

The epsfig package*

Sebastian Rahtz
spqr@ftp.tex.ac.uk

1999/02/16

1 Preface

```
1 (*package)
2 \DeclareOption*{\PassOptionsToPackage{\CurrentOption}{graphicx}}
3 \ProcessOptions
4 \RequirePackage{graphicx}
```

1.1 Emulation of ‘psfig’ syntax

Emulate ”epsfig.sty”, and most varieties of psfig

```
\psfig,\epsfig
5 \def\psfig#1{%
6 \let\Gin@ewidth\Gin@exclamation\let\Gin@eheight\Gin@ewidth
7 \def\Gin@req@sizes{%
8 \def\Gin@scalex{1}\let\Gin@scaley\Gin@exclamation
9 \Gin@req@height\Gin@nat@height
10 \Gin@req@width\Gin@nat@width}%
11 \begingroup
12 \let\Gfigname\relax
13 \@tempwafalse
14 \toks@{\Ginclude@graphics{\Gfigname}}%
15 \setkeys{Gin}{#1}%
16 \Gin@esetsize
17 \ifx\Gfigname\relax\ErrorNoFile\else
18 \the\toks@
19 \fi
20 \endgroup}
21 \define@key{Gin}{figure}{\def\Gfigname{#1}}
22 \define@key{Gin}{file}{\def\Gfigname{#1}}
23 \define@key{Gin}{prolog}{\typeout{epsfig: header files are not needed}}
24 \define@key{Gin}{silent}[]{}
25 \def\psdraft{\Gin@drafttrue}
26 \def\psfull{\Gin@draftfalse}
27 \def\pssilent{\typeout{epsfig option ‘silent’ ignored}}
28 \def\psnoisy{\typeout{epsfig option ‘noisy’ ignored}}
29 \let\epsfig\psfig
30 \def\psfigdriver#1{\makeatletter\input{#1.def}\makeatother}
```

1.2 Emulation of ‘epsf’ syntax

Emulate Rokicki’s ”epsf.tex” supplied with the ever-popular dvips.

```
\epsfbox,\epsffile
31 \newdimen\epsfxsize
32 \newdimen\epsfysize
```

*This file has version number v1.7a, last revised 1999/02/16.

```

33 \epsfysize\z@
34 \epsfxsize\z@
35 \def\epsfsize#1#2{\epsfxsize}
36 \def\epsfbox{%
37 \ifnextchar[%
38 {\Gin@bbboxtrue\epsf@bb@box}%
39 {\Gin@bbboxfalse\epsf@box}%
40 }
41 \def\epsf@bb@box[#1#2]{%
42 \expandafter\Gread@parse@bb#1#2 \
43 \epsf@box}
44 \def\epsf@box#1{%
45 \bgroup
46 \def\Gin@req@sizes{%
47 \epsfxsize\epsfysize{\Gin@nat@width}{\Gin@nat@height}%
48 \ifdim\epsfxsize=\z@
49 \ifdim\epsfysize=\z@
50 \Gin@req@height\Gin@nat@height
51 \Gin@req@width\Gin@nat@width
52 \else
53 \let\Gin@scalex\Gin@exclamation
54 \Gin@req@height\epsfysize
55 \Gscale@div\Gin@scaley\Gin@req@height\Gin@nat@height
56 \Gin@req@width\Gin@scaley\Gin@nat@width
57 \fi
58 \else
59 \Gin@req@width\epsfxsize
60 \Gscale@div\Gin@scalex\Gin@req@width\Gin@nat@width
61 \ifdim\epsfysize=\z@
62 \let\Gin@scaley\Gin@exclamation
63 \Gin@req@height\Gin@scalex\Gin@nat@height
64 \else
65 \Gin@req@height\epsfysize
66 \Gscale@div\Gin@scaley\Gin@req@height\Gin@nat@height
67 \fi
68 \fi
69 }%
70 \Gin@include@graphics{#1}%
71 \egroup
72 \epsfysize\z@
73 \epsfxsize\z@
74 }
75 \let\epsffile\epsfbox
76 \def\epsfclipon{\Gin@cliptrue}
77 \def\epsfclipoff{\Gin@clipfalse}
78 \def\epsfverbose>true{\typeout{epsf verbose option ignored}}
79 \def\epsfverbose>false{\typeout{epsf verbose option ignored}}
80 </package>

```