

The CheatSheet class¹

Adrian C. Hinrichs

adrian.hinrichs@rwth-aachen.de

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Abstract

This Class provides a clean, multicolumn look designed for Cheat Sheets

Options

(Not)Inherited options

Because the class is inherited by article, every Option that can be passed to article, will be passed to article. There is only one restriction:

twocolumn Because I create the columns with `multicol`, `article` would screw up the layout if `twocolumn` would be passed, so this raises an error.

Own options

columns=<x> Sets the number of columns. Note that 1 column is not supported by `multicol` and will be set to 2. standard value is 4

Commands

None so far.

Dependencies

This class is build uppon article, so of course the first dependency is:

article 1992 LESLIE LAMPORT, 1994-97 FRANK MITTELBACH JOHANNES BRAAMS, THE L^AT_EX-TEAM,
<https://www.ctan.org/pkg/kvoptions>,

These are all required packages:

amsmath THE L^AT_EX-TEAM, FRANK MITTELBACH, RAINER SCHÖPF, ET AL.,
<https://www.ctan.org/pkg/amsmath>,
For better math-typesetting

amssymb AMERICAN MATHEMATICAL SOCIETY, [mirror.ctan.org/fonts/amsfonts/doc/amssymb.pdf](https://www.ctan.org/pkg/amssymb),
For more mathematical symbols

csquotes PHILIPP LEHMAN (INAKTIV), JOSEPH WRIGHT,
<https://www.ctan.org/pkg/csquotes>,
For better citation

etoolbox PHILIPP LEHMAN (INACTIVE), JOSEPH WRIGHT,
<https://www.ctan.org/pkg/etoolbox>,
The package is a toolbox of programming facilities geared primarily towards L^AT_EXclass and package authors

fontenc THE L^AT_EX-TEAM,
<https://www.ctan.org/pkg/fontenc>,
The package allows the user to select font encodings

kvoptions HEIKO OBERDIEK,
<https://www.ctan.org/pkg/kvoptions>,
for key=value-style options

libertine BOB TENNENT,
<https://www.ctan.org/pkg/libertine>,
A nicer than default font (at least in my opinion)

mdframed MARCO DANIEL, ELKE SCHUBERT,
<https://www.ctan.org/pkg/mdframed>,
Provides breakable, colored, framed boxes

multicol THE L^AT_EX-TEAM, FRANK MITTELBACH,
<https://www.ctan.org/pkg/multicol>,
Provides the multicolumn-layout

suffix DAVID KASTRUP,
<https://www.ctan.org/pkg/suffix>,
Makes it easy to define `\macro*` commands

xcolor UWE KERN, <https://www.ctan.org/pkg/xcolor>,
Based uppon `color`, it provides colors

xifthen JOSSELIN NOIREL,
<https://www.ctan.org/pkg/xifthen>,
For if-else-structures

Development and support

The class is developed at *GitHub*:

<https://github.com/ACHinrichs/LaTeX-templates>

Please refer to that site for any bug report or development information.

Changelog

v0.2 - 2017/07/06 Initial

v0.4 - 2017/07/29 Enclose document with `multicol` (technicaly, it is the other way around)

Note: The minor version of stable versions is always even, the minor version of unstable versions is always odd. There are no unstable patch-versions, instead unstable versions get an alphabetical suffix.

Credits

This class is not based upon, but inspired by a document I found on STACKOVERFLOW. Unfortunately, I can't find it anymore. If you happen to find it, feel free to open a Pull-Request (or an Issue, or send me an E-Mail) , so that I can credit him or her!

Known Bugs

- When trying to use `\lstinline` in the label of an `description`-item, the code-snippet will be displayed at the bottom of the column. Possibly relates to floats not being supported by `multicol`

Examples

For examples, pleas see the Git-Repo at <https://github.com/ACHinrichs/LaTeX-templates> or my CheatSheets at <https://github.com/ACHinrichs/CheatSheets> or **this document!**

Minimal Document

```
\documentclass[a4paper,landscape,columns=3]{CheatSheet}
\usepackage{hyperref}

\title{Cheat--Sheet}
\author{A. Uthor\\\href{mailto:author@mail.eg}{author@mail.eg}}
\date{\today}
\begin{document}
\maketitle
\section{Some things}
Cheats
\section{Other things}
more Cheats
\end{document}
```

⁰This document corresponds to CheatSheet.cls v0.4, dated 2017/07/29