
Subject: Re: Interactive Contrast/Brightness of Images
Posted by [R.Bauer](#) on Wed, 07 Nov 2001 20:32:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

>
> Folks,
>
> I've written a short article about how to interactively
> change the contrast and brightness of an image. These
> quantities are also called the window level and window
> width of an image, too. This kind of functionality is
> often required, for example, with 16-bit medical images.
>
> You can find the article here:
>
> http://www.dfanning.com/ip_tips/contrast.html
>
> I also wrote a program, named WindowImage, to
> demonstrate the idea. You can find the program
> here:
>
> <http://www.dfanning.com/programs/windowimage.pro>
>
> You will need my TVImage program as well if you
> want to run this program:
>
> <http://www.dfanning.com/programs/tvimage.pro>
>
> Run the program like this:
>
> IDL> WindowImage
>
> The trick in such a program is to find a neat
> algorithm for changing the contrast and brightness
> as you drag the cursor either horizontally or vertically
> on the image. I'm not totally enamored with the one
> I came up with and I suspect someone out there has
> a better one. If so, I'd like to hear about it. :-)
>
> If you haven't visited the Coyote lately, you might
> want to have a look. I've been busy the past couple
> of weeks. :-)
>
> You can find over 20 new programming tips here:
>
> <http://www.dfanning.com/documents/tips.html#NewTips>
>

> As always, I appreciate the feedback.
>
> Cheers,
>
> David

Dear David,

looks quite good and all for no charge :-))

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)

Forschungszentrum Juelich

email: R.Bauer@fz-juelich.de

<http://www.fz-juelich.de/icg/icg1/>

=====

a IDL library at Forschungszentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

=====

read something about linux / windows

<http://www.suse.de/de/news/hotnews/MS.html>
