
Subject: IDL to python bridge Library not loaded: libidl.8.5.dylib

Posted by [joe.llama](#) on Tue, 03 May 2016 09:44:07 GMT

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Can anyone help me with this? I'm trying to get the IDL-python bridge up and running on my Mac (10.11.4). I have idl 8.5 and python 2.7 from anaconda (installed yesterday).

I've exported the following paths

```
export PATH="/Users/joellama/anaconda/bin:/Applications/exelis/idl/bin/bin.darwin.x86_64:$PATH "
DYLD_LIBRARY_PATH="/System/Library/Frameworks/ImageIO.framework/Resources "
DYLD_LIBRARY_PATH="$DYLD_LIBRARY_PATH:/Users/joellama/anaconda/lib "
DYLD_LIBRARY_PATH="$DYLD_LIBRARY_PATH:/usr/lib"
DYLD_LIBRARY_PATH="$DYLD_LIBRARY_PATH:/Applications/exelis/idl85/bin/bin.darwin.x86_64 "
export DYLD_LIBRARY_PATH
export LD_LIBRARY_PATH="/Users/joellama/anaconda/lib:/Applications/exelis/idl/bin/bin.darwin.x86_64 "
export PYTHONHOME="/Users/joellama/anaconda"
PYTHONPATH="$PYTHONPATH:/Applications/exelis/idl85/bin/bin.darwin.x86_64 "
PYTHONPATH="$PYTHONPATH:/Applications/exelis/idl85/lib/bridges "
export PYTHONPATH
```

and if I run IDL and type

```
ran = Python.Import('numpy.random')
```

I get

```
% Loaded DLM: PYTHON27.
```

```
ImportError: numpy.core.multiarray failed to import
```

```
% PYTHON_IMPORT: Exception: cannot import name multiarray.
```

```
% Execution halted at: $MAIN$
```

and if I run ipython and type

```
import idlpy as IDL
```

I get

```
ImportError                                Traceback (most recent call last)
```

```
<ipython-input-1-2e8893d7bd77> in <module>()
```

```
----> 1 import idlpy as IDL
```

```
/Applications/exelis/idl85/lib/bridges/idlpy.py in <module>()
```

```
17 # Dynamically construct the library name from the Python major.minor version.
```

```
18 idllibrary = "pythonidl" + str(sys.version_info[0]) + str(sys.version_info[1])
```

```
---> 19 pyidl = __import__(idllibrary)
```

20

21

ImportError: dlopen(/Applications/exelis/idl85/bin/bin.darwin.x86_64/pyth onidl27.so, 2): Library not loaded: libidl.8.5.dylib

Referenced from: /Applications/exelis/idl85/bin/bin.darwin.x86_64/pythonidl27 .so

Reason: image not found

I checked and /Applications/exelis/idl85/bin/bin.darwin.x86_64/pythonidl27 .so and /Applications/exelis/idl85/bin/bin.darwin.x86_64/libidl.8.5. dylib

both exist. Any help would be greatly appreciated!

Subject: IDL to python bridge Library not loaded: libidl.8.5.dylib

Posted by [guygma](#) on Thu, 09 Jun 2016 22:17:33 GMT

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I get same issue but with homebrew install if python on both 2.7 and 3.4 (adjusted the environment variables accordingly). Have you tried reaching out to Excelis?

Subject: Re: IDL to python bridge Library not loaded: libidl.8.5.dylib

Posted by [tianhuachengyue](#) on Sun, 28 May 2017 22:47:04 GMT

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On Tuesday, May 3, 2016 at 2:44:09 AM UTC-7, joe....@lowell.edu wrote:

> Can anyone help me with this? I'm trying to get the IDL-python bridge up and running on my Mac (10.11.4). I have idl 8.5 and python 2.7 from anaconda (installed yesterday).

>

> I've exported the following paths

> export PATH="/Users/joellama/anaconda/bin:/Applications/exelis/idl/bin/bin.darwin.x86_64:\$PATH "

> DYLD_LIBRARY_PATH="/System/Library/Frameworks/ImagelO.framework/Resources "

> DYLD_LIBRARY_PATH="\$DYLD_LIBRARY_PATH:/Users/joellama/anaconda/lib "

> DYLD_LIBRARY_PATH="\$DYLD_LIBRARY_PATH:/usr/lib"

> DYLD_LIBRARY_PATH="\$DYLD_LIBRARY_PATH:/Applications/exelis/idl85/bin/bin.darwin.x86_64 "

> export DYLD_LIBRARY_PATH

> export LD_LIBRARY_PATH="/Users/joellama/anaconda/lib:/Applications/exelis/idl/bin/bin.darwin.x86_64 "

> export PYTHONHOME="/Users/joellama/anaconda"

> PYTHONPATH="\$PYTHONPATH:/Applications/exelis/idl85/bin/bin.darwin.x86_64 "

> PYTHONPATH="\$PYTHONPATH:/Applications/exelis/idl85/lib/bridges "

> export PYTHONPATH

>

>

```

> and if I run IDL and type
>
> ran = Python.Import('numpy.random')
>
> I get
> % Loaded DLM: PYTHON27.
> ImportError: numpy.core.multiarray failed to import
> % PYTHON_IMPORT: Exception: cannot import name multiarray.
> % Execution halted at: $MAIN$
>
> and if I run ipython and type
>
> import idlpy as IDL
>
> I get
>
> ImportError                                Traceback (most recent call last)
> <ipython-input-1-2e8893d7bd77> in <module>()
> ----> 1 import idlpy as IDL
>
> /Applications/exelis/idl85/lib/bridges/idlpy.py in <module>()
>     17 # Dynamically construct the library name from the Python major.minor version.
>     18 idllibrary = "pythonidl" + str(sys.version_info[0]) + str(sys.version_info[1])
> ---> 19 pyidl = __import__(idllibrary)
>     20
>     21
>
> ImportError: dlopen(/Applications/exelis/idl85/bin/bin.darwin.x86_64/pythonidl27.so, 2): Library
not loaded: libidl.8.5.dylib
> Referenced from: /Applications/exelis/idl85/bin/bin.darwin.x86_64/pythonidl27 .so
> Reason: image not found
>
> I checked and /Applications/exelis/idl85/bin/bin.darwin.x86_64/pythonidl27 .so and
> /Applications/exelis/idl85/bin/bin.darwin.x86_64/libidl.8.5. dylib
>
> both exist. Any help would be greatly appreciated!

```

Hello there,

I tried to set up the IDL-python bridge on my mac and I got the same error (I installed IDL 8.5.1 and python is pre-installed on my macOS Sierra 10.12.2). When I typed

```
np = Python.Import('numpy')
```

The error messaged popped out as:

```
% DLM_LOAD: Error loading sharable executable.
Symbol: IDL_Load, File = /Applications/exelis/idl85/bin/bin.darwin.x86_64/idl_python2
7.so
```

dlopen(/Applications/exelis/idl85/bin/bin.darwin.x86_64/idl_python27.so, 1): Library not loaded: libpython2.7.dylib
Referenced from: /Applications/exelis/idl85/bin/bin.darwin.x86_64/idl_python2 7.so
Reason: image not found

It looks like you also ran into the libpython2.7 dylib Library not loaded issue. I was wondering if you have fixed that.

Cheers,
Huazeng

Subject: Re: IDL to python bridge Library not loaded: libidl.8.5.dylib
Posted by [tianhuachengyue](#) on Sun, 28 May 2017 22:49:31 GMT
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On Thursday, June 9, 2016 at 3:17:35 PM UTC-7, guy...@gmail.com wrote:
> I get same issue but with homebrew install if python on both 2.7 and 3.4 (adjusted the environment variables accordingly). Have you tried reaching out to Excelis?

Hi,
I ran into the same issue for python 2.7 (pre-installed on macOS 10.12.2):

libpython2.7 dylib Library not loaded

Have you already fixed it?

Cheers,
Huazeng
