

CTAN:macros/latex/contrib/oberdiek/

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2019/12/29

1 Overview

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*Please report any issues at <https://github.com/ho-tex/oberdiek/issues>

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2 Packages

The **aliascnt** package

Abstract

Package `aliascnt` introduces *alias counters* that share the same counter register and clear list.

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The `bmpsize` package

Abstract

Package `bmpsize` analyzes bitmap images to extract size and resolution data. It adds this feature to the graphics package that now do not need separate bounding box files for bitmap images. Additionally the implementation for the inclusion of bitmap images in some drivers of package `graphicx` are rewritten to support options `viewport`, `trim` and `clip`.

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The centernot package

Abstract

This package provides `\centernot` that prints the symbol `\not` on the following argument. Unlike `\not` the symbol is horizontally centered.

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The chemarr package

Abstract

Very often chemists need a longer version of reaction arrows (`\rightleftharpoons`) with the possibility to put text above and below. Analogous to `amsmath`'s `\xrightarrow` and `\xleftarrow` this package provides the macro `\xrightleftharpoons`.

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The classlist package

Abstract

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The colonequals package

Abstract

Package colonequals defines poor man’s symbols for math relation symbols such as “colon equals”. The colon is centered around the horizontal math axis.

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The dvipscol package

Abstract

Color support for dvips in `dvips.def` involves the color stack of dvips. The package tries to remove unnecessary uses of the stack to avoid the error “out of color stack space”.

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The engord package

Abstract

The package generates the suffix of English ordinal numbers. It can be used with plain and L^AT_EX formats.

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The enparen package

Abstract

The package defines macros to set parentheses that automatically change the symbols from inner to outer fences.

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The eolgrab package

Abstract

This package implements a generic argument grabber to catch an argument that is delimited by the line end.

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The fibnum package

Abstract

The package fibnum provides expandable fibonacci numbers for both L^AT_EX and plain T_EX.

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The flags package

Abstract

Package flags allows the setting and clearing of flags in bit fields and converts the bit field into a decimal number. Currently the bit field is limited to 31 bits.

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The holtxdoc package

Abstract

The package is used for the documentation of my packages in DTX format. It contains some private macros and setup for my needs. Thus do not use it. I have separated the part that may be useful for others in package hypdoc.

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The hopatch package

Abstract

This packages provides a wrapper to various package hooks provided by other packages or classes, but does not define own hooks.

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The hypbmsec package

Abstract

This package expands the syntax of the sectioning commands. If the argument of the sectioning commands isn't usable as outline entry, a replacement for the bookmarks can be given.

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The hypcap package

Abstract

This package tries a solution of the problem with hyperref, that links to floats points below the caption and not at the beginning of the float. Therefore this package divides the task into two part, the link setting with `\capstart` or automatically at the beginning of a float and the rest in the `\caption` command.

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The hypdestopt package

Abstract

Package hypdestopt supports hyperref's pdfTeX driver. It removes unnecessary destinations and shortens the destination names or uses numbered destinations to get smaller PDF files.

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The hypdoc package

Abstract

This package adds hyper features to the package `doc` that is used in the documentation system of $\text{\LaTeX}2_{\epsilon}$. Bookmarks are added and references are linked as far as possible.

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The hypgotoe package

Abstract

Experimental package for links to embedded files.

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The hyphsubst package

Abstract

A $\text{T}_{\text{E}}\text{X}$ format file may include alternative hyphenation patterns for a language with a different name. If the naming convention follows `babel`'s rules, then the hyphenation patterns for a language can be replaced by the alternative hyphenation patterns, provided in the format file.

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The ifdraft package

Abstract

The package provides an interface for selecting code depending on the options draft and final.

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The iflang package

Abstract

This package provides expandible checks for the current language based on macro `\language` or hyphenation patterns.

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The pagegrid package

Abstract

The L^AT_EX package prints a page grid in the background.

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The pagesel package

Abstract

Single pages or page areas can be selected for output.

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The pdfcol package

Abstract

Since version 1.40 pdfTeX supports color stacks. The driver file `pdftex.def` for package `color` defines and uses a main color stack since version v0.04b. Package `pdfcol` is intended for package writers. It defines macros for setting and maintaining new color stacks.

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The pdfcolfoot package

Abstract

Since version 1.40 pdf_TE_X supports several color stacks. This package uses a separate color stack for footnotes that can break across pages.

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The pdfcolparallel package

Abstract

This packages fixes bugs in `parallel` and improves color support by using several color stacks that are provided by pdfTEX since version 1.40.

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The pdfcolparcolumns package

Abstract

Since version 1.40 pdf_TE_X supports several color stacks. This package uses them to fix color problems in package parcolumns.

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The pdfcrypt package

Abstract

This package supports the setting of pdf encryption options for V_TE_X and some older versions of pdfT_EX.

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The pdfrender package

Abstract

The PDF format has some graphics parameter like line width or text rendering mode. This package provides an interface for setting these parameters.

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The protecteddef package

Abstract

This packages provides `\ProtectedDef` for defining robust macros for both plain `TeX` and `LATeX`. First `ε-TeX`'s `\protected` is tried, then `LATeX`'s `\DeclareRobustCommand` is used. Otherwise the macro is not made robust.

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1.2	The <code>ε-TeX</code> 's way	2
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	[2016/05/16 v1.1]	8
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The `resizegather` package

Abstract

Equations that are too large are resized to fit the available space. The environment `gather` of package `amsmath` is supported. Also the environments `equation` and `displaymath` are redefined using `gather` and its starred version.

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The rotchiffre package

Abstract

This package implements chiffres ROT13 with its variants ROT5, ROT18, and ROT47.

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The `scrindex` package

Abstract

This package redefines environment ‘theindex’ of package `index`, if a class from KOMA-Script is loaded. Also option `idxotoc` is supported. Index preambles can be given either by means of package `index` or via the interface provided by KOMA-Script.

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1.1	Usage	2
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The `setouterhbox` package

Abstract

If math stuff is set in an `\hbox`, then TeX performs some optimization and omits the implicate penalties `\binoppenalty` and `\relpenalty`. This package tries to put stuff into an `\hbox` without getting lost of those penalties.

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The `settobox` package

Abstract

Commands are defined for getting box sizes similar to L^AT_EX's `\settowidth` commands.

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The stackrel package

Abstract

This package adds an optional argument to `\stackrel` for putting something below the relational symbol and defines `\stackbin` for binary symbols.

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The stampinclude package

Abstract

The package replaces `\includeonly` and selects the files for `\include` by inspecting the time stamp of the `.aux` file. The file is selected for inclusion if the `.aux` file does not yet exist or is older than the corresponding `.tex` file.

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The tabularht package

Abstract

This package defines some environments that adds a height specification to tabular and array.

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The tabularkv package

Abstract

This package adds a key value interface for tabular by the new environment `tabularkv`. Thus the \TeX source code looks better by named parameters, especially if package `tabularht` is used.

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The telprint package

Abstract

Package telprint provides `\telprint` for formatting German phone numbers.

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1.3	Documentation in German	2
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The thepdfnumber package

Abstract

The package converts real numbers to a minimal representation that is stripped from leading or trailing zeros, plus signs and decimal point if not necessary.

1	Documentation	2
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The twoopt package

Abstract

This package provides commands to define macros with two optional arguments.

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