The **cuted** package

Sigitas Tolušis
`sigitas@vtex.lt`

v2.0 from 2021/10/04

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).

To compare with the previous version the package is rewritten with new cropped balancing algorithm version and new options from `flushend.sty, v4.0`.

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.

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

rspread, 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 debuging lines and additional info.