Subject: Possible problem with GDL environment variables under Fedora 5

Posted by idlwizard-1@yahoo.com on Sun, 09 Apr 2006 16:43:17 GMT

I loaded Fedora Core 5 (the AMD 64 bit version, if that matters). I used the built in

  Application->Add/Remove Software

to find and load GDL. Nice! I rebooted, then started GDL using the gdl command.

I see:

  For basic information type HELP,/INFO
  'GDL_STARTUP'/'IDL_STARTUP' environment variables both not set.
  No startup file read.
  GDL> % Interrupt encountered.
  GDL>

This suggests something is wrong. So does the fact that !path is empty.

Can anyone suggest how one should set environment variables? Or is the fedora 5 package faulty? (No reference intended to the recent FL release.)

I'm not sure if this helps, but if I execute:

  gdlib-config

I get:

  Print information on GD library's version, configuration, and use.
  Usage: gdlib-config [options]
  Options:
      --libdir   # directory where GD library is installed
      --includedir   # directory where GD library headers are
installed
      --version   # complete GD library version string
      --majorversion   # GD library major version number
      --minorversion   # GD library minor version number
      --revision   # GD library revision version number
      --ldflags   # options required for linking against GD
library
      --libs   # libs required for linking against GD
library
      --cflags   # options required for compiling GD library
apps

```
    --includes       # same as --cflags
    --features       # lists optional features compiled into gd,
separated
                 # by spaces. Currently (as of 2.0.26) the
optional
                 # features are GD_PNG, GD_JPEG, GD_XPM, and
                 # GD_FREETYPE. When these features are
reported by
                 # --features, it is safe to include calls to
the
                 # related functions in your code.
    --all         # print a summary of all GD library configure
options
```

So I tried

```
  gdlib-config --all
```

and got

```
  GD library  2.0.33
  includedir: /usr/include
  cflags:    -I/usr/include
  ldflags:      -L/usr/lib64  -L/usr/lib64
  libs:     -lXpm -lX11 -ljpeg -lfontconfig -lfreetype -lpng12 -lz
-lm
  libdir:    /usr/lib64
  features:   GD_XPM GD_JPEG GD_FONTCONFIG GD_FREETYPE GD_PNG GD_GIF
```

Subject: Re: Possible problem with GDL environment variables under Fedora 5
Posted by Joel Gales on Fri, 14 Apr 2006 01:00:24 GMT
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mitch grunes wrote:
> No, those two things weren't enough. I still get
>
>   'GDL_STARTUP'/'IDL_STARTUP' environment variables both not set.
>   No startup file read.
>
> I also tried
>   csh
>   set IDL_STARTUP /home/myself/src
>   set GDL_STARTUP /home/myself/src
>
> (where /home/myself/src is the equivalent of your ~/idl_code) and got
> the same error.
>

> But
>
>   csh
>   setenv IDL_STARTUP /home/myself/src
>   setenv GDL_STARTUP /home/myself/src
>
> and that got rid of the error.
>
> (I don't know enough about bash to do the equivalent in bash.)
>
In bash:

  export IDL_STARTUP=/home/myself/src
  export GDL_STARTUP=/home/myself/src

Joel

Subject: Re: Possible problem with GDL environment variables under Fedora 5
Posted by cgguido on Fri, 14 Apr 2006 14:21:18 GMT

Joel is correct, I messed up the bash syntax. sorry...

Gianguido