The **epsfig** package[*]

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> This file is maintained by the LaTeX Project team.
> Bug reports can be opened (category `graphics`) at
> https://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}
```

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```
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⟩
```