Subject: Re: New free DLL for calling Python from IDL!
Posted by yuxipang on Tue, 15 Apr 2014 19:53:01 GMT
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Hi Helder,

I can run the codes (see below) provided by Chris Torrence on my OS64 Win7 laptop. I put the Slither.DLL and Slither.DLM in a separate directory on the IDL path, and added the following lines in the startup.pro file (based on suggestions from Ronn Kline's ebook).

PREF_SET, 'IDL_DLM_PATH', 'C:\WorkSpace\IDL\Slither\python33; <IDL_DEFAULT>', /COMMIT

When I put slither DLL/DLM files in the directory of C:\Program Files\Exelis\IDL83\bin\bin.x86_64\, it did not work for me.

The standard Python 3.3.3 and its extension packages (matplotlib, numpy and others)were downloaded from following sites ...
https://www.python.org/downloads/
http://www.lfd.uci.edu/~gohlke/pythonlibs/

```
=======================================
 plt = pyimport("matplotlib.pyplot")
  sizes = [15,30,45,10]
  labels = ['Frogs', 'Hogs', 'Dogs', 'Logs']
  colors = ['yellowgreen', 'gold', 'lightskyblue', 'lightcoral']
  explode = [0, 0.1, 0, 0]
  p = plt.pie(sizes, explode=explode, labels=labels, colors=colors, $
    autopct='%1.1f%%', shadow=1, startangle=90)
  void = plt.axis('equal')
  void = plt.show(block=1)  ; block=0 used by Chris
======================================
IDL> !VERSION
{
    ARCH: "x86_64",
    OS: "Win32",
    OS_FAMILY: "Windows",
    OS_NAME: "Microsoft Windows",
    RELEASE: "8.3",
    BUILD_DATE: "Nov 15 2013",
    MEMORY_BITS: 64,
    FILE_OFFSET_BITS: 64
}
======================================
```

Hope this helps, if you have any additional questions, please send me an email.

Yuxi