
Subject: curl error with IDL 8.5

Posted by [allisonjaynes](#) on Thu, 30 Mar 2017 19:00:44 GMT

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After upgrading from 8.2 to 8.5, I'm now getting a strange error when spawning a curl command. Have tried uninstalling and reinstalling curl, and setting my path to point to where it should. I'm running OS 10.8 currently. Just curious: anyone else having this problem? I figured that tons of people use curl in IDL, but perhaps not?

[macd2591:~] alja2778% idl

IDL Version 8.5.1, Mac OS X (darwin x86_64 m64).

(c) 2015, Exelis Visual Information Solutions, Inc., a subsidiary of Harris Corporation.

Installation number: 100-550.

Licensed for use by: University of Colorado

IDL> spawn, 'curl google.com'

dyld: Library not loaded: /opt/local/lib/libcurl.4.dylib

Referenced from: /opt/local/bin/curl

Reason: Incompatible library version: curl requires version 9.0.0 or later, but libcurl.4.dylib provides version 8.0.0

Trace/BPT trap

Same command works fine on my laptop running IDL 8.4. Any ideas?

Subject: Re: curl error with IDL 8.5

Posted by [Matthew Argall](#) on Fri, 31 Mar 2017 13:46:52 GMT

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I have IDL 8.5.1 on linux and do not have this problem.

IDL> help, !version

** Structure !VERSION, 8 tags, length=104, data length=100:

ARCH STRING 'x86_64'

OS STRING 'linux'

OS_FAMILY STRING 'unix'

OS_NAME STRING 'linux'

RELEASE STRING '8.5.1'

BUILD_DATE STRING 'Nov 14 2015'

MEMORY_BITS INT 64

FILE_OFFSET_BITS
 INT 64

IDL>

IDL>

IDL> spawn, 'curl google.com'

```
<HTML><HEAD><meta http-equiv="content-type" content="text/html; charset=utf-8">
<TITLE>301 Moved</TITLE></HEAD><BODY>
<H1>301 Moved</H1>
The document has moved
<A HREF="http://www.google.com/">here</A>.
</BODY></HTML>
```

Subject: Re: curl error with IDL 8.5

Posted by [chris_torrence@NOSPAM](#) on Fri, 31 Mar 2017 16:35:07 GMT

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On Thursday, March 30, 2017 at 1:00:48 PM UTC-6, allison jaynes wrote:

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command. Have tried uninstalling and reinstalling curl, and setting my path to point to where it
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provides version 8.0.0

> Trace/BPT trap

>

>

> Same command works fine on my laptop running IDL 8.4. Any ideas?

Hi Allison,

Check your DYLD_LIBRARY_PATH and see if it is pointing to somewhere that might cause
problems:

```
IDL> getenv('DYLD_LIBRARY_PATH')
```

```
/Applications/harris/idl86/bin/bin.darwin.x86_64
```

Cheers,
Chris

Subject: Re: curl error with IDL 8.5
Posted by [allisonjaynes](#) on Mon, 03 Apr 2017 16:45:50 GMT
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Here's my path:
/Applications/exelis/idl85/bin/bin.darwin.x86_64

Looks fine to me. I'm not sure if this is an IDL-only issue or something to do with the combination of IDL and OSX.

Subject: Re: curl error with IDL 8.5
Posted by [chris_torrence@NOSPAM](#) on Wed, 05 Apr 2017 03:53:47 GMT
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On Monday, April 3, 2017 at 10:45:53 AM UTC-6, allison jaynes wrote:

> Here's my path:
> /Applications/exelis/idl85/bin/bin.darwin.x86_64
>
> Looks fine to me. I'm not sure if this is an IDL-only issue or something to do with the combination of IDL and OSX.

Hmmm, I think I have an idea. IDL 8.5 is only supported on OSX 10.9 and 10.10, not 10.8. I bet that the version of curl on OSX 10.8 is too old.

So I think your options are either upgrade OSX to a newer version, or downgrade your IDL to 8.4.

-Chris

Subject: Re: curl error with IDL 8.5
Posted by [Markus Schmassmann](#) on Wed, 05 Apr 2017 09:42:40 GMT
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On 03/30/2017 09:00 PM, allison jaynes wrote:

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> when spawning a curl command. Have tried uninstalling and reinstalling curl,
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have you tried using curl outside IDL?

[macd2591:~] alja2778% curl google.com

Does that give you the same problem?
If so, the problem has nothing to do with IDL.

If you can't get it to work with CURL, and don't need the options curl provides, you might try WGET.

<https://www.gnu.org/software/wget/manual/wget.html>
<https://daniel.haxx.se/docs/curl-vs-wget.html>

Subject: Re: curl error with IDL 8.5
Posted by [chris_torrence@NOSPAM](#) on Fri, 07 Apr 2017 01:20:05 GMT
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On Wednesday, April 5, 2017 at 3:42:46 AM UTC-6, Markus Schmassmann wrote:

> On 03/30/2017 09:00 PM, allison jaynes wrote:
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>> when spawning a curl command. Have tried uninstalling and reinstalling curl,
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> <https://daniel.haxx.se/docs/curl-vs-wget.html>

Funny thing is that we just added WGET to IDL 8.5, but it uses IDLnetURL which of course requires curl.

-Chris

Subject: Re: curl error with IDL 8.5
Posted by [allisonjaynes](#) on Mon, 10 Apr 2017 18:30:20 GMT
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Yes, I've tried outside of IDL. Should have mentioned that it works fine through a Terminal instance. IDL is definitely the problem, but now seems like a combination of IDL and OSX. Darn.
