

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

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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  $\text{\LaTeX}$ -TEAM, <https://www.ctan.org/pkg/kvoptions>,

These are all required packages:

**amsmath** THE  $\text{\LaTeX}$ -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  $\text{\LaTeX}$ class and package authors

**fontenc** THE  $\text{\LaTeX}$ -TEAM, <https://www.ctan.org/pkg/fontenc>, The package allows the user to select font encodings

**hyperref** SEBASTIAN RAHTZ, HEIKO OBERDIEK, <https://www.ctan.org/pkg/hyperref>, I originally did not want to include it, but apparently I can not use `\AtBeginDocument` if `hyperref` is not the first Package to be loaded. If anyone has an other solution, please let me know!

**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  $\text{\LaTeX}$ -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)

**v0.8 - 2017/08/18** Change names to match CTANS requirements, Fix a possibly old Bug, could date back to **v0.4**

**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.

<sup>1</sup>This document corresponds to cheatsheet.cls v1.0, dated 2017/08/18

## 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}
```