Documentation for the Krantz LaTeX Style File provided by CRC Press v1.11

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The Krantz Style File

This document shows some of the options available for the Krantz style file. It is limited in scope, pertaining to the unique features of the style file, and you are strongly encouraged to see the other documentation files for more information about structuring your manuscript and using LaTeX. There is also an example tex file that can be used as a template.

The style file replaces the standard book document class. The essential modifications are made to the following things:

- trim size, text area and crop marks

- chapter and section headings

- running headers and placement of page numbers

Therefore, packages that change these attributes are incompatible with the style file. For example, geometry, fancyhdr, etc., should not be used.

1.1 Using the Style File

The file krantz.cls should be kept in the same directory as your main tex file. At the beginning of your main tex file use the command

```
\documentclass[option1,option2,etc.]{krantz}.
```

Some of the custom options are described below, but most of the options for the standard book document class are inherited as well.

1.1.1 Trim Size Options

There are three options for the trim size.

default 6×9 inches. (You don't have to type default.)

krantz1 $6^{1}/_{8} \times 9^{1}/_{4}$ inches.

krantz2 7×10 inches.

Changing the trim size will have significant effects; the number of pages will increase or decrease, and equations, figures and tables may break into the margins. Therefore, it's best to set the trim size correctly as soon as possible to avoid having to go back and fix things up later.

1.1.2   Chapter Table of Contents

If you'd like to have a table of contents for each chapter listed at the beginning of each chapter, use the option

```
\documentclass[ChapterTOCs]{krantz}
```

1.1.3   Multi Author Chapters

To list the different authors who have contributed to a chapter, use the command

```
\chapterauthor{Author Name}{Author Affiliation}
```

before the chapter is started with `\chapter{Chapter Title}`. You will need to have the ChapterTOCs option enabled for this to work.

1.1.4   Running Heads

By default the running heads have the book title on the verso (even) pages and the chapter title on the recto (odd) pages, alternatively, it's possible to have the chapter title on the verso page and the section title on the recto page with the command `\HeadingsChapterSection` placed in the preamble of the document. This command should be used carefully however. If a section doesn't appear soon enough after a new chapter begins, the running head will be blank on the recto pages. Care must be taken to make sure that parts like the Table of Contents, List of Figures, and so on have the right running heads as well.

1.1.5   Other Options

There are other options available, but you will not likely need them. You can see them in the krantz.cls file if you wish. If no options are specified, the default options are:

```
letterpaper,10pt,twoside,onecolumn,final,openright
```

1.1.6   Custom Environments

Unique commands are provided for several new environments. There are indeed packages that provide similar features; you are encouraged to use whatever works best for you. Note that these environments might break over pages if their contents are too long.

The following new environments can be used (in these examples `\lipsum` produces lorem ipsum filler text, and is provided by the `lipsum` package):

VF

```
\begin{VF}
\lipsum[1]
\VA{John Doe}{Illustrious Title}
\end{VF}
```

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

John Doe
Illustrious Title

VT1

```
\begin{VT1}
\VH{Think About It \dots}
\lipsum[2]
\VTA{The Next Big Thing}{Marketing Weekly}
\end{VT1}
```

Think About It ...

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

The Next Big Thing
Marketing Weekly

---

shadebox Note: This doesn't work with the pdftex engine.

```
\begin{shadebox}
\lipsum[3]
\end{shadebox}
```

> Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

extract

```
\begin{extract}
\lipsum[4]
\end{extract}
```

> Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

shortbox

```
\Boxhead{This is the Title of the Box}
\begin{shortbox}
\lipsum[5]
\end{shortbox}
```

This is the Title of the Box

> Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetuer.

symbollist This should have its own page in the frontmatter of the book, if it's going to be used. You will need the `multicol` package for this to work. Adding more or fewer 0's to the argument changes the spacing.

```
\begin{symbollist}{00}
\symbolentry{$\alpha$}{One must know
their $\alpha,\beta,\gamma$'s.}
\symbolentry{$\aleph$}{They're really not so
different from the $\aleph,\beth,\gimel$'s.}
\symbolentry{\textthorn}{\textthorn e olde shoppe.
How'd this end up looking like y?}
\symbolentry{\textwynn}{w's indeed less confusing.}
\end{symbollist}
```

Symbol Description

α One must know their α, β, γ's.

$\aleph$ They're really not so different from the $\aleph, \beth, \gimel$'s.

þ   þe olde shoppe. How'd this end up looking like y?

ƿ   w's indeed less confusing.

Glossary

```
\begin{Glossary}
\item[360 Degrees] Exactly one revolution.
\item[Aardvark] Lit.\ ``earth-pig.'' Also known as anteater.
\end{Glossary}
```

360 Degrees: Exactly one revolution.

Aardvark: Lit. "earth-pig." Also known as anteater.

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Further Advice

2.1   Other Packages

- Do not use `hyperref`, as this will give errors when used with this style file.

- To reduce or eliminate all of the font warnings that LaTeX has a tendency to produce, use the packages `\usepackage[T1]{fontenc}` followed by `\usepackage{lmodern}`. The `lmodern` package is an update of the standard Computer Modern fonts used with LaTeX. It might take a while for the `lmodern` package to install its fonts the first time you use it.

- To get rid of formatting on otherwise blank pages, use the `emptypage` package.

- To have chapter bibliographies, use the `bibunits` package.

- To have chapter indices, use the `multind` package.

2.2   Other Documentation

More in-depth guides exist which explain how to structure your manuscript, suggest helpful packages, and provide advice on other issues such as font embedding. If you need further advice, please consult them first.