The **epsfig** package[*]

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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   \@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}
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
```

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[*]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@bboxtrue\epsf@bb@box}%
39   {\Gin@bboxfalse\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 ⟨/package⟩
```