

The rplain package*

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Abstract

The rplain package redefines the ‘plain’ pagestyle. The page numbers are now in the lower right corner instead of being centered, like in this onesided document. In twosided documents, the page numbers are in the lower left or right corner.

1 The user interface

This package is obsolete. It was superseded by the fancyhdr package [1] and therefore is no longer supported. So please don’t use rplain, just use fancyhdr instead:

Type

```
\usepackage{fancyhdr}
\fancypagestyle{plain}{%
  \fancyhf{} % clear all header and footer fields
  \fancyfoot[LE,RO]{\thepage}
  \renewcommand{\headrulewidth}{0pt}
  \renewcommand{\footrulewidth}{0pt}}
\pagestyle{plain}
```

in the preamble of your document. (See also section 7 “Redefining plain style” in fancyhdr.pdf.)

2 The code

2.1 Identification

```
1 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
2 \ProvidesPackage{rplain}[2002/02/04 v1.0a rplain package (AS)]
3 \typeout{Package: rplain v1.0a <2002/02/04> (Axel Sommerfeldt)}
4 \PackageWarning{rplain}{%
5   ‘‘This package has been superseded by the ‘fancyhdr’ package
6   and is no longer supported’’}
```

*This package has version number 1.0a, last revised 2002/02/04.

2.2 Main code

`\ps@plain` This macro was taken from `report.cls` (LaTeX2e 94/06/01 patch level 3) and modified.

```
7 \renewcommand{\ps@plain}{%
8   \let\@mkboth\@gobbletwo
9   \let\@oddhead\@empty\let\@evenhead\@empty
10  \def\@evenfoot{\reset@font\rmfamily\thepage\hfil}%
11  \def\@oddfoot{\reset@font\rmfamily\hfil\thepage}}
```

Now we have to call `\pagestyle{plain}` (again), so that the above macro will be used.

```
12 \pagestyle{plain}
```

References

- [1] Piet van Oostrum: *Page layout in L^AT_EX*, 2000/10/11