
Subject: New Graphics Challenge

Posted by [David Fanning](#) on Tue, 30 Nov 2010 02:47:02 GMT

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Folks,

I just finished refurbishing an old program named WindowImage, which is used to "window-level" or adjust the contrast of an 2D image. The user can move a cursor in the image window vertically to set the width of the "window", and horizontally to set the "level" of the "window."

<http://www.dfanning.com/programs/windowimage.pro>

This is the sort of thing I have in mind when I say new graphics tools like this will be "impossible to build" for mere mortals. In fact, I think it probably can't be done.

But, rather than testing the claim myself, I thought it might be more fun to just MAKE the claim and see if anyone (or everyone!) could prove me wrong. :-)

Take as long as you like. I re-wrote this program essentially from scratch in about 4-5 hours this morning from "parts" that were laying around, some of which had to be modified to get the color bar to do what I wanted it to do.

Happy programming!

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: New Graphics Challenge

Posted by [David Fanning](#) on Thu, 02 Dec 2010 23:18:50 GMT

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David Fanning writes:

> I just finished refurbishing an old program named
> WindowImage, which is used to "window-level" or
> adjust the contrast of an 2D image. The user can
> move a cursor in the image window vertically to set
> the width of the "window", and horizontally to set
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> probably can't be done.
>
> But, rather than testing the claim myself, I thought
> it might be more fun to just MAKE the claim and see
> if anyone (or everyone!) could prove me wrong. :-)

You can't believe with what trepidation I looked at the newsgroup the day after my challenge. I fully expected 10 people to have solved the challenge and confirmed the error of my ways. But, three days later, and still not a word from anyone.

Now I can't decide if the prize (whatever it was-- I normally give a hug and a kiss, but that probably wouldn't do in this situation) was too meager for such a piddly amount of effort or if this is truly impossible with the IDL 8 graphics.

I realize I'm the only one here without a job, but still...

Shoot. I may have to look into this myself. :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Subject: Re: New Graphics Challenge

Posted by [penteado](#) on Fri, 03 Dec 2010 01:13:58 GMT

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On Dec 2, 9:18 pm, David Fanning <n...@dfanning.com> wrote:

> You can't believe with what trepidation I looked at
> the newsgroup the day after my challenge. I fully
> expected 10 people to have solved the challenge
> and confirmed the error of my ways. But, three days
> later, and still not a word from anyone.

I fully intend to look into this. But I have been impossibly busy this week, so I have only been able to write quick answers like this one.

Subject: Re: New Graphics Challenge

Posted by [David Fanning](#) on Fri, 03 Dec 2010 01:22:33 GMT

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Paulo Penteado writes:

> I fully intend to look into this. But I have been impossibly busy this
> week, so I have only been able to write quick answers like this one.

OK, Paulo, I knew I could count on you. I'll wait patiently then for enlightenment. I can't get to it for weeks either. :-)

Cheers,

David

P.S. Let's just say I only write longer answers late in the day when my eyes are crossed and my brain is fried. :-)

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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