

The kauclear package*

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1 Introduction

This package replaces the macro `\cleardoublepage` so that empty odd pages do not contain a page number. It also redefines the macro `\pagestyle` so that it stores the page style for restoring it after temporarily switching to another one.

2 Usage

`\cleardoublepage` Load the package without options. The macro `\cleardoublepage` will be replaced
`\cleardoublepage@orig` automatically and the original macro will be available as `\cleardoublepage@orig`.

3 Implementation

```
1 \ProcessOptions\relax
\kuc@currentpagestyle Store the current page style in the macro \kuc@currentpagestyle.
2 \newcommand\kuc@currentpagestyle{plain}

\pagestyle Store the new page style in \kuc@currentpagestyle, if the page style is changed.
3 \let\pagestyle@orig\pagestyle
4 \renewcommand\pagestyle[1]{%
5   \renewcommand\kuc@currentpagestyle{#1}%
6   \pagestyle@orig{#1}%
7 }

\kuc@restorepagestyle Restore the current page style, e. g., when the page style was changed temporarily.
8 \newcommand\kuc@restorepagestyle{%
9   \pagestyle@orig{\kuc@currentpagestyle}%
10 }

\cleardoubpage@orig Preserve the original definition of the macro \cleardoublepage in \cleardoublepage@orig.
11 \let\cleardoubpage@orig\cleardoublepage
```

*This document corresponds to kauclear v1.1, dated 2011/05/06.

`\cleardoublepage` Redefine the macro `\cleardoublepage` so that it temporarily switches to the page style `empty`.

```

12 \renewcommand\cleardoublepage{%
13   \clearpage%
14   \pagestyle@orig{empty}%
15   \cleardoubpage@orig%
16   \kuc@restorepagestyle%
17 }
```

Change History

v1.0	v1.1
General: SBe's licentiate version . . . 1	General: Initial public release 1

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

<p>C</p> <p><code>\cleardoublepage</code> <i>1</i>, 11, <u>12</u></p> <p><code>\cleardoublepage@orig</code> <i>1</i></p> <p><code>\cleardoubpage@orig</code> <u>11</u>, 15</p>	<p>K</p> <p><code>\kuc@currentpagestyle</code> <u>2</u>, 5, 9</p> <p><code>\kuc@restorepagestyle</code> <u>8</u>, 16</p>	<p>P</p> <p><code>\pagestyle</code> <u>3</u></p> <p><code>\pagestyle@orig</code> 3, 6, 9, 14</p> <p><code>\ProcessOptions</code> 1</p> <p>R</p> <p><code>\relax</code> 1</p>
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