
Subject: Re: Catalyst Library Going Open Source
Posted by [David Fanning](#) on Tue, 14 Oct 2008 20:24:09 GMT
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David Fanning writes:

```
>> Whoa, buggy!!!  
>  
> Humm. You may be right about this. :-)  
>  
> I should have spent six hours on it, but it was 3AM.  
>  
>> Linear 2% is broken -- everything is black  
>  
> This is definitely broken. And I don't immediately see  
> why. But it is using XSTRETCH, a pretty reliable routine,  
> so that must be broken, too. I have my Gonzales and Woods  
> out and I'm looking into it.  
>  
>> 'Load Color Table' widget moves around if you select the Brewer/IDL  
>> colors button  
>  
> Whoa! That *definitely* didn't happen the last time I looked  
> at this, but it *is* happening now. Weird. I tried to finesse  
> a 2003 programming style into a 2008 program. I may have to go  
> back and do this the right way. :-(
```

OK, at least the obvious bugs are fixed. It is still not perfect, but I'm content to wave my hands at the rest of the darn things for the time being. I **really** have better things to do today.

I haven't yet tried this with massive images, but I do know the part of the code that selects the image value was written in 2003 and I do things **much** differently with the combination of TVImage and TVInfo (similar functionality). So it is possible I can speed up that algorithm considerably. I just don't have time to work on it anymore today, though.

The part that concerns me the most is the "flashing" while dragging complaint. I've had reported problems with this on Macs, but haven't been able to snag a Mac yet to see what the problem might be. My youngest is going on a road trip next week. Maybe I'll see if he can drop off his Mac before he leaves. I'm guessing I'll have to delete about 10000 movies to get that IDL workbench installed. :-(

Updated programs here:

<http://www.fanning.com/misc/catalyst.zip>

Cheers,

David

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David Fanning, Ph.D.

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

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