## Subject: Re: Error in IDL-Python Bridge
Posted by penteado on Tue, 08 Sep 2015 01:17:09 GMT

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.