

# The cheatsheet class<sup>1</sup>

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 upon article, so of course the first dependency is:

**article** 1992 LESLIE LAMPORT, 1994-97 FRANK MITTELBACH JOHANNES BRAAMS, THE L<sup>A</sup>T<sub>E</sub>X-TEAM,  
<https://www.ctan.org/pkg/kvoptions>,

These are all required packages:

**amsmath** THE L<sup>A</sup>T<sub>E</sub>X-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/fonts/amsfonts/doc/amssymb.pdf),  
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<sup>A</sup>T<sub>E</sub>Xclass and package authors

**fontenc** THE L<sup>A</sup>T<sub>E</sub>X-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<sup>A</sup>T<sub>E</sub>X-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 upon `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)

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

**v0.8 - 2017/01/08** Change names to match CTANS requirements

**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}
```

<sup>0</sup>This document corresponds to cheatsheet.cls v0.7, dated 2017/08/01