

CTAN:macros/latex/contrib/oberdiek/

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1 Overview

accsupp (contents)	Accessibility support by marked content	[ctan]
aliascnt (contents)	Alias counters	[ctan]
alphalph (contents)	Convert numbers to letters	[ctan]
askinclude (contents)	Interactive asking of included files	[ctan]
atbegshi (contents)	At begin shipout hook	[ctan]
atenddvi (contents)	At end DVI hook	[ctan]
atveryend (contents)	Hooks at the very end of document	[ctan]
auxhook (contents)	Hooks for auxiliary files	[ctan]
bigintcalc (contents)	Expandable calculations on big integers	[ctan]
bitset (contents)	Handle bit-vector datatype	[ctan]
bmpsize (contents)	Extract size/resolution from bitmap files	[ctan]

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

catchfile (contents)	Catch the contents of a file	[ctan]
centernot (contents)	Centers the not symbol horizontally	[ctan]
chemarr (contents)	Arrows for chemical reactions	[ctan]
classlist (contents)	Record classes used in a document	[ctan]
colonequals (contents)	Colon equals symbols	[ctan]
dvipscol (contents)	Alter the usage of the dvips color stack	[ctan]
engord (contents)	Provides English ordinal numbers	[ctan]
enparen (contents)	Parentheses nesting	[ctan]
eolgrab (contents)	Catch arguments delimited by end of line	[ctan]
etexcmds (contents)	Avoid name clashes with ε -TeX commands	[ctan]
fibnum (contents)	Fibonacci numbers	[ctan]
flags (contents)	Setting/clearing of flags in bit fields	[ctan]
getttitlestring (contents)	Cleanup title references	[ctan]
hologo (contents)	A logo collection with bookmark support	[ctan]
holtxdoc (contents)	Private additional ltxdoc support	[ctan]
hopatch (contents)	Wrapper for package hooks	[ctan]
hycolor (contents)	Color options for hyperref/bookmark	[ctan]
hypbmsec (contents)	Bookmarks in sectioning commands	[ctan]

hypcap (contents)	Adjusting the anchors of captions	[ctan]
hypdestopt (contents)	Hyperref destination optimizer	[ctan]
hypdoc (contents)	Hyper extensions for doc.sty	[ctan]
hypgotoe (contents)	Links to embedded files	[ctan]
hyphsubst (contents)	Substitute hyphenation patterns	[ctan]
ifdraft (contents)	Detect class options draft and final	[ctan]
iflang (contents)	Checks for the current language	[ctan]
intcalc (contents)	Expandable calculations with integers	[ctan]
kvdefinekeys (contents)	Define keys	[ctan]
kvsetkeys (contents)	Key value parser	[ctan]
listingsutf8 (contents)	Allow UTF-8 in listings input	[ctan]
ltxcmds (contents)	L ^A T _E X kernel commands for general use	[ctan]
pagegrid (contents)	Print page grid in background	[ctan]
pagesel (contents)	Select pages of a document for output	[ctan]
pdfcol (contents)	Handle new color stacks for pdfT _E X	[ctan]
pdfcolfoot (contents)	Color stack for footnotes with pdfT _E X	[ctan]
pdfcolparallel (contents)	Color stacks support for parallel	[ctan]
pdfcolparcolumns (contents)	Color stacks for parcolumns	[ctan]

pdfcrypt (contents)	Allows the setting of PDF encryption	[ctan]
pdfescape (contents)	Implements pdfT _E X's escape features	[ctan]
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pdfrender (contents)	Access to some PDF graphics parameters	[ctan]
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pmboxdraw (contents)	Poor man's box drawing characters	[ctan]
protecteddef (contents)	Define protected commands	[ctan]
refcount (contents)	Data extraction from label references	[ctan]
rerunfilecheck (contents)	Rerun checks for auxiliary files	[ctan]
resizegather (contents)	Resize overly large equations	[ctan]
rotchiffre (contents)	Perform simple rotation ciphers	[ctan]
scrindex (contents)	Package index with KOMA-Script classes	[ctan]
selinput (contents)	Semi-automatic input encoding detection	[ctan]
setouterhbox (contents)	Set hbox in outer horizontal mode	[ctan]
settobox (contents)	Assign box dimensions to length registers	[ctan]
soulutf8 (contents)	Permit use of UTF-8 characters in soul	[ctan]
stackrel (contents)	Adding subscript option to stackrel	[ctan]
stampinclude (contents)	Include files based on time stamps	[ctan]

tabularht (contents)	Tabular with height specified	[ctan]
tabularkv (contents)	Tabular with key value interface	[ctan]
telprint (contents)	Format German phone numbers	[ctan]
thepdfnumber (contents)	Print PDF numbers with minimal digits	[ctan]
twoopt (contents)	Definitions with two optional arguments	[ctan]
uniquecounter (contents)	Provide unlimited unique counter	[ctan]

2 Packages

The **accsupp** package

Abstract

Since PDF 1.5 portions of a page can be marked for better accessibility support. For example, replacement texts or expansions of abbreviations can be provided. Package **accsupp** starts with providing a minimal low-level interface for programmers. Status is experimental.

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The aliascnt package

Abstract

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

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The alphalph package

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The package provides methods to represent numbers with a limited set of symbols. Both L^AT_EX and plain T_EX are supported.

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The askinclude package

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The atbegshi package

Abstract

This package is a modern reimplementaion of package `everyshi` without the burden of compatibility. It makes use of ε -TeX's if available. Both L^AT_EX and plain-T_EX are supported.

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The atenddvi package

Abstract

L^AT_EX offers `\AtBeginDvi`. This package `atenddvi` provides the counterpart `\AtEndDvi`. The execution of its argument is delayed to the end of the document at the end of the last page. Thus `\special` and `\write` remain effective, because they are put into the last page. This is the main difference to `\AtEndDocument`.

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The atveryend package

Abstract

This L^AT_EX package provides two hooks for `\end{document}` that are executed after the hook of `\AtEndDocument`. `\AfterLastShipout` can be used for code that is to be executed right after the last `\clearpage` before the `.aux` file is closed. `\AtVeryEndDocument` is used for code after closing and final reading of the `.aux` file.

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The auxhook package

Abstract

Package auxhook provides hooks for adding stuff at the begin of .aux files.

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The bigintcalc package

Abstract

This package provides expandable arithmetic operations with big integers that can exceed \TeX 's number limits.

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The bitset package

Abstract

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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 catchfile package

Abstract

This package catches the contents of a file and puts it in a macro. It requires ϵ -TeX. Both L^AT_EX and plain-T_EX are supported.

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3.4	Refresh file name databases	8
3.5	Some details for the interested	8
4	History	9
	[2007/05/30 v1.0]	9
	[2007/09/09 v1.1]	9
	[2007/11/11 v1.2]	9
	[2010/03/01 v1.3]	9
	[2010/04/08 v1.4]	9
	[2010/04/28 v1.5]	9
	[2011/03/01 v1.6]	9
	[2016/05/16 v1.7]	9
5	Index	9

The centernot package

Abstract

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

1	User interface	1
2	Implementation	2
3	Installation	2
3.1	Download	2
3.2	Bundle installation	3
3.3	Package installation	3
3.4	Refresh file name databases	3
3.5	Some details for the interested	3
4	History	4
[2006/12/02 v1.0]	. . . . .	4
[2007/05/31 v1.1]	. . . . .	4
[2010/03/29 v1.2]	. . . . .	4
[2011/07/11 v1.3]	. . . . .	4
[2016/05/16 v1.4]	. . . . .	4
5	Index	4

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`.

1	Usage	1
1.1	Example	2
2	Implementation	2
3	Installation	3
3.1	Download	3
3.2	Bundle installation	3
3.3	Package installation	3
3.4	Refresh file name databases	4
3.5	Some details for the interested	4
4	History	4
[2001/06/21 v1.0]	. . . . .	4
[2001/06/22 v1.1]	. . . . .	4
[2006/02/20 v1.2]	. . . . .	5
[2016/05/16 v1.3]	. . . . .	5
5	Index	5

The classlist package

Abstract

This package records the loaded classes and stores them in a list.

1	Documentation	1
1.1	Background	1
1.2	Usage	2
2	Implementation	2
3	Installation	4
3.1	Download	4
3.2	Bundle installation	5
3.3	Package installation	5
3.4	Refresh file name databases	5
3.5	Some details for the interested	5
4	History	6
	[2005/06/19 v1.0]	6
	[2005/06/19 v1.1]	6
	[2006/02/20 v1.2]	6
	[2008/08/11 v1.3]	6
	[2011/10/17 v1.4]	6
	[2016/05/16 v1.5]	6
5	Index	6

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.

1	User interface	1
1.1	Introduction	1
1.2	Symbols	2
1.3	Fine tuning	3
1.3.1	Example	3
2	Implementation	3
2.1	Identification	3
2.2	Distance control	3
2.3	Centered colons	3
2.4	Combined symbols	4
3	Installation	5
3.1	Download	5
3.2	Bundle installation	5
3.3	Package installation	5
3.4	Refresh file name databases	6
3.5	Some details for the interested	6
4	References	6
5	History	6
	[2006/08/01 v1.0]	6
	[2016/05/16 v1.1]	7
6	Index	8

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”.

1	Documentation	1
1.1	Introduction	1
1.2	Usage	2
1.2.1	With ε -TEX	2
1.2.2	Without ε -TEX	2
2	Implementation	2
3	Installation	3
3.1	Download	3
3.2	Bundle installation	3
3.3	Package installation	4
3.4	Refresh file name databases	4
3.5	Some details for the interested	4
4	History	4
[2000/08/31 v1.0]	. . . . .	4
[2006/02/20 v1.1]	. . . . .	5
[2008/08/11 v1.2]	. . . . .	5
[2016/05/16 v1.3]	. . . . .	5
5	Index	5

The engord package

Abstract

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

1	Usage	2
1.1	Package options	2
1.2	Examples	2
2	Implementation	3
2.1	Reload check and identification	3
2.2	Help commands for plain compatibility	4
2.3	User macros	5
2.4	Suffix generation	6
3	Installation	8
3.1	Download	8
3.2	Bundle installation	8
3.3	Package installation	8
3.4	Refresh file name databases	9
3.5	Some details for the interested	9
4	History	9
	[2000/05/23 v1.0]	9
	[2003/04/28 v1.1]	9
	[2006/02/20 v1.2]	10
	[2007/04/11 v1.3]	10
	[2007/04/26 v1.4]	10
	[2007/09/09 v1.5]	10
	[2007/09/20 v1.6]	10
	[2008/08/11 v1.7]	10
	[2010/03/01 v1.8]	10
	[2016/05/16 v1.9]	10
5	Index	10

The enparen package

Abstract

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

1	Documentation	2
1.1	User macros	2
1.2	Contexts	3
1.3	Options	3
1.4	Notes	4
2	Implementation	4
2.1	Resources	4
2.2	Contexts	5
2.2.1	Stack for contexts	5
2.2.2	Context user macros	5
2.3	Symbols	6
2.4	Main user macros	7
2.5	Options	8
2.6	Context settings	8
2.7	At end of document	9
3	Installation	10
3.1	Download	10
3.2	Bundle installation	10
3.3	Package installation	10
3.4	Refresh file name databases	10
3.5	Some details for the interested	10
4	References	11
5	History	11
	[2012/01/07 v1.0]	11
	[2016/05/16 v1.1]	11
6	Index	11

The eolgrab package

Abstract

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

1	Documentation	1
1.1	Examples	2
1.1.1	Small L ^A T _E X document as example	4
1.1.2	L ^A T _E X document with environments	4
1.2	Limitations	4
2	Implementation	5
2.1	Reload check and package identification	5
2.2	Catcodes	6
2.3	Resources	7
2.4	Macro \eolgrab	7
3	Installation	8
3.1	Download	8
3.2	Bundle installation	9
3.3	Package installation	9
3.4	Refresh file name databases	9
3.5	Some details for the interested	9
4	References	10
5	History	10
	[2011/01/12 v1.0]	10
	[2016/05/16 v1.1]	10
6	Index	10

The etexcmds package

Abstract

New primitive commands are introduced in ε -TeX. Sometimes the names collide with existing macros. This package solves this name clashes by adding a prefix to ε -TeX's commands. For example, ε -TeX's `\unexpanded` is provided as `\etex@unexpanded`.

1	Documentation	2
1.1	<code>\unexpanded</code>	2
1.2	<code>\expanded</code>	2
2	Implementation	2
2.1	Reload check and package identification	2
2.2	Catcodes	3
2.3	Provide <code>\newif</code>	4
2.4	Load package <code>infwarerr</code>	4
2.5	<code>\unexpanded</code>	5
2.6	<code>\expanded</code>	6
3	Installation	7
3.1	Download	7
3.2	Bundle installation	7
3.3	Package installation	7
3.4	Refresh file name databases	8
3.5	Some details for the interested	8
4	History	8
	[2007/05/06 v1.0]	8
	[2007/09/09 v1.1]	8
	[2007/12/12 v1.2]	8
	[2010/01/28 v1.3]	8
	[2011/01/30 v1.4]	8
	[2011/02/16 v1.5]	9
	[2016/05/16 v1.6]	9
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The fibnum package

Abstract

The package `fibnum` provides expandable fibonacci numbers for both \LaTeX and plain \TeX .

1	Documentation	1
2	Implementation	4
2.1	Identification	4
2.2	Package resources	6
2.3	Setup precalculated values	6
2.4	Macros for precalculating values	7
2.5	Expandable calculations	8
3	Installation	9
3.1	Download	9
3.2	Bundle installation	9
3.3	Package installation	9
3.4	Refresh file name databases	10
3.5	Some details for the interested	10
4	References	10
5	History	11
	[2012/04/08 v1.0]	11
	[2016/05/16 v1.1]	11
6	Index	11

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.

1	Documentation	1
1.1	User interface	2
1.2	Requirements	2
1.3	ToDo	2
2	Implementation	3
3	Installation	6
3.1	Download	6
3.2	Bundle installation	6
3.3	Package installation	6
3.4	Refresh file name databases	6
3.5	Some details for the interested	6
4	History	7
[2007/02/18 v0.1]	. . . . .	7
[2007/03/07 v0.2]	. . . . .	7
[2007/03/31 v0.3]	. . . . .	7
[2007/09/30 v0.4]	. . . . .	7
[2016/05/16 v0.5]	. . . . .	7
5	Index	7

The `getttitlestring` package

Abstract

The `LaTeX` package addresses packages that are dealing with references to titles (`\section`, `\caption`, ...). The package tries to remove `\label` and other commands from title strings.

1	Documentation	2
1.1	Macros	2
1.2	Options	2
2	Implementation	3
2.1	Options	4
2.2	<code>\GetTitleString</code>	5
2.2.1	Expand method	5
2.2.2	Non-expand method	6
3	Installation	8
3.1	Download	8
3.2	Bundle installation	8
3.3	Package installation	8
3.4	Refresh file name databases	8
3.5	Some details for the interested	9
4	References	9
5	History	9
	[2009/12/08 v1.0]	9
	[2009/12/12 v1.1]	9
	[2009/12/13 v1.2]	9
	[2009/12/18 v1.3]	9
	[2010/12/03 v1.4]	10
	[2016/05/16 v1.5]	10
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The hologo package

Abstract

This package starts a collection of logos with support for bookmarks strings.

1	Documentation	3
1.1	Logo macros	3
1.2	Setup macros	4
1.3	Options	4
1.4	Driver options	5
1.5	Font setup	6
1.5.1	Font order	6
1.6	Additional user macros	7
1.7	Supported contexts	7
1.8	Example	7
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2.5	Break/no-break support	16
2.6	Font support	17
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2.7.2	<code>\hologoRobust</code> and friends	23
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2.9.5	L ^A TeX 2 _ε	32
2.9.6	L ^A TeX3	33
2.9.7	L ^A TeXML	34
2.9.8	ε-TeX	34
2.9.9	iniTeX	35
2.9.10	virTeX	35
2.9.11	SLiTeX	36
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2.9.13	LuaL ^A TeX	39
2.9.14	X _q TeX, X _q L ^A TeX	39
2.9.15	pdfTeX, pdfL ^A TeX	44
2.9.16	VTeX	44

2.9.17	$\mathcal{A}\mathcal{M}\mathcal{S}$, ...	45
2.9.18	B _I B _T E _X	46
2.9.19	B _I B _T E _X 8	48
2.9.20	ConT _E Xt	48
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2.9.22	ϵ _X T _E X	50
2.9.23	MiK _T E _X	51
2.9.24	OzT _E X and friends	51
2.9.25	PCT _E X	52
2.9.26	P _I CT _E X	52
2.9.27	teT _E X	54
2.9.28	T _E X4ht	54
2.9.29	SageT _E X	54
2.10	METAFONT and friends	54
2.11	Others	55
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2.11.2	KOMA-Script	55
2.11.3	L _X X	57
2.11.4	$\mathcal{N}\mathcal{T}\mathcal{S}$	57
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2.11.6	Hàn Thế Thành	58
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2.12.1	Reflect box macros	62
3	Installation	64
3.1	Download	64
3.2	Bundle installation	65
3.3	Package installation	65
3.4	Refresh file name databases	65
3.5	Some details for the interested	65
4	References	66
5	History	66
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	[2010/04/16 v1.1]	66
	[2010/04/24 v1.2]	66
	[2010/11/21 v1.3]	66
	[2011/03/25 v1.4]	66
	[2011/04/21 v1.5]	67
	[2011/10/01 v1.6]	67
	[2011/11/22 v1.7]	67
	[2011/11/29 v1.8]	67
	[2011/12/21 v1.9]	67
	[2012/04/26 v1.10]	67
	[2016/05/12 v1.11]	67
	[2016/05/16 v1.12]	67

[2017/05/01 v1.13]	67
6 Index	68

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.

1	No usage	2
2	Implementation	2
2.1	Help macros	2
2.2	Font setup for Lua ^A T _E X	3
2.3	Date	3
2.4	History	3
2.5	Formatting macros	4
2.6	Names	6
2.7	Setup	6
2.7.1	Package doc	6
2.7.2	Page layout	7
3	Installation	7
3.1	Download	7
3.2	Bundle installation	7
3.3	Package installation	7
3.4	Refresh file name databases	8
3.5	Some details for the interested	8
4	History	8
[1999/06/26 v0.3]		8
[2000/08/14 v0.4]		8
[2001/08/27 v0.5]		8
[2001/09/02 v0.6]		9
[2006/06/02 v0.7]		9
[2007/10/21 v0.8]		9
[2007/11/11 v0.9]		9
[2007/12/12 v0.10]		9
[2008/08/11 v0.11]		9
[2009/08/07 v0.12]		9
[2009/12/02 v0.13]		9
[2010/02/03 v0.14]		9
[2010/03/10 v0.15]		9
[2010/04/03 v0.16]		9
[2010/04/08 v0.17]		9
[2010/04/18 v0.18]		9
[2010/04/24 v0.19]		10
[2010/12/03 v0.20]		10
[2011/02/04 v0.21]		10

[2011/11/22 v0.22]	10
[2012/03/07 v0.23]	10
[2012/03/21 v0.24]	10
[2016/05/16 v0.25]	10
[2016/05/16 v0.26]	10
[2016/05/17 v0.27]	10
[2019/07/27 v0.28]	10
[2019/11/12 v0.29]	10
5 Index	10

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.

1	Documentation	1
2	Implementation	3
2.1	Catcodes and package identification	3
2.2	Resources	4
2.3	Package patching	4
3	Installation	6
3.1	Download	6
3.2	Bundle installation	6
3.3	Package installation	6
3.4	Refresh file name databases	6
3.5	Some details for the interested	7
4	References	7
5	History	7
[2011/01/30 v1.0]	. . . . .	7
[2011/06/24 v1.1]	. . . . .	7
[2012/05/28 v1.2]	. . . . .	7
[2016/05/16 v1.3]	. . . . .	8
6	Index	8

The hycolor package

Abstract

Package hycolor implements the color option stuff that is used by packages hyperref and bookmark. It is not intended as package for the user.

1	Documentation	2
1.1	Summary	2
2	Implementation	3
2.1	Normalization	3
2.1.1	Sanitize value of color option	3
2.1.2	Normalize result	4
2.2	Main algorithm for color options	5
2.3	Package bookmark	5
2.4	Utils	7
2.5	Package hyperref	8
2.5.1	Options Hyp.*color	8
2.5.2	Generic algorithm	11
2.5.3	Field options	13
2.5.4	Detection for naked RGB values	13
2.5.5	Options *bordercolor	15
2.6	Package attachfile2	16
2.7	Patch for package xcolor	19
2.7.1	Fix fragile \@frameb@x	21
3	Installation	22
3.1	Download	22
3.2	Bundle installation	22
3.3	Package installation	22
3.4	Refresh file name databases	23
3.5	Some details for the interested	23
4	History	23
	[2007/04/09 v1.0]	23
	[2007/04/11 v1.1]	23
	[2008/07/29 v1.2]	23
	[2008/08/01 v1.3]	23
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	[2011/01/30 v1.7]	24
	[2016/05/16 v1.8]	24
5	Index	24

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.

1	Usage	2
1.1	Bookmarks restrictions	2
1.2	<code>\texorpdfstring</code>	2
1.3	Sectioning commands	2
1.4	Places for sectioning strings	2
1.5	Solution with optional arguments	3
1.6	Syntax	3
1.6.1	Star form	3
1.6.2	Without optional arguments	3
1.6.3	One optional argument	3
1.6.4	Two optional arguments	3
1.6.5	Optional argument in parentheses	4
1.7	Without <code>hyperref</code>	4
1.8	Protecting parentheses	4
2	Implementation	4
3	Installation	7
3.1	Download	7
3.2	Bundle installation	8
3.3	Package installation	8
3.4	Refresh file name databases	8
3.5	Some details for the interested	8
4	History	9
	[1998/11/20 v1.0]	9
	[1999/04/12 v2.0]	9
	[2000/03/22 v2.1]	9
	[2006/02/20 v2.2]	9
	[2007/03/05 v2.3]	9
	[2007/04/11 v2.4]	9
	[2016/05/16 v2.5]	9
5	Index	9

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.

1	Usage	2
1.1	Package options	2
1.2	User commands	2
1.3	Limitations	3
2	Implementation	3
3	Installation	5
3.1	Download	5
3.2	Bundle installation	6
3.3	Package installation	6
3.4	Refresh file name databases	6
3.5	Some details for the interested	6
4	History	7
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[2000/08/14 v1.1]	7
[2000/09/07 v1.2]	7
[2001/08/27 v1.3]	7
[2001/09/06 v1.4]	7
[2006/02/20 v1.5]	7
[2007/02/19 v1.6]	7
[2007/04/09 v1.7]	. . . . .	7
[2008/04/14 v1.8]	. . . . .	8
[2008/08/11 v1.9]	. . . . .	8
[2008/09/08 v1.10]	. . . . .	8
[2011/02/16 v1.11]	. . . . .	8
[2016/05/16 v1.12]	. . . . .	8
5	Index	8

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.

1	User interface	2
1.1	Introduction	2
1.2	Requirements	2
1.3	Use	2
1.4	Limitations	3
1.5	Future	3
2	Implementation	3
2.1	Identification	3
2.2	Options	3
2.2.1	Option <code>verbose</code>	3
2.2.2	Options <code>num</code> and <code>name</code>	4
2.3	Check requirements	4
2.4	Preamble for auxiliary file	5
2.5	Generation of destination names	5
2.6	Assign destination names	6
2.7	Redefinition of <code>hyperref</code> 's hooks	7
2.7.1	Destination setting	7
2.7.2	Links	8
2.7.3	Outlines of package <code>hyperref</code>	8
2.7.4	Outlines of package <code>bookmark</code>	9
3	Installation	10
3.1	Download	10
3.2	Bundle installation	10
3.3	Package installation	10
3.4	Refresh file name databases	10
3.5	Some details for the interested	11
4	References	11
5	History	11
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	[2006/06/01 v2.0]	11
	[2007/11/11 v2.1]	11
	[2008/08/08 v2.2]	11
	[2011/05/13 v2.3]	12
	[2016/05/16 v2.4]	12
	[2016/05/21 v2.5]	12
6	Index	12

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.

1	Features	2
2	Usage	3
2.1	Options	3
2.2	Simple example	3
2.3	Example <code>source2e.tex</code>	4
3	Implementation	4
3.1	Options	4
3.2	Package loading	4
3.2.1	Patch for bug latex/4096	5
3.3	Bookmarks	6
3.4	<code>\tableofcontents</code>	6
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3.6	<code>\listoftables</code>	7
3.7	<code>\thebibliography</code>	7
3.8	<code>\theindex</code>	8
3.9	<code>\theglossary</code>	9
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3.11	<code>\PrintDescribeMacro</code>	12
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4.5	Some details for the interested	16
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	[2006/04/27 v1.2]	17

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[2006/06/02 v1.4]	17
[2007/04/11 v1.5]	17
[2007/11/12 v1.6]	17
[2009/12/10 v1.7]	17
[2010/02/03 v1.8]	17
[2010/03/26 v1.9]	17
[2011/05/05 v1.10]	17
[2011/08/19 v1.11]	17
[2016/05/16 v1.12]	18
[2016/10/02 v1.13]	18
[2018/09/07 v1.14]	18
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The hypgotoe package

Abstract

Experimental package for links to embedded files.

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The hyphsubst package

Abstract

A T_EX 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

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The iflang package

Abstract

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The intcalc package

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The kvdefinekeys package

Abstract

Package kvdefinekeys provides `\kv@define@key` to define keys the same way as keyval's `\define@key`. However, it works also using ini-TeX.

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The kvsetkeys package

Abstract

Package kvsetkeys provides `\kvsetkeys`, a variant of package keyval's `\setkeys`. It allows to specify a handler that deals with unknown options. Active commas and equal signs may be used (e.g. see babel's shorthands) and only one level of curly braces is removed from the values.

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The listingsutf8 package

Abstract

Package listings does not support files with multi-byte encodings such as UTF-8. In case of `\lstinputlisting` a simple workaround is possible if an one-byte encoding exists that the file can be converted to. Also ε -TeX and pdfTeX regardless of its mode are required.

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The ltxcmds package

Abstract

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The pagegrid package

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

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The pagesel package

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The pdfcol package

Abstract

Since version 1.40 pdfT_EX 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 pdfTeX 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

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The pdfcrypt package

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The pdfescape package

Abstract

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The pdfscape package

Abstract

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The pdfrender package

Abstract

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The picture package

Abstract

There are macro and environment arguments that expect numbers that will internally be multiplied with `\unitlength`. This package extends the syntax of these arguments that `dimens` with calculation support can be added for these arguments.

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The pmboxdraw package

Abstract

Package pmboxdraw declares box drawings characters of old code pages, e.g. cp437. It uses rules instead of using a font.

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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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The refcount package

Abstract

References are not numbers, however they often store numerical data such as section or page numbers. `\ref` or `\pageref` cannot be used for counter assignments or calculations because they are not expandable, generate warnings, or can even be links. The package provides expandable macros to extract the data from references. Packages `hyperref`, `nameref`, `titleref`, and `babel` are supported.

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The rerunfilecheck package

Abstract

The package provides additional rerun warnings if some auxiliary files have changed. It is based on MD5 checksum, provided by pdfTeX.

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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 **idxtotoc** 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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The selinput package

Abstract

This package selects the input encoding by specifying between input characters and their glyph names.

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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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1.2	Set box dimensions	2
1.3	Move box	2
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The soulutf8 package

Abstract

This package extends package `soul` and adds some support for UTF-8. Namely the input encodings `utf8.def` from package `inputenc` and package `ucs`'s `utf8x.def` are supported.

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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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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.

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The twoopt package

Abstract

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

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The uniquecounter package

Abstract

This package provides a kind of counter that provides unique number values. Several counters can be created by different names. The numeric values are not limited.

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