
Subject: Re: Coyote graphics and GDL 0.9.2 (problem)
Posted by [wlandsman](#) on Sat, 24 Mar 2012 23:30:27 GMT
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On Saturday, March 24, 2012 6:49:07 PM UTC-4, Armando B. wrote:

> Hello,
>
> does GDL-0.9.2 support Coyote IDL libraries?
>

The short answer is not completely. GDL doesn't yet support CATCH for example.

However, some of the incompatibilities are easily fixable.

Line 164 of cgerase.pro has the call

ERASE, Color=thisColor

and the Color keyword is not yet implemented in GDL. However, GDL does recognize the Color (background) value when supplied as a parameter. So, change the line above to

ERASE, thiscolor

and you will see your plot. --Wayne

Subject: Re: Coyote graphics and GDL 0.9.2 (problem)
Posted by [David Fanning](#) on Sat, 24 Mar 2012 23:49:09 GMT
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Armando B. writes:

> does GDL-0.9.2 support Coyote IDL libraries?
>
> When I type for example:
>
> GDL> cgplot,indgen(10)
>
> terminal reports me this error:
>
> Compiled module: CGPLOT.
> % CATCH: feature not implemented yet (FIXME!).
> % Compiled module: SETDECOMPOSEDSTATE.
> % Compiled module: DECOMPOSEDCOLOR.
> % Compiled module: CGDEFAULTCOLOR.
> % Compiled module: COLORSAREIDENTICAL.
> % Compiled module: CGDEFCHARSIZE.
> % Compiled module: CGDISPLAY.
> % Compiled module: CGQUERY.

```
> % Compiled module: CGERASE.
> % Compiled module: CGCOLOR.
> % Compiled module: STRSPLIT.
> % Compiled module: UNIQ.
> % Compiled module: CGSNAPSHOT.
> % ERASE: Keyword parameters not allowed in call.
> % Execution halted at: CGERASE      164 /home/nando/gdl
0.9.2/src/pro/coyote/cgerase.pro
> %          CGDISPLAY      226 /home/nando/gdl-0.9.2/src/pro/coyote/cgdisplay.pro
> %          CGPLOT        567 /home/nando/gdl-0.9.2/src/pro/coyote/cgplot.pro
> %          $MAIN$
>
> What's wrong?
```

On line 164 of cgErase, you can try changing the ERASE command on the line from this:

```
ENDIF ELSE Erase, Color=thisColor
```

To this:

```
ENDIF ELSE Erase, thisColor
```

That might work better in your version of IDL. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Coyote graphics and GDL 0.9.2 (problem)
Posted by [David Fanning](#) on Sat, 24 Mar 2012 23:58:22 GMT
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David Fanning writes:

```
>
> Armando B. writes:
>
>> does GDL-0.9.2 support Coyote IDL libraries?
>>
>> When I type for example:
```

```

>>
>> GDL> cgplot,indgen(10)
>>
>> terminal reports me this error:
>>
>> Compiled module: CGPLOT.
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>> % Compiled module: CGDEFAULTCOLOR.
>> % Compiled module: COLORSAREIDENTICAL.
>> % Compiled module: CGDEFCHARSIZE.
>> % Compiled module: CGDISPLAY.
>> % Compiled module: CGQUERY.
>> % Compiled module: CGERASE.
>> % Compiled module: CGCOLOR.
>> % Compiled module: STRSPLIT.
>> % Compiled module: UNIQ.
>> % Compiled module: CGSNAPSHOT.
>> % ERASE: Keyword parameters not allowed in call.
>> % Execution halted at: CGERASE      164 /home/nando/gdl
0.9.2/src/pro/coyote/cgerase.pro
>> %          CGDISPLAY      226 /home/nando/gdl-0.9.2/src/pro/coyote/cgdisplay.pro
>> %          CGPLOT      567 /home/nando/gdl-0.9.2/src/pro/coyote/cgplot.pro
>> %          $MAIN$
>>
>> What's wrong?
>
> On line 164 of cgErase, you can try changing the ERASE
> command on the line from this:
>
>   ENDIF ELSE Erase, Color=thisColor
>
> To this:
>
>   ENDIF ELSE Erase, thisColor
>
> That might work better in your version of IDL. :-)
```

I just did a quick search for "ERASE, COLOR=" and changed all the ones I found. This should make things easier for GDL users. Update probably available early tomorrow.

Let me know if there is anything else like this that is easily changed.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Coyote graphics and GDL 0.9.2 (problem)
Posted by [Armando B.](#) on Sun, 25 Mar 2012 10:35:08 GMT
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```
>>  
>> ENDIF ELSE Erase, thisColor  
>>
```

Thanks for your answers! Now my "cgPlot" command works fine!
But all principal commands have many incompatibility-errors...
for example: cgOplot, cgSurface, cgLoadct...and more..

I will study all the differences of string-interpretation between GDL and IDL to fix most of *.pro files
:-)
