Subject: IDL 8.0: How to update IMAGE data?
Posted by David Grier on Fri, 30 Jul 2010 08:06:54 GMT
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Dear Folks,

I'd like to update the data in an IDL 8.0 IMAGE graphic.
What's the "right" way to do this?

I've been doing things like

a = dist(256)
b = -a
im = image(a)
im = image(b,/OVERPLOT)

which works, but just feels wrong to me.

I was expecting to be able to do things like

im = image(a)
im.DATA = b

and have the image update properly. But apparently
I'm missing something, and this doesn't work.

Any thoughts?

TTFN,

David

Subject: Re: IDL 8.0: How to update IMAGE data?
Posted by penteado on Fri, 30 Jul 2010 15:03:16 GMT
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On Jul 30, 5:06 am, David Grier <david.gr...@nyu.edu> wrote:
> Dear Folks,
>
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> Any thoughts?
>
> TTFN,
>
> David

im.putdata,b

Subject: Re: IDL 8.0: How to update IMAGE data?
Posted by David Grier on Fri, 30 Jul 2010 15:35:51 GMT

On 7/30/10 11:03 AM, Paulo Penteado wrote:
> On Jul 30, 5:06 am, David Grier<david.gr...@nyu.edu> wrote:
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>> I'm missing something, and this doesn't work.

>>
>> Any thoughts?
>>
>> TTFN,
>>
>> David
>
> im.putdata,b

Wow. Thanks. That was simple. Is the PUTDATA method documented?
It doesn't show up in idlhelp's search, and is not discussed in
the documentation for IMAGE.

This makes me wonder what else I'm missing.

Many thanks,

David

Subject: Re: IDL 8.0: How to update IMAGE data?
Posted by Michael Galloy on Fri, 30 Jul 2010 17:36:55 GMT
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On 7/30/10 9:35 am, David Grier wrote:
> On 7/30/10 11:03 AM, Paulo Penteado wrote:
>> On Jul 30, 5:06 am, David Grier<david.gr...@nyu.edu> wrote:
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> Wow. Thanks. That was simple. Is the PUTDATA method documented?
> It doesn't show up in idlhelp's search, and is not discussed in
> the documentation for IMAGE.
>
> This makes me wonder what else I'm missing.

Yes, it appears a lot of useful stuff is not in there. One trick to get
information on properties (not helpful here, though since putData is a
method): you can PRINT a graphics object and it will show its properties.

Mike
--
www.michaelgalloy.com
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