

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>
```

Here is what Scott Pakin wrote about the `pdftex` option:

I've made a minor improvement to `lscape.dtx` that I'd like to share with the world. My addition makes `lscape` rotate the PDF "paper" – not just the text on the page – when given the "pdftex" option. (Naturally, this works only with `pdfLaTeX`.) The result is that the text is viewable online without the reader having to rotate his/her head 90 degrees. The document still prints normally.

```
2 \newif\ifGin@pdftex
3 \Gin@pdftexfalse
4 \DeclareOption{pdftex}{%
5   \PassOptionsToPackage\CurrentOption{graphics}
6   \Gin@pdftextrue
7 }
8 \DeclareOption*{\PassOptionsToPackage\CurrentOption{graphics}}
```

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```

9 \ProcessOptions
10 \RequirePackage{graphics}
11 \let\LS@makecol=\@makecol
12 \let\LS@makefcolumn=\@makefcolumn
13 \def\LS@rot{%
14   \setbox\@outputbox\vbox{\hbox{\rotatebox{90}{\box\@outputbox}}}}
15 \def\landscape{%
16   \clearpage
17   \begingroup
18   \vsize=\textwidth
19   \hsize=\textheight
20   \linewidth=\hsize
21   \columnwidth=\hsize
22   \@colroom=\vsize
23   \textheight=\vsize
24   \@colht=\vsize
25   \def\@makecol{\LS@makecol\LS@rot}%
26   \def\@makefcolumn##1{\LS@makefcolumn{##1}\LS@rot}}
27 \def\endlandscape{%
28   \ifGin@pdftex
29     \pdfpageattr{/Rotate 90}
30   \fi
31   \clearpage
32   \endgroup
33   \global\@colht=\textheight
34   \global\vsize=\textheight
35   \global\@colroom=\textheight}

```

First set up the page size for landscape.

Rotate the page body (text and float pages).

Restore everything. This is where the pdftex option makes a difference.

36 </package>