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Masahisa Fukushima
103, West Side Mansion
4-41-1, Nishi Sunagawa
Tachikawa Tokyo 190-0034
Japan
e-mail:loasis@marble.ocn.ne.jp

Dear the persons in charge of gnu ghostscript:

I thank you for the fact that many free softwares are built. My present machine is iMac Retina 5K, 27-inch, 2017, with OS as macOS High Sierra with version 10.13.6. I use the softs such as "platex" in Japanese version 3.14159265-p3.8.1-180226-2.6 as well as "gv"-3.74 , "gs" 9.23 and "gs-X11". I had used Linux machine and gnu software for a long time, because of platex software. But the Linux machine was down, so that I had chosen iMac as whose OS is based on the free BSD which is related to Linux.

I wonder that the software "gv"-3.74 includes a serious bug with respect to the operator "file" of PostScript language with the version 3.0.

The following is the output on the console when the software "gs" is invoked, which I think is normal.

```
$ gs
GPL Ghostscript 9.23 (2018-03-21)
Copyright (C) 2018 Artifex Software, Inc. All rights reserved.
This software comes with NO WARRANTY: see the file PUBLIC for details.
GS>(myfile) (w) file
GS<1>pstack
-file-
```

Acctually, "myfile" was created in a directory of my machine.

But, when the software "gv" 3.74 is activated on my machine, its working window is open accordingly. If I open the program with the line "(myfile) (w) file", the software "gv" produces an error message.

Another example is as follows: we have two programs such that

```
mainprogram : star.tex
```

```
%%!PS-Adobe-3.0
%This is written by Masahisa Fukushima for platex.
%Tue.Oct.08,2019.
%-----
  newpath
(starsub.tex) run
100 300 translate
000 0 translate star stroke
150 0 translate star 0.6 setgray fill stroke 0 setgray
150 0 translate star gsave 0.6 setgray fill grestore stroke
showpage
```

```
soubroutine : starsub.tex
```

```
%%!PS-Adobe-3.0
%This is written by Masahisa Fukushima for platex.
%Tue.Oct.08,2019.
%-----
/star { %def
  1 setlinewidth
  /r 50 def
  /xx 5 array def
  /yy 5 array def
%   r 0 moveto 0 0 r 0 360 arc stroke
  0 1 4{ %for
    /i exch def
    /theta i 72 mul 90 add def
    xx i r theta cos mul put
    yy i r theta sin mul put
%   xx i get yy i get 3 0 360 arc fill stroke
  } for
  xx 0 get yy 0 get moveto
  xx 2 get yy 2 get lineto
  xx 4 get yy 4 get lineto
  xx 1 get yy 1 get lineto
  xx 3 get yy 3 get lineto
  xx 0 get yy 0 get lineto
} def
```

If I have invoked the software "gs-X11" with the prompt "GS>", the following operand line

```
GS> (star.tex) run
```

produced a normal picture. The essential part of this picture is written in the subroutine "starsub.tex". But, the software "gv" does not make any picture, instead, it gives us the file error message. I think that the software "gv" should be changed to recognize the syntaxes corresponding to operator "file" of Postscript language.

By the reason that my understanding is incomplete about "gs" and "gs-X11", I have another problem that the picture which is produced by the software "gs-X11" cannot be transported to other file. By the behavior of the software "gs-X11", I think that my understanding is correct about the operator "file" of the PostScript version 3.0. By the way, the software "preview" in the iMac does not work well for the operator "file" of PostScript 3.0 version. I suppose that the "preview" would be combined to the software "gv".

Sincerely yours,

Masahisa Fukushima