

The `kaucollection` class*

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1 Introduction

The `kaucollection` class provides L^AT_EX defaults and macros which you might find useful during this process.

2 Usage

Load the class without options.

3 Implementation

No class options are accepted.

```
1 \ProcessOptions\relax
```

For simplicity, we'll derive everything from the standard `article` class.

```
2 \LoadClass{article}
```

Load dependencies.

```
3 \RequirePackage{kauclear}
```

```
4 \RequirePackage{kaustudies}
```

```
5 \RequirePackage{kaumeta}
```

```
6 \RequirePackage{kaupaper}
```

```
7 \RequirePackage{kauenvironments}
```

```
8 \RequirePackage{tikz}
```

```
\kuk@maketitle Preserve the previous definition of \maketitle.
```

```
9 \AtBeginDocument{\let\kuk@maketitle\maketitle}
```

```
\maketitle Make sure that the title page has a white backside.
```

```
10 \renewcommand\maketitle{%
```

```
11   \kuk@maketitle%
```

```
12   \cleardoublepage%
```

```
13 }
```

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

Make sure that the table of contents starts on an odd page.

```
14 \let\kuk@tableofcontents\tableofcontents
15 \renewcommand\tableofcontents{%
16   \cleardoublepage%
17   \kuk@tableofcontents%
18 }
```

Preserve the old abstract environment for later usage in the appended papers.

```
19 \let\kuk@abstract\abstract%
20 \let\kuk@endabstract\endabstract%
```

\frontmatter Start the frontmatter, beginning with page iii and redefining the abstract environment so that it generates an own section.

```
21 \newcommand*\frontmatter{%
22   \clearpage%
23   \setcounter{page}{3}%
24   \renewcommand\thepage{\roman{page}}%
25   \renewenvironment{abstract}{%
26     \newcommand\keywords{\paragraph{Keywords:}}%
27     \cleardoublepage%
28     \section*{\@title}%
29     \textsc{\@author}\par%
30     \noindent\textit{\@institute}%
31     \section*{Abstract}%
32     %\addcontentsline{toc}{section}{Abstract}%
33   }{%
34     \cleardoublepage%
35   }%
36 }
```

acknowledgements Acknowledgements section.

```
37 \newenvironment{acknowledgements}{%
38   \cleardoublepage%
39   \section*{Acknowledgements}%
40   %\addcontentsline{toc}{section}{Acknowledgements}%
41 }{%
42   \par\bigskip\bigskip\bigskip\noindent\@place, \@date\hfill \@author%
43   \cleardoublepage%
44 }
```

\mainmatter Start the mainmatter with the part ‘Introductory Summary’ on page 1.

```
45 \newcommand\mainmatter[1][1]{%
46   \cleardoublepage%
47   \renewenvironment{abstract}{\kuk@abstract}{\kuk@endabstract}%
48   \setcounter{page}{1}%
49   \renewcommand\thepage{\arabic{page}}%
50   \kaupart*[body={#1}]{Introductory Summary}%
51 }
```

\vanityquote Typeset quotes on cover pages.

```
52 \newcommand\vanityquote[2]{%
53   \begin{tikzpicture}[remember picture,overlay]%
54     \path (current page.south east) +(-3,3.5)%
55     node%
```

```

56      [ anchor=south east%
57      , font=\large%
58      , text width=25em%
59      ] {\raggedleft‘‘#1\rlap{’’}%
60      \normalfont\par\medskip\itshape #2\par};%
61 \end{tikzpicture}%
62 }

```

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.

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