

The `cuted` package

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1 Introduction

It is denoted to place some material in full-width at any place on double-column page (`\twocolumn` mode) The part of material can be placed on the next page. Existing text is placed under inserted material in two columns (it is reformatted).

Another usage is to combine the `onecolumn` and `twocolumn` typesetting in the same document using commands: `\switchonecolumn` and `\switchtwocolumn`.

2 Usage

`strip` Provides new environment:

```
\begin{strip}
<wide onecolumn material>
\end{strip}
```

Puts `\vbox{<wide onecolumn material>}` in full-width on double-column page.

It can be problems with floats and footnotes. In the case of problems with footnotes it is possible to correct the situation using commands `\footnotemark` and `\footnotetext`.

`preCutedStrip` `{<tokens>}`

Before the strip `\stripsep` glue and `\the\preCutedStrip` token list `<tokens>` are added.

`postCutedStrip` `{<tokens>}`

After the strip `\the\postCutedStrip` token list `<tokens>` and `\stripsep` glue are added.

`stripsep` By default: `\stripsep=15pt plus2pt minus 2pt`.

`\oldcolsbreak` `{<adds>}`

Adds `<adds>` in place of original column break if strip is placed on the right column. Seems, it should be unnecessary as current version uses `pagediscards` dimensions to restore original vertical skip.

`\switchonecolumn` It starts with onecolumn typesetting from the current spot on the page.

`\switchtwocolumn` It starts with twocolumn typesetting from the current spot on the page

2.1 Package options

`<spread>` [`default`] It enables columns spreading trying to balance.

`<nospread>` It disables columns spreading trying to balance.

`<shrink>` [`default`] It enables columns shrinking trying to balance.

`<noshrink>` It disables columns shrinking trying to balance.

Similiar options exist for single column separatly:

`lspread`, `nolspread`, `lshrink`, `nolshrink` – for left column

`rsread`, `norspread`, `rshrink`, `norshrink` – for right column

`<debug>` Adds rules to the bottom of columns (just for debugging) and some additional log info.

`<nodebug>` [`default`] Skips putting debugging lines and additional info.