Oh, and lest I sound ungrateful, thanks very much for the code updates. :o)

cheers,

paulv

Paul van Delst wrote:
> Hello David,
>
> Are you generating new tags of the updates in your repository as you complete them? Or are you waiting for the early
> next year date?
>
> cheers,
>
> paulv
>
>
> David Fanning wrote:
>> Folks,
>>
>> As some of you have probably realized, I'm in the process
>> of completely refurbishing my Coyote Library. This is what
>> happens when you start writing a book. Explaining how
>> something works gives you a MUCH better idea of how
>> something *ought* to work!
>>
>> The work is on-going and probably won't be completely
>> finished until early next year. But I wanted to give
>> you a heads-up on a couple of notable changes today.
>>
>> I have made the TVScale command completely obsolete
>> by moving all the unique TVScale functionality over
>> to TVImage. This means you can scale images on the
>> fly with TVImage using the "normal" scaling keywords:
>> MinValue, MaxValue, Bottom, Top, and NColors.
>>
>> I particularly like the NCOLORS and BOTTOM keywords
>> together, because you can immediately scale image
>> data into, say, 12 colors like this:
>>
>>   IDL> LoadCT, 33, NColors=12, Bottom=1
>>   IDL> TVImage, image, NColors=12, Bottom=1

>>
>> Pretty neat. :-)
>>
>> There is also a conflict in IDL 8 with the old IDL
>> ARROW program, which is still in the IDL lib directory.
>> This conflicts with the ARROW function, which is in
>> the lib/graphics directory. If you want to use the
>> *old* ARROW program, you need to name it something
>> else. Since I was renaming it, and since I wanted to
>> add additional functionality to it, including making
>> it machine and color mode independent, I just decided
>> to do it right, so I've named this FSC_Arrow and put
>> it in the Coyote Library.
>>
>> Finally, I have replaced ZPLOT and ZIMAGE, which provide
>> interactive zooming into line plots and images,
>> respectively, with FSC_ZPlot and FSC_ZImage. These new
>> programs are device and color independent, and
>> FSC_ZImage now works with both 2D and True-Color images.
>> Plus, it works correctly with images that are very, very
>> large and wouldn't fit on your display.
>>
>> I've made other small changes to the new FSC_*** series
>> of programs to make sure color variables don't change
>> data type as a result of program manipulation.
>>
>> I appreciate the feedback from people who are using these
>> programs. They are getting pretty darn good, if I do say
>> so myself. :-)
>>
>> Cheers,
>>
>> David
>>