
Subject: Re: Coyote Library Updated

Posted by [Haje Korth](#) on Wed, 15 Jan 2014 12:55:49 GMT

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Hi David,
could you check the link for the zip file? I get an error clicking the link.

Thank you,
Haje

On Tuesday, January 14, 2014 5:34:36 PM UTC-5, David Fanning wrote:

> Folks,
>
>
>
> I updated several programs in the Coyote Library today to make it easier
>
> to compare output between Coyote Graphics routines and function graphics
>
> routines. Mostly this included changing the default font size very
>
> slightly in Coyote Graphics (when in PostScript) to match the function
>
> graphics font size. I also changed the algorithm I was using in
>
> cgPS2Raster to one that works correctly in all cases. It is simpler now
>
> and involves a second ImageMagick command. Doing it this way makes it
>
> much easier to create properly sized raster files from the encapsulated
>
> PostScript files created by function graphics routines. (Well, it would
>
> have, had the function graphics PostScript files not had bugs in them.
>
> I've since learned these have been corrected in IDL 8.3.) Just be sure
>
> to set the Portrait keyword (all encapsulated PostScript files are in
>
> portrait orientation) when you are using cgPS2Raster with PostScript
>
> files created with function graphics routines.
>
>
>
> window.save, 'myfile.ps'
>
> cgPS2Raster, 'myfile.ps', /PNG, Width=600, /Portrait

>
>
>
> You can find updated Coyote Library files here:
>
>
>
> http://www.idlcoyote.com/zip_files/coyoteprograms.zip
>
>
>
> GoogleCode, as of today, is no longer allowing downloads of zip files,
>
> so you can always find the latest files at the above location. They are
>
> also available in the Coyote Store as a free software download:
>
>
>
> <http://www.idlcoyote.com/coyotestore/>
>
>
>
> If you have an SVN client, you can continue to get Coyote Library
>
> routines from the GoogleCode repository. I continue to use this as the
>
> source of all my library routines.
>
>
>
> If you want to see an example of Coyote Graphics verses Function
>
> Graphics output, download the new Library and then visit the multiple
>
> axes plot example in the Coyote Plot Gallery:
>
>
>
> http://www.idlcoyote.com/gallery/index.html#ADDITIONAL_AXES_PLOT
>
>
>
> If anyone wants to contribute function graphics code to the plot
>
> gallery, please have at it. I'll do this as I can, but it is not my
>
> highest priority.

>
>
>
> Cheers,
>
>
>
> David
>
> --
>
> 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.")
