
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);
```
