Subject: Re: transparent symbols
Posted by Thibault Garel on Tue, 08 Feb 2011 16:10:00 GMT
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On Feb 8, 4:48 pm, bing999 <thibaultga...@gmail.com> wrote:
> Hi,
>
> I want to overplot symbols (filled circles) on a previously drawn
> figure. To make it easier to read, I would like to make the symbols
> transparent.
> Is there a way to do that?
>
> Thanks a lot!
>
> cheers

And please note that I would like to save the plot in PostScript... :)

Subject: Re: transparent symbols
Posted by R.Bauer on Tue, 08 Feb 2011 16:52:26 GMT
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Am 08.02.2011 16:48, schrieb bing999:
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>
> Thanks a lot!
>
> cheers

have you asked your supplier? 8)

Subject: Re: transparent symbols
Posted by David Fanning on Tue, 08 Feb 2011 17:05:23 GMT
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bing999 writes:

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> figure. To make it easier to read, I would like to make the symbols

> transparent.
> Is there a way to do that?

I guess if you were willing to fool around long enough,
you could do this with a combination of Make_Transparent_Image
and cgImage. If it were me, I don't think I would bother. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: transparent symbols
Posted by Michael Galloy on Tue, 08 Feb 2011 17:18:10 GMT
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On 2/8/11 8:48 AM, bing999 wrote:
> Hi,
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> figure. To make it easier to read, I would like to make the symbols
> transparent.
> Is there a way to do that?

The new graphics, iTools, and object graphics systems can do this. What
do you mean by "previously drawn figure", i.e., how did you make the
previously drawn figure?

Mike
--
www.michaelgalloy.com
Research Mathematician
Tech-X Corporation

Subject: Re: transparent symbols
Posted by manodeep@gmail.com on Tue, 08 Feb 2011 18:43:12 GMT
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On Feb 8, 10:10 am, bing999 <thibaultga...@gmail.com> wrote:

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>> cheers
>
> And please note that I would like to save the plot in PostScript... :)

While the new IDL graphics system has the capability to produce transparent symbols etc, you still can't save the plot directly into a postscript format (transparent regions will become opaque). You will have to first save the plot in a png format and then convert to ps/ eps.

Overplotting on a previously-drawn image is a whole different issue. Either ask the "supplier" (as Reimar suggested) or extract the data from the plot using something like Dexter (http://dc.zah.uni-heidelberg.de/dexter/ui/ui/custom/).

Subject: Re: transparent symbols
Posted by MarioIncandenza on Thu, 10 Feb 2011 16:55:34 GMT
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On Feb 8, 8:10 am, bing999 <thibaultga...@gmail.com> wrote:
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> And please note that I would like to save the plot in PostScript... :)

Yes, I should add this is actually a limitation in PostScript itself,

it just can't do (semi-)transparency of vector objects. It can do
transparency of rasters, in a limited way, but that's the same as you
making the plot in PNG with an alpha channel and then converting to
PS.

I see a lot of new graphics packages advertise writing directly in
PDF, and PDF is apparently capable of handling semi-transparent
objects. I see that IDL 8.0 can output to PDF as well, now they just
need to provide support for semi-transparent objects.

Useful and/or interesting information here:
 https://secure.wikimedia.org/wikipedia/en/wiki/Transparency_ %28graphic%29

Subject: Re: transparent symbols
Posted by pgrigis on Thu, 10 Feb 2011 19:53:40 GMT
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On Feb 8, 11:10 am, bing999 <thibaultga...@gmail.com> wrote:
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What about reading the RGB pixel values in the place you need
the symbols, add 32 (or another suitable value) to the R channel
while leaving the G and B channels untouched. That will create
a red-hued semi-transparent symbol...

Ciao,
Paolo