

The kaureport class*

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1 Introduction

The kaureport class provides L^AT_EX defaults and macros which you might find useful for writing a report at Karlstad University.

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{kauparts}
```

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

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

```
8 \AtBeginDocument{\let\kur@maketitle\maketitle}
```

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

```
9 \renewcommand\maketitle{%
```

```
10   \kur@maketitle%
```

```
11   \cleardoublepage%
```

```
12 }
```

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

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

```
13 \let\kur@tableofcontents\tableofcontents
14 \renewcommand\tableofcontents{%
15   \cleardoublepage%
16   \kur@tableofcontents%
17 }
```

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

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

`\mainmatter` Start the mainmatter on page 1.

```
34 \newcommand\mainmatter[1] []{%
35   \cleardoublepage%
36   \pagenumbering{arabic}%
37   \setcounter{page}{1}%
38 }
```

`\part` Redefinition of the `\part` macro.

```
39 \let\part\kaupart
```

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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