Subject: Re: IDL v8 not recognizing bash environment variable Posted by BLesht on Fri, 29 Apr 2011 03:22:52 GMT

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On Apr 27, 4:37 pm, Michael Galloy <mgal...@gmail.com> wrote:
> On 4/27/11 3:14 PM, Barry Lesht wrote:
>
>
>
>
>
>>> 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
>
>> Thanks, Mike. I think your suggestion narrows down the problem. When
>> I invoke IDL from a shell session, like you did, I get the following:
>
>> bash-3.2$ idl
>> IDL Version 8.0.1, Mac OS X (darwin x86_64 m64). (c) 2010, ITT Visual
>> Information Solutions
>> Installation number: 230343.
>> Licensed for use by: Computer Sciences Corporation
>
>> IDL> PRINT, getenv('SEADAS')
>> /Volumes/1TBSATDATA/sw/seadas6.2
>> IDL>
>> which is correct. However, I was working from within the IDL
>> development environment (MacOS10.6.7) and this is the result there:
>
>> IDL Version 8.0.1, Mac OS X (darwin x86_64 m64). (c) 2010, ITT Visual
>> Information Solutions
>> Installation number: 230343.
```

```
>> Licensed for use by: Computer Sciences Corporation
>> IDL> PRINT, getenv('SEADAS')
>> IDL>
>> which isn't correct. I may need to add something (not sure what) to a
>> 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'
>
>
  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
> Modern IDL, A Guide to Learning IDL: modernidl.idldev.com
> Research Mathematician
> Tech-X Corporation
```

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