

The `kaumasters` class*

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1 Introduction

The `kaumasters` class provides L^AT_EX defaults and macros which you might find useful for writing a master's thesis 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[urw-garamond]{mathdesign}
```

```
4 \RequirePackage[twoside]{typearea}
```

```
5 \RequirePackage{kauclear}
```

```
6 \RequirePackage{kaumeta}
```

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

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

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

```
8 \renewcommand\maketitle{%
```

```
9   \kur@maketitle%
```

```
10  \cleardoublepage%
```

```
11 }
```

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

```
12 \let\kur@tableofcontents\tableofcontents
```

```
13 \renewcommand\tableofcontents{%
```

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

```

14 \cleardoublepage%
15 \kur@tableofcontents%
16 }

\frontmatter Start the frontmatter, beginning with page iii and redefining the abstract environ-
ment so that it generates an own section.
17 \newcommand*\frontmatter{%
18 \clearpage%
19 \setcounter{page}{3}%
20 \renewcommand\thepage{\roman{page}}%
21 \renewenvironment{abstract}{%
22 \section*{\@title}%
23 \textsc{\@author}\par%
24 \noindent\textit{\@institute}%
25 \section*{Abstract}%
26 %\addcontentsline{toc}{section}{Abstract}%
27 }{%
28 \cleardoublepage%
29 }%
30 }

\mainmatter Start the mainmatter on page 1.
31 \newcommand\mainmatter[1][]{%
32 \cleardoublepage%
33 \pagenumbering{arabic}%
34 \setcounter{page}{1}%
35 }

```

Change History

v1.0
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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<code>\@author</code> 23		
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\renewenvironment . 21		\setcounter	19, 34	