

## Use of head style

The `head` style implements three parameter headers and footers for use mainly in `article` documentclass. The `head` style described here is a superset of the old “fairly standard” `head` style that also includes controllable header and footer rules. This style must be included using the `\usepackage` operation:

```
\usepackage{head}
```

This defines a series of commands to control the headers, being:

`\lhead{text}`. Sets left running header to `text`. The default is blank.

`\chead{text}`. Sets centre running header to `text`. The default is blank.

`\rhead{text}`. Sets right running header to `text`. The default is blank.

`\lfoot{text}`. Sets left running footer to `text`. The default is blank.

`\cfoot{text}`. Sets centre running footer to `text`. The default is `\rm\thepage` which gives the page number in the default sized Roman font.

`\rfoot{text}`. Sets right running footer to `text`. The default is blank.

Note: The header or footer text may include formatting commands and even Postscript files, but see *warning* below.

This style is sensitive to `twoside` and will correctly swap left/right headers/footers on odd/even pages provided that the `twoside` option is included in the `\documentclass[]` command. This is *not* the default for `article` documentclass types.

The additional rule commands are:

`\headruleheight{length}`. Set the thickness of a head rule which appears below the headers. Default is `0pt`.

`\footruleheight{length}`. Set the thickness of a foot rule which appears above the footers. Default is `0pt`.

`\ruleseparation{length}`. Sets the distance of rule below header and above footer. Default is `1ex`.

These commands can occur in the header **or** during formatting where they will effect the current page being formatted. Use of these commands in “floating bodies” (figures/tables) or within `minipage` environment will result in odd results!

*Warning:* These commands do not automatically size the printable areas so using very large fonts or PS graphics files in the headers/footers and/or large values for `\footruleheight` may result in the headers or footers over printing themselves and/or the text. To fix this you will have to modify the space left at the top/bottom of the page for headers/footers. See the *L<sup>A</sup>T<sub>E</sub>X* book for details of this.

## Feature

If you use `\maketitle` in the `article` document style all the header and footer commands are ignored on the *first page*, and it always defaults to centred page number. This is an unfortunate “*feature*” of the *L<sup>A</sup>T<sub>E</sub>X* `\maketitle` command which applies to all schemes to modify headers/footers.

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