
Subject: Re: How to make GIF file?

Posted by [Robert.M.Candey](#) on Fri, 09 Jun 1995 07:00:00 GMT

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In article <3ra31t\$J08@hecate.umd.edu>, bleau@UMDSP.UMD.EDU wrote:

> Hi. I running IDL V3.6.1 and have a question about plotting. First, let me
> describe what I'm trying to do overall, in case anyone has a better suggestion
> on how to do it.
>
> I want to create a GIF file to put on my system and have it served over
the WWW
> to other sites. This GIF file is a fairly simple plot, with X- and Y-axis, a
> bunch of points, and lines connecting them. The raw data for this is an Ascii
> file with columns of floating point numbers.
> . . .
>
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This is off the top of my head but should be close. I guess we need to add this to the IDL FAQ.

```
set_plot,'Z' ; plot to Z so IDL can be used in batch mode
device,z_buffer=0,set_resolution=[400,300] ; size of GIF image
loadct,13 ; or whatever color palette, Z device defaults to 256 colors
plot, . . . ; whatever plot and xyout commands
```

```
tv!ct, r,g,b, /get ; get colortable actually used
image = tvrd() ; get bitmap from Z device
write_gif, 'file.gif', image, r,g,b
```

If you transfer the GIF image to a Macintosh, use Fetch and set its Suffix Mapping Custom option to assign the filetype 'GIF' and use binary transfer.

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