
Subject: Re: IDL w/ 12-bit grayscale?

Posted by [mchinand](#) on Mon, 03 Apr 2006 17:00:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <MPG.1e9add86555d222d989bef@news.frii.com>,
David Fanning <davidf@dfanning.com> wrote:

>
> TVSCL!? Doesn't that sort of defeat the whole
> purpose of having 12-bit values? I would have
> thought a TV of integer data, scaled into the
> range of 0 to 2¹² (4096) would be something your
> 12-bit hardware would like.

I did use TV as well, from the discription of the /WORDS keyword, I was under the impression that the converion to byte was not done for TVSCL when /WORDS is set. You're right, TV is more appropriate, I first used TVSCL because I used it in a program I have that opens up a window that is the size of the image.

>
>> It seems the hardware must actually take 16-bits per pixel even though the
>> depth resolution is only 12-bits.
>
> I would hope so, or you are going to have to write your
> own LIXUX kernel, too, probably. :-)
>

--Mike

--

Michael Chinander
m-chinander@uchicago.edu
Department of Radiology
University of Chicago
