
Subject: Re: IDL v8 not recognizing bash environment variable
Posted by [Michael Galloy](#) on Wed, 27 Apr 2011 20:02:20 GMT
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On 4/27/11 11:57 AM, Barry Lesht wrote:

> Not sure I'm expressing this correctly in the subject line - this is
> my problem: I have a code that ran fine under IDL7 that included the
> line "sta_list = READ_ASCII("\$SEADAS/local/stationfile.txt,"
> TEMPLATE=stationtemplate). I just tried running the same code under
> IDL8 and now get the error message
>
> % READ_ASCII: File "\$SEADAS/local/stationfile.txt" not found.
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> The file is most definitely where it should be. After doing some
> experimenting, it seems IDL8 isn't getting any value for the \$SEADAS
> variable.
>
> I hope someone can explain to me why not and how to fix it?
>
> Thanks.

Check the value of the SEADAS environment variable with the GETENV
routine. Everything seems fine for me:

```
$ export MIKE=Hello  
$ idl
```

```
IDL Version 8.0.1, Mac OS X (darwin x86_64 m64). (c) 2010, ITT Visual  
Information Solutions  
Installation number: 209577.  
Licensed for use by: Tech-X Corporation
```

```
IDL> print, getenv('MIKE')  
Hello
```

Mike

--

www.michaelgalloy.com
Research Mathematician
Tech-X Corporation

Subject: Re: IDL v8 not recognizing bash environment variable
Posted by [BLesht](#) on Wed, 27 Apr 2011 21:14:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

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```

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IDL> PRINT, getenv('SEADAS')
/Volumes/1TBSATDATA/sw/seadas6.2
IDL>
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which is correct. However, I was working from within the IDL development environment (MacOS10.6.7) and this is the result there:

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```

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```

```
IDL>
```

which isn't correct. I may need to add something (not sure what) to a start-up script somewhere.

Barry

Subject: Re: IDL v8 not recognizing bash environment variable

On 4/27/11 3:14 PM, Barry Lesht wrote:

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> start-up script somewhere.

You could add a line in your startup file to add this. For example, if you don't already have a startup file, create a file, say my_startup.pro, with something like:

```
setenv, 'SEADAS=/Volumes/1TBSATDATA/sw/seadas6.2'
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If you don't already have a startup file, then you will need to do:

```
IDL> pref_set, 'IDL_STARTUP', '/path/to/my_startup.pro', /commit
```

This will tell IDL to execute the commands in the startup file every time IDL launches (from either the command line or the Workbench).

Mike

--

www.michaelgalloy.com

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Tech-X Corporation

Subject: Re: IDL v8 not recognizing bash environment variable
Posted by [Michael Galloy](#) on Wed, 27 Apr 2011 21:37:01 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 4/27/11 3:14 PM, Barry Lesht wrote:

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Mike

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Tech-X Corporation

Subject: Re: IDL v8 not recognizing bash environment variable
Posted by [BLesht](#) on Fri, 29 Apr 2011 03:22:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Apr 27, 4:37 pm, Michael Galloy <mgal...@gmail.com> wrote:

> On 4/27/11 3:14 PM, Barry Lesht wrote:

>
>
>
>
>
>

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>

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>>> Mike

>>> --www.michaelgalloy.com

>>> Research Mathematician

>>> Tech-X Corporation

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```

Thank you, Mike. Any idea why my original code worked under IDL7 and does not under IDL8? I appreciate your help. Barry

Subject: Re: IDL v8 not recognizing bash environment variable
 Posted by [Michael Galloy](#) on Sat, 30 Apr 2011 03:38:37 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 4/28/11 9:22 PM, Barry Lesht wrote:

```

> On Apr 27, 4:37 pm, Michael Galloy<mgal...@gmail.com> wrote:

```

```

>> On 4/27/11 3:14 PM, Barry Lesht wrote:

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>
> Thank you, Mike. Any idea why my original code worked under IDL7 and
> does not under IDL8? I appreciate your help. Barry
```

I don't use the Workbench, I'm not sure why it wouldn't pick up environment variables. ITT VIS did change the way the processes for the Workbench and IDL were managed in IDL 8.0, so maybe that could be responsible?

Mike

--

Michael Galloy
www.michaelgalloy.com
Modern IDL, A Guide to Learning IDL: <http://modernidl.idldev.com>
Research Mathematician
Tech-X Corporation

Subject: Re: IDL v8 not recognizing bash environment variable
Posted by [R.Bauer](#) on Tue, 03 May 2011 10:20:11 GMT
[View Forum Message](#) <> [Reply to Message](#)

Am 27.04.2011 19:57, schrieb Barry Lesht:

```
> Not sure I'm expressing this correctly in the subject line - this is
> my problem: I have a code that ran fine under IDL7 that included the
> line "sta_list = READ_ASCII("$SEADAS/local/stationfile.txt,"
> TEMPLATE=stationtemplate). I just tried running the same code under
> IDL8 and now get the error message
```

I tried with idl7.1

```
IDL> print,"$HOME"
```

and it just tells:
\$HOME

I don't remember that it ever worked without using getenv function.

Reimar

>
> % READ_ASCII: File "\$SEADAS/local/stationfile.txt" not found.
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> The file is most definitely where it should be. After doing some
> experimenting, it seems IDL8 isn't getting any value for the \$SEADAS
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Subject: Re: IDL v8 not recognizing bash environment variable
Posted by [Craig Markwardt](#) on Tue, 03 May 2011 13:11:49 GMT
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On May 3, 6:20 am, Reimar Bauer <R.Ba...@fz-juelich.de> wrote:
> Am 27.04.2011 19:57, schrieb Barry Lesht:
>
>> Not sure I'm expressing this correctly in the subject line - this is
>> my problem: I have a code that ran fine under IDL7 that included the
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Careful. You tested the PRINT command, and I agree that "it" never automatically retrieved environment variables.

On the other hand, OPEN has always expanded shell variables, for as long as I have known. And my experience is that shell variable expansion by OPEN still works within IDL 8.1.

Craig

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Subject: Re: IDL v8 not recognizing bash environment variable
Posted by [R.Bauer](#) on Tue, 03 May 2011 15:26:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

Am 03.05.2011 15:11, schrieb Craig Markwardt:
> On May 3, 6:20 am, Reimar Bauer <R.Ba...@fz-juelich.de> wrote:
>> Am 27.04.2011 19:57, schrieb Barry Lesht:
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>
> Craig
>
>

Oh yes, that works!

Reimar

```
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