The **epsfig** package*

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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}
```

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*This file has version number v1.7b, last revised 2017/06/25.

```
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@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⟩
```