

The `epsfig` package*

Sebastian Rahtz
spqr@ftp.tex.ac.uk

1999/02/16

This file is maintained by the L^AT_EX Project team.
Bug reports can be opened (category `graphics`) at
<http://latex-project.org/bugs.html>.

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     \@tempswafalse
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}
```

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

```

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
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\epsfsize{\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   \Ginclude@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\epsfverbosetrue{\typeout{epsf verbose option ignored}}  
79 \def\epsfverbosefalse{\typeout{epsf verbose option ignored}}  
80 \end{package}
```