

# The lscape package\*

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All text, within the landscape environment is rotated through 90 degrees. The environment may span several pages. It works well with, and was originally created for, use with `longtable` to produce long wide tables.

All the work is done by the `graphics` package, the trick is to call it at the right place in the output routine to rotate the current page before the page head and foot are added.

```
1 (*package)
2 \DeclareOption*{\PassOptionsToPackage\CurrentOption{graphics}}
3 \ProcessOptions
4 \RequirePackage{graphics}
5 \let\LS@makecol=@makecol
6 \let\LS@makefcolumn=@makefcolumn
7 \def\LS@rot{%
8   \setbox\@outputbox\vbox{\hbox{\rotatebox{90}{\box\@outputbox}}}}
```

First set up the page size for landscape.

```
9 \def\landscape{%
10  \clearpage
11  \beginingroup
```

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\*This file has version number v3.0, last revised 1994/10/05.

```
12 \vsize=\textwidth
13 \hsize=\textheight
14 \linewidth=\hsize
15 \columnwidth=\hsize
16 \@colroom=\vsize
17 \textheight=\vsize
18 \@colht=\vsize
```

Rotate the page body (text and float pages).

```
19 \def\@makecol{\LS@makecol\LS@rot}%
20 \def\@makefcolumn##1{\LS@makefcolumn{##1}\LS@rot}}
```

Restore everything.

```
21 \def\endlandscape{%
22 \clearpage
23 \endgroup
24 \global\@colht=\textheight
25 \global\vsize=\textheight
26 \global\@colroom=\textheight}
27 \endpackage
```