

The nccparskip package*

Alexander I. Rozhenko
rozhenko@oapmg.sccc.ru

2004/12/08

`\SetParskip` The package provides identical distance between all paragraphs except section markups. It redefines control list commands and suppress `\topskip`, `\partopskip`, and `\itemsep` in lists. As a result, the distance between ordinary paragraphs and paragraphs prepared by lists is the same. The command `\SetParskip{<distance>}` controls this distance. The default distance is

```
\SetParskip{4pt plus 1pt minus .2pt}
```

In this document, we use `\SetParskip{6pt plus 1pt minus .4pt}`.

1 The Implementation

`\SetParskip` Define the command and set list skips to zero length.

```
1 <*package>
2 \newcommand*{\SetParskip}[1]{\setlength{\parskip}{#1}\parsep\parskip}
3 \partopsep\z@
4 \topsep\z@
5 \itemsep\z@
```

We suppose that list definitions were done in the similar way as in standard \LaTeX classes. Redefine list control commands:

```
6 \def\@listi{\leftmargin\leftmarginI}
7 \let\@listI\@listi
8 \def\@listii{\leftmargin\leftmarginii
9 \labelwidth\leftmarginii \advance\labelwidth-\labelsep}
10 \def\@listiii{\leftmargin\leftmarginiii
11 \labelwidth\leftmarginiii \advance\labelwidth-\labelsep}
```

Redefine the `\normalsize`, `\small`, and `\footnotesize` commands to avoid the `\@listi` redefinition in them.

*This file has version number v1.1, last revised 2004/12/08.

```
12 \let\NCC@normalsize\normalsize
13 \def\normalsize{\let\NCC@temp\@listi\NCC@normalsize\let\@listi\NCC@temp}
14 \let\NCC@small\small
15 \def\small{\let\NCC@temp\@listi\NCC@small\let\@listi\NCC@temp}
16 \let\NCC@footnotesize\footnotesize
17 \def\footnotesize{\let\NCC@temp\@listi\NCC@footnotesize\let\@listi\NCC@temp}
```

Finally we set defaults:

```
18 \normalsize
19 \SetParskip{4pt plus 1pt minus .2pt}
20 </package>
```