
Subject: Major Update to Coyote Library

Posted by [David Fanning](#) on Tue, 05 Nov 2013 17:59:09 GMT

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Folks,

Some of you have already discovered that there has been a major update to the Coyote Library this morning. I undertake these kinds of changes reluctantly, but this one I felt had to be done in front of a new book I am writing. Some of yours (and my!) favorite programs have been retired today in favor of other, renamed ones.

Rest assured that Coyote Library routines do not ever just "disappear". They are "retired" to a green pasture with plenty of water available. You can always find them. A zip file of all retired Coyote programs can be found here:

http://www.idlcoyote.com/programs/zip_files/retiredcoyotelibrary.zip

Simply extract the ones you need and add them to your Coyote Library. Your programs will work like they always worked. The only difference is that future updates are NEVER done on retired programs. If there were bugs yesterday in these programs, there will be bugs in the future.

Making changes to your programs is a pain in the ass. I know, because I've spent the past 24 hours making sure all the programs in the Catalyst and Coyote Libraries use the new programs. I apologize for making you do this (assuming you want to keep up with Coyote Library developments). If it makes you feel any better, I have a large body of work that needs to be changed, too. I make sure I *never* have retired Coyote routines on my IDL path, so this means I have to update my code as I run into problems, just like you. I feel for you. :-)

But, as I say, life doesn't always have to be pain and suffering. Put the retired routines on your IDL path and life will go on pretty much as it always has.

As an aid to updating your code, I have created a list of all the retired Coyote programs with a link to the current routines beside them. You can find the list here:

http://www.idlcoyote.com/misc_tips/retiredcoyote.php

As always, if you run into problems, let me know. Most problems are sorted out within an hour or so of me hearing about them. The major changes today are these:

Error_Message -> cgErrorMsg

PS_Start -> cgPS_Open
PS_End -> cgPS_Close
DecomposedColor -> cgGetColorState
GetDecomposedState -> cgGetColorState
SetDecomposedState -> cgSetColorState
PSConfig -> cgPS_Config

Cheers,

David

P.S. The GoogleCode repository where I keep the Coyote and Catalyst (and retired) Libraries is discontinuing downloads as of Jan 15th 2014. So, this is the last time I will upload zip files for downloads there. (The SVN repository itself will be unaffected.) Zip file downloads will continue to be available on my web page. And free downloads will also be available in the Software section of the Coyote Store later today.

<http://www.idlcoyote.com/coyotestore>

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: Major Update to Coyote Library
Posted by [David Fanning](#) on Tue, 05 Nov 2013 18:55:02 GMT
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David Fanning writes:

> Some of you have already discovered that there has been a major update
> to the Coyote Library this morning. I undertake these kinds of changes
> reluctantly, but this one I felt had to be done in front of a new book I
> am writing. Some of yours (and my!) favorite programs have been retired
> today in favor of other, renamed ones.

Despite great care, Coyote cannot be avoided. This is not yet ready for prime time. But, it will be shortly.

Cheers,

David

--

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Subject: Re: Major Update to Coyote Library
Posted by [John Correia](#) on Tue, 05 Nov 2013 19:07:00 GMT
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On 11/05/2013 12:59 PM, David Fanning wrote:

> Folks,
>
> Some of you have already discovered that there has been a major update
> to the Coyote Library this morning. I undertake these kinds of changes
> reluctantly, but this one I felt had to be done in front of a new book I
> am writing. Some of yours (and my!) favorite programs have been retired
> today in favor of other, renamed ones.
>
----- >8 -----

New book? Is this breaking news that you slipped in there or did I miss
an earlier announcement?

Regards,

John

Subject: Re: Major Update to Coyote Library
Posted by [David Fanning](#) on Tue, 05 Nov 2013 19:07:43 GMT
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David Fanning writes:

> Despite great care, Coyote cannot be avoided. This is not yet ready for
> prime time. But, it will be shortly.

I think it is OK now. Late at night, it is hard to find the Replace All
button. :-(

Cheers,

David

--

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Subject: Re: Major Update to Coyote Library
Posted by [David Fanning](#) on Tue, 05 Nov 2013 19:12:14 GMT
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John Correia writes:

> New book? Is this breaking news that you slipped in there or did I miss
> an earlier announcement?

Here is what I know. You should NEVER announce a new book until you have gotten to the point where you are sick of writing it. I'm a LONG way from there. But, I didn't want to put pen to paper with misnamed programs. :-)

Cheers,

David

--

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Subject: Re: Major Update to Coyote Library
Posted by [Fabzi](#) on Wed, 06 Nov 2013 15:03:56 GMT
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Hi David,

It just took me a couple of minutes to make the change and my tests seem to work fine, no problem.

What about FSCCleanUp7 and FSCCleanUp8? Wouldn't it make sense to separate the CG from all the others coyote routines, using sub-directories?

Cheers,

Fabien

Subject: Re: Major Update to Coyote Library

Posted by [David Fanning](#) on Wed, 06 Nov 2013 15:13:14 GMT

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Fabien writes:

- > It just took me a couple of minutes to make the change and my tests seem
- > to work fine, no problem.
- >
- > What about FSCCleanUp7 and FSCCleanUp8? Wouldn't it make sense to
- > separate the CG from all the others coyote routines, using sub-directories?

If you knew how much time I spend just getting a *single* coyote directory on people's IDL path, you wouldn't ask this question. :-)

Changing file names is a big deal for me, because I have to change the names on what seems like every page of my web page, too. I really don't like to do it unless it is absolutely necessary. I can see the advantage of including files like these in a "utility" sub-directory, since they are never called directly. But, I can also see the path problems piling up exponentially. I think I'll leave well enough alone.

Cheers,

David

--

David Fanning, Ph.D.

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