
Subject: Re: reading and writing pgm files
Posted by [johnl](#) on Tue, 11 Apr 1995 07:00:00 GMT
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I tried to mail a reply but your posting software didn't include your mail address.

Greening C M (greec) wrote:

: Does anyone have, or know where to get hold of, code to read and
: write .pgm format image files?.

It is very simple, you really don't need much code.

I assume that you want to read/write PGM files from your application program. Here are some bits of code I used to create/write PGM files in one of my programs. The image is a lineSize*1014 array of 8 bit values. I used the manual pages from the PBM software to get the file format specification.

```
/* open PGM output file */
sprintf(ofName, "SNDR%.4d.PGM", serial);
if ((pgmFile = fopen(ofName, "wb")) == NULL) {
    fprintf(stderr, "%s: can't open %s\n", pName, ofName);
    exit(1);
}
fprintf(pgmFile, "P5 %d %d %d\n", lineSize, 1014, 255);

/* note: repeated 1014 times to output experiment video */
/* write PGM data */
for (j = 0; j < lineSize; ++j)
    putc(255 - lineBuf[j], pgmFile);

/* close PGM file */
fclose(pgmFile);
```

Subject: Re: reading and writing pgm files
Posted by [fedor](#) on Tue, 11 Apr 1995 07:00:00 GMT
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In article <3mebvm\$bk8@seralph9.essex.ac.uk> Greening C M <greec> writes:

> Does anyone have, or know where to get hold of, code to read and
> write .pgm format image files?.

I assume you mean IDL code? I have a program 'getim.pro' that reads raw format pbm pgm and ppm files - <ftp://hopper.colorado.edu/pub/optics/getim.pro>

Otherwise you can get the pbmplus package. last I heard it was available at

ftp://export.lcs.mit.edu plus about a million other sites (check graphics or X11 contribution sites).

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Adam Fedor. CU, Boulder | Fudd's Law of Opposition: Push something
fedor@boulder.colorado.edu (W) | hard enough and it will fall over.
adam@bastille.rmug.org (H,NeXTMail)|
