://continuum.io/blog/anaconda-2-released
>
> In the case of Anaconda Python 2.7, I can solve it with its installer:
>
> conda install pyside
>
> In the case of Anaconda's Python 3.4, PySide does not seem to be in their repository, so I
installed it with pip:
>
> pip install pyside
>
> However, this still does not fix, for me, all the problems with using matplotlib from IDL. What I
get next is
>
> IDL> plt = Python.Import('matplotlib.pyplot')
> % Loaded DLM: PYTHON27.
> % PYTHON_IMPORT: Exception: /usr/local/exelis/idl85/bin/bin.linux.x86_64/idl: undefined
symbol:
>   Py_DecRef.
>
> I still did not have a chance to look further into this.

Hi Paulo,

That sounds like a path issue, either with $PATH or $LD_LIBRARY_PATH. That Py_DecRef is
part of the C API for Python, and should be found within the python27.so.

Best of luck!

-Chris