
Subject: Re: Mysterious disappearing objects (bugs in IDLgrWindow::Draw)
Posted by [Pavel A. Romashkin](#) on Wed, 29 Aug 2001 14:22:08 GMT
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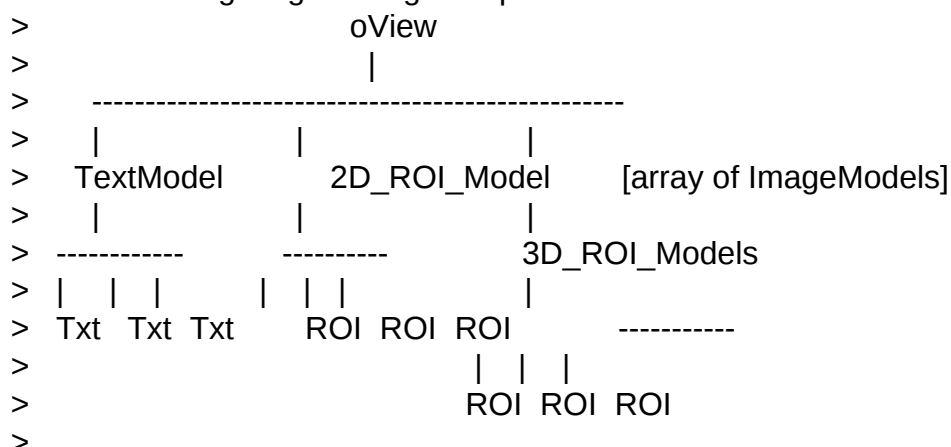
What IDL version are you using?

Subject: Re: Mysterious disappearing objects (bugs in IDLgrWindow::Draw)
Posted by [David Fanning](#) on Wed, 29 Aug 2001 15:05:55 GMT
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Martin Lowry (m.lowry@hull.ac.uk) writes:

> I'm new to this group but have been watching for a couple of weeks and
> seen the expertise that is present here DF, CM ... So maybe somebody
> can help me out.
> I've constructed an object that displays medical images acquired in
> 4D, ie x, y, z & time (typical dimensions 256 x 256 x 10 x 35). Onto
> the display I can draw ROIs and attach them to the models. Now come
> the tricky bit, the regions can be viewed on all slices in the volume
> OR only on that slice on which they were drawn (slice number stored in
> UVALUE of IDLgrROI). I call this 2D & 3D mode respectively and provide
> a button to toggle between them. Sometimes when I do this some of the
> ROIs don't get redrawn! When I interrogate the graphics model hierachy
> (?sp.) they are clearly in the right place but dont appear on the
> screen! Are there either bugs in IDLgrWindow::Draw or am I missing
> something in the transfer?

> The following diagram might help:



> Only 1 imagemodel is connected to the view at any one time and this
> carries with it its own 3D_ROI_Model and ROIs. The trick in the 2D/3D
> switch is to remove ROIs from 3D_ROI_Model and add them to
> 2D_ROI_Model, or vice-versa.
> Q: Why do some of the ROIs disappear?

It is really hard to say why things disappear in object
graphics. Perhaps you are using the wrong magical incantations. :-)

But I suspect the problem may relate to rendering order, especially if you are moving things around in the graphics hierarchy. I suggest you put the ROI objects at a slightly positive Z value. This will put them in front of the image, which I presume is a Z=0. Then they should show up clearly all the time.

Best Regards,

David

P.S. Let's just say the proper incantations can sometimes be found in Tolkin's wonderful trilogy.

--

David W. Fanning, Ph.D.

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

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Mysterious disappearing objects (bugs in IDLgrWindow::Draw)

Posted by [Andrew Cool](#) on Wed, 29 Aug 2001 23:50:32 GMT

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David Fanning wrote:

snip..

>

> P.S. Let's just say the proper incantations can
> sometimes be found in Tolkin's wonderful trilogy.

Hey David,

Who's this Tolkin woman? No doubt some American re-writing literary history, just as Hollywood would have us believe that the Yanks captured the Enigma machine in WW2, etc, etc.

J.R.R. Tolkien, twice Professor of Anglo-Saxon English at Oxford, wrote some rather good books ... ;-))

Cheers,

Andrew

Andrew D. Cool .->-.
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Subject: Re: Mysterious disappearing objects (bugs in IDLgrWindow::Draw)
Posted by [David Fanning](#) on Thu, 30 Aug 2001 00:10:48 GMT
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Andrew Cool (andrew.cool@dsto.defence.gov.au) writes:

- > Who's this Tolkin woman? No doubt some American re-writing
- > literary history, just as Hollywood would have us believe that
- > the Yanks captured the Enigma machine in WW2, etc, etc.
- >
- > J.R.R. Tolkien, twice Professor of Anglo-Saxon English at Oxford,
- > wrote some rather good books ... ;-)

It's my humble opinion that all you computer
geeks are *WAY* too overly concerned with spelling!

You know what Twain said (no, not Shania, Mark):
"Anyone who can only think of one way to spell a word
obviously lacks imagination."

Cheers,

David

--
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Subject: Re: Mysterious disappearing objects (bugs in IDLgrWindow::Draw)

Posted by [Andrew Cool](#) on Thu, 30 Aug 2001 22:58:38 GMT

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

David Fanning wrote:

>

> Andrew Cool (andrew.cool@dsto.defence.gov.au) writes:

>

>> Who's this Tolkin woman? No doubt some American re-writing
>> literary history, just as Hollywood would have us believe that
>> the Yanks captured the Enigma machine in WW2, etc, etc.

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> geeks are *WAY* too overly concerned with spelling!

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> You know what Twain said (no, not Shania, Mark):
> "Anyone who can only think of one way to spell a word
> obviously lacks imagination."

>

Yep, David, you've got it in one - that's why we read Tolkien,
who had more than enough imagination to go around.

Why improve on perfection? I would never dream of altering
one of your programs.. ;-)

Andrew
