CTAN:macros/latex/contrib/oberdiek/

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2 Packages

The accsupp package

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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 atbegshi package

Abstract

This package is a modern reimplementation of package everyshi without the burden of compatibility. It makes use of ε-TEX's if available. Both LATEX and plain-TEX are supported.

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The atenddvi package

Abstract

LaTeX 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 attachfile2 package

Abstract

This package can be used to attach files to a PDF document. It is a further development of Scott Pakin's package attachfile for pdfTeX. Apart from bug fixes, package attachfile2 adds support for dvips, some new options, gets and writes meta information data about the attached files.

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The atveryend package

Abstract

This LaTeX 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

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The bigintcalc package

Abstract

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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.

1 Documentation **2**
1.1 Introduction . . . 2
1.2 Bitmap image parsers . . . 3
1.2.1 User interface . . . 3
1.2.2 Hints . . . 3
1.2.3 Test program . . . 4
1.2.4 Interface for programmers . . . 4
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[2007/11/11 v1.4] 59
[2008/08/11 v1.5] 59
[2009/09/04 v1.6] 59
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The bookmark package

Abstract

This package implements a new bookmark (outline) organization for package hyperref. Bookmark properties such as style and color can now be set. Other action types are available (URI, GoToR, Named). The bookmarks are generated in the first compile run. Package hyperref uses two runs.

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1.1 Introduction . . . 3
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1.2.2 Driver options . . . 4
1.2.3 Layout options . . . 4
1.2.4 Action options . . . 4
1.2.5 Level options . . . 5
1.2.6 Style definitions . . . 6
1.2.7 Hook support . . . 6
1.3 Compatibility with hyperref . . . 7
1.4 Adding bookmarks at the end . . . 7
1.5 Limitations/ToDos . . . 8

2 Example **8**

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3.1.2 Package options . . . 11
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[2009/12/06 v1.6] . . . 44
[2009/12/07 v1.7] . . . 44
[2009/12/17 v1.8] . . . 44
[2010/03/30 v1.9] . . . 45
[2010/04/03 v1.10] . . . 45
[2010/04/04 v1.11] . . . 45
[2010/04/08 v1.12] . . . 45
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[2010/09/02 v1.14] . . . 45
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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 LATEX and plain-TEX are supported.

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2 Implementation **2**
2.1 Reload check and package identification . . . 2
2.2 Catcodes . . . 3
2.3 Preparations . . . 4
2.4 Looking for primitive \input . . . 4
2.5 Input file check . . . 5
2.6 Catch file contents . . . 6

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3.1 Catcode checks for loading . . . 7
3.2 LATEX . . . 9
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4 Installation **12**
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4.2 Bundle installation . . . 12
4.3 Package installation . . . 12
4.4 Refresh file name databases . . . 12
4.5 Some details for the interested . . . 13

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6 History **14**
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[2007/11/11 v1.2] . . . 14
[2010/03/01 v1.3] . . . 14
[2010/04/08 v1.4] . . . 14
[2010/04/28 v1.5] . . . 14
[2011/03/01 v1.6] . . . 14
[2016/05/16 v1.7] . . . 14

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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.

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 Catalogue **4**

5 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] . . . 5
[2016/05/16 v1.4] . . . 5

6 Index **5**

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 Catalogue **4**

5 History **5**
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[2001/06/22 v1.1] 5
[2006/02/20 v1.2] 5
[2016/05/16 v1.3] 5

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The classlist package

Abstract

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

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1.1 Background 1
1.2 Usage 2

2 Implementation **2**

3 Installation **4**
3.1 Download 4
3.2 Bundle installation 4
3.3 Package installation 5
3.4 Refresh file name databases 5
3.5 Some details for the interested 5

4 Catalogue **5**

5 History **6**
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[2006/02/20 v1.2] 6
[2008/08/11 v1.3] 6
[2011/10/17 v1.4] 6
[2016/05/16 v1.5] 7

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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.

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**
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2.2 Distance control . . . 3
2.3 Centered colons . . . 3
2.4 Combined symbols . . . 4

3 Installation **5**
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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 Catalogue **6**

5 References **7**

6 History **7**
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[2016/05/16 v1.1] . . . 7

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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 coor 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 3
3.4 Refresh file name databases 4
3.5 Some details for the interested 4

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[2008/08/11 v1.2] 5
[2016/05/16 v1.3] 5

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The embedfile package

Abstract

This package embeds files to a PDF document. Currently the only supported driver is pdfTeX >= 1.30 in PDF mode.

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1.1 Introduction . . . 2
1.1.1 Future development . . . 2
1.2 User interface . . . 3
1.3 Collection support (PDF 1.7) . . . 4
1.4 Export of object references . . . 5
1.4.1 Example . . . 6
1.5 Examples . . . 6
1.5.1 plain TeX . . . 6
1.5.2 Collection example . . . 6
1.6 Package dtx-attach . . . 8

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2.3 Tools . . . 10
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2.5 Strings . . . 11
2.6 Switches . . . 12
2.7 Key value definitions . . . 12
2.8 Embed the file . . . 17

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3.2 Simple test . . . 24
3.3 Test for ini-TeX . . . 24

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6 References **27**

7 History **27**
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[2007/11/11 v2.2] 27
[2007/11/25 v2.3] 28
[2009/09/25 v2.4] 28
[2010/03/01 v2.5] 28
[2011/04/13 v2.6] 28
[2016/05/15 v2.7] 28

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The engord package

Abstract

The package generates the suffix of English ordinal numbers. It can be used with plain and LaTeX 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 Test **8**
3.1 Catcode checks for loading . . . 8

4 Installation **9**
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[2007/04/26 v1.4] . . . 12
[2007/09/09 v1.5] . . . 12
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[2008/08/11 v1.7] . . . 12
[2010/03/01 v1.8] . . . 12
[2016/05/16 v1.9] . . . 12

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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.

1 Documentation **2**
1.1 User macros . . . 2
1.2 Contexts . . . 3
1.3 Options . . . 3
1.4 Notes . . . 4

2 Implementation **4**
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2.2 Contexts . . . 4
2.2.1 Stack for contexts . . . 5
2.2.2 Context user macros . . . 5
2.3 Symbols . . . 6
2.4 Main user macros . . . 6
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2.6 Context settings . . . 8
2.7 At end of document . . . 8

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3.5 Some details for the interested . . . 10

4 References **10**

5 History **10**
[2012/01/07 v1.0] . . . 10
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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.

1 Documentation **2**
1.1 Examples . . . 2
1.1.1 Small LaTeX document as example . . . 4
1.1.2 LaTeX 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 . . . 6
2.4 Macro `\eolgrab` . . . 7

3 Test **8**
3.1 Catcode checks for loading . . . 8
3.2 Tests for plain TeX . . . 10

4 Installation **10**
4.1 Download . . . 10
4.2 Bundle installation . . . 10
4.3 Package installation . . . 11
4.4 Refresh file name databases . . . 11
4.5 Some details for the interested . . . 11

5 Catalogue **12**

6 References **12**

7 History **12**
[2011/01/12 v1.0] . . . 12
[2016/05/16 v1.1] . . . 12

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The epstopdf package

Abstract

This packages adds support of handling eps images to package graphics or graphicx with option pdftex. If an eps image is detected, epstopdf is automatically called to convert it to pdf format.

1 Documentation **2**
1.1 Introduction . . . 2
1.2 Requirements . . . 2
1.3 Usage . . . 3
1.4 Options . . . 4
1.5 Configuration . . . 5
1.5.1 System configuration file `epstopdf-sys.cfg` . . . 5
1.5.2 User configuration file `epstopdf.cfg` . . . 5
1.5.3 Conversion program . . . 5
1.6 Other image formats . . . 6

2 Implementation **6**
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2.1.1 Option handling . . . 8
2.2 Base package . . . 8
2.3 Preparations . . . 8
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2.3.2 Catcodes . . . 9
2.3.3 Load packages . . . 10
2.4 Checks . . . 10
2.5 Package loading . . . 11
2.6 Options . . . 11
2.6.1 Default setting . . . 11
2.7 Make and verbose . . . 11
2.8 Adding conversion support . . . 12
2.9 Declare graphics rule . . . 15

3 Test **16**
3.1 Preface for standard catcode check . . . 16
3.2 Catcode checks for loading . . . 16

4 Installation **17**
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4.2 Bundle installation . . . 18
4.3 Package installation . . . 18
4.4 Refresh file name databases . . . 18
4.5 Some details for the interested . . . 18

5 Catalogue **19**

6 History **19**
[2001/01/06 v1.0] . . . 19
[2001/02/04 v1.1] . . . 19
[2006/02/20 v1.2] . . . 20
[2006/08/26 v1.3] . . . 20
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[2007/10/02 v1.5] . . . 20
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[2008/05/06 v1.7] . . . 20
[2009/03/01 v1.8] . . . 20
[2009/07/06 v1.9] . . . 20
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[2009/07/12 v2.0] . . . 20
[2009/07/15 v2.1] . . . 21
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[2009/10/17 v2.4] . . . 21
[2016/05/15 v2.5] . . . 21
[2016/05/15 v2.6] . . . 21

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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 `\unexpanded` . . . 2
1.2 `\expanded` . . . 2

2 Implementation **2**
2.1 Reload check and package identification . . . 2
2.2 Catcodes . . . 3
2.3 Provide `\newif` . . . 4
2.4 Load package infwarerr . . . 4
2.5 `\unexpanded` . . . 5
2.6 `\expanded` . . . 5

3 Test **6**
3.1 Catcode checks for loading . . . 6
3.2 Macro tests . . . 8

4 Installation **9**
4.1 Download . . . 9
4.2 Bundle installation . . . 9
4.3 Package installation . . . 10
4.4 Refresh file name databases . . . 10
4.5 Some details for the interested . . . 10

5 Catalogue **11**

6 History **11**
[2007/05/06 v1.0] . . . 11
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[2010/01/28 v1.3] . . . 11
[2011/01/30 v1.4] . . . 11
[2011/02/16 v1.5] . . . 12
[2016/05/16 v1.6] . . . 12

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The fibnum package

Abstract

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

1 Documentation **1**

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6 History **13**
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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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1.2 Requirements . . . 2
1.3 ToDo . . . 2

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The gettitlestring 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 **2**
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2.2.1 Expand method . . . 5
2.2.2 Non-expand method . . . 6

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The grfext package

Abstract

This package provides macros for adding and reordering graphics extensions of package graphics.

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1.2 User interface . . . 2
1.3 Package loading . . . 2
1.4 Option support for package graphicx . . . 3
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3.2.2 Detection of unwanted space . . . 10
3.2.3 Generic test macros . . . 10
3.2.4 Test for \AppendGraphicsExtensions . . . 10
3.2.5 Test for \PrependGraphicsExtensions . . . 11
3.2.6 Test for \RemoveGraphicsExtensions . . . 12

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7 History **14**
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The grffile package

Abstract

The package extends the file name processing of package graphics to support a larger range of file names. For example, the file name may contain several dots. Or in case of pdfTeX in PDF mode the file name may contain spaces.

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1.1 Option multidot . . . 2
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1.4.2 Option filenameencoding . . . 3
1.4.3 Example . . . 3
1.5 Option space . . . 4
1.6 General use . . . 4
1.7 Default settings . . . 4

2 Implementation **5**
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The hobsub package

Abstract

Package hobsub implements the idea of loading several packages in one big collection package.

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1.2 Supported features . . . 3
1.3 Common limitations . . . 3
1.4 Package hobsub-generic . . . 3
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2.6 Package list . . . 12
2.7 End of packages . . . 13

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The hologo package

Abstract

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

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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.

1 No usage **2**

2 Implementation **2**
2.1 Help macros . . . 2
2.2 Font setup for LuaLaTeX . . . 2
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2.6 Names . . . 5
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2.7.2 Page layout . . . 6

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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 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
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2.5 Package hyperref . . . 8
2.5.1 Options Hyp.*color . . . 8
2.5.2 Generic algorithm . . . 10
2.5.3 Field options . . . 12
2.5.4 Detection for naked RGB values . . . 12
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2.7 Patch for package xcolor . . . 17
2.7.1 Fix fragile \@frameb@x . . . 20

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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.

1 Usage **2**
1.1 Bookmarks restrictions . . . 2
1.2 `\texorpdfstring` . . . 2
1.3 Sectioning commands . . . 2
1.4 Places for sectioning strings . . . 2
1.5 Solution with optional arguments . . . 2
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 . . . 3
1.7 Without `hyperref` . . . 3
1.8 Protecting parentheses . . . 4

2 Implementation **4**

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5 History **9**
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[2007/03/05 v2.3] . . . 9
[2007/04/11 v2.4] . . . 9
[2016/05/16 v2.5] . . . 9

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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.

1 Usage **2**
1.1 Package options . . . 2
1.2 User commands . . . 2
1.3 Limitations . . . 3

2 Implementation **3**

3 Installation **5**
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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 Catalogue **7**

5 History **7**
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[2000/08/14 v1.1] . . . 7
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[2001/09/06 v1.4] . . . 8
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[2011/02/16 v1.11] . . . 8
[2016/05/16 v1.12] . . . 8

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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.

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 verbose . . . 3
2.2.2 Options num and name . . . 4
2.3 Check requirements . . . 4
2.4 Preamble for auxiliary file . . . 4
2.5 Generation of destination names . . . 5
2.6 Assign destination names . . . 6
2.7 Redefinition of hyperref's hooks . . . 7
2.7.1 Destination setting . . . 7
2.7.2 Links . . . 8
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5 References **11**

6 History **11**
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[2007/11/11 v2.1] . . . 11
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[2016/05/16 v2.4] . . . 12
[2016/05/21 v2.5] . . . 12

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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 LaTeX 2_ε. 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 source2e.tex . . . 4

3 Implementation **4**
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3.2 Package loading . . . 4
3.2.1 Patch for bug latex/4096 . . . 5
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3.12 \PrintMacroName . . . 11
3.13 \theCodelineNo . . . 12
3.14 \SpecialUsageIndex . . . 12
3.15 \autoindex . . . 12
3.16 \SpecialEnvIndex . . . 13
3.17 \SortIndex . . . 13
3.18 \@wrglossary . . . 13
3.19 \MacroIndent . . . 13

4 Installation **14**
4.1 Download . . . 14
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4.4 Refresh file name databases . . . 15
4.5 Some details for the interested . . . 15

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6 History **16**
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[2016/05/16 v1.12] . . . 17
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The hypgotoe package

Abstract

Experimental package for links to embedded files.

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1.2 User interface . . . 2
1.3 Example . . . 2

2 Implementation **3**
2.1 Identification . . . 3
2.2 Load packages . . . 3
2.3 Color support . . . 3
2.4 Extend `\href` . . . 4
2.5 Implement gotoe action . . . 4
2.6 Keys for gotoe action . . . 5

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 Catalogue **7**

5 References **8**

6 History **8**
[2007/10/30 v0.1] . . . 8
[2016/05/16 v0.2] . . . 8

7 Index **8**

The hyphsubst package

Abstract

A TEX 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.

1 Documentation **2**
1.1 In short . . . 2
1.2 Longer version . . . 2
1.3 LATEX . . . 3
1.4 plain TEX . . . 3

2 Implementation **3**
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3.2 Main tests . . . 8

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4.4 Refresh file name databases . . . 10
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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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2 Implementation **2**

3 Installation **3**
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5 History **5**
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[2006/02/20 v1.2] 5
[2008/08/11 v1.3] 5
[2016/05/16 v1.4] 6

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The iflang package

Abstract

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

1 Documentation **2**

2 Implementation **3**
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The ifluatex package

Abstract

This package looks for LuaTeX regardless of its mode and provides the switch `\ifluatex`. Also it makes `\luatexversion` available if it is not present. It works with plain-TeX or LaTeX.

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The ifpdf package

Abstract

This package looks for pdfTeX in pdf mode and implements and sets the switch `\ifpdf`. The detection is based on `\pdfoutput` and the package will not change this value. It works with plain or LaTeX formats.

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2 Implementation 2

The ifvtex package

Abstract

This package looks for VTEX, implements and sets the switches `\ifvtex`, `\ifvtex⟨mode⟩`, `\ifvtexgex`. It works with plain or LATEX formats.

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The infwarerr package

Abstract

This package provides a complete set of macros for informations, warnings and error messages with support for plain-TeX.

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The inputenx 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 kvoptions package

Abstract

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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 letltxmacro package

Abstract

TEX's \let assignment does not work for LATEX macros with optional arguments or for macros that are defined as robust macros by \DeclareRobustCommand. This package defines \LetLtxMacro that also takes care of the involved internal macros.

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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

The package ltxcmds exports some utility macros from the LaTeX kernel into a separate namespace and also provides them for other formats such as plain-TeX.

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The luacolor package

Abstract

Package luacolor implements color support based on LuaTeX's node attributes.

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The luatex package

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The magicnum package

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The makerobust package

Abstract

Package makerobust provides \MakeRobustCommand that converts an existing macro to a robust one.

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The mleftright package

Abstract

TEX sets subformulas by `\left` and `\right` as inner formulas with additional surrounding spaces in some situations. This package provides `\mleft` and `\mright` that call `\left` and `\right`, but the delimiters will act as normal `\mathopen` and `\mathclose` delimiters without the additional space of an inner formula.

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The pagegrid package

Abstract

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The pagesel package

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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 pdfTeX supports several color stacks. This package uses a separate color stack for footnotes that can break across pages.

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The pdfcolmk package

Abstract

This package tries a solution for the missing color stack of pdfTEX.

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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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2 Implementation **2**
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The pdfcolparcolumns package

Abstract

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The pdfcrypt package

Abstract

This package supports the setting of pdf encryption options for VTEX and some older versions of pdfTEX.

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The pdfescape package

Abstract

This package implements pdfTeX's escape features (`\pdfescapehex`, `\pdfunescapehex`, `\pdfescapename`, `\pdfescapestring`) using TeX or ε-TeX.

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The pdflscape package

Abstract

Package pdflscape adds PDF support to the environment `landscape` of package lscape by setting the PDF page attribute `/Rotate`.

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The pdfrender package

Abstract

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The pdftexcmds package

Abstract

LuaTeX provides most of the commands of pdfTeX 1.40. However a number of utility functions are removed. This package tries to fill the gap and implements some of the missing primitive using Lua.

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The picture package

Abstract

There are macro and environment arguments that expect numbers that will internally be multiplicated 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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[2011/03/24 v1.1] 86
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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 ε-TEX's way . . . 2
1.3 The way of this package . . . 2
1.4 Usage . . . 2

2 Implementation **2**
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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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[2011/06/22 v3.3] 20
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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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1.2 Interface for class/package authors . . . 2

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[2010/02/22 v1.4] . . . 13
[2010/03/15 v1.5] . . . 13
[2010/03/16 v1.6] . . . 13
[2011/04/15 v1.7] . . . 13
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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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1.1 Options 2
1.2 Options for packages amsmath or graphics 2

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The rotchiffre package

Abstract

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

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1.2 Usage . . . 2
1.2.1 Examples . . . 2

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5 Catalogue **16**

6 References **16**

7 History **17**
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[2016/05/16 v1.1] 17

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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.

1 Documentation **1**
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1.2 Preambles . . . 2
1.2.1 Class scrartcl . . . 2
1.2.2 Classes scrreprt and scrbook . . . 2

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5 History **8**
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[2008/08/11 v1.1] . . . 8
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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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1.3 Options . . . 3
1.4 Encodings . . . 3

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[2007/09/09 v1.2] . . . 11
[2016/05/16 v1.3] . . . 12
[2016/05/17 v1.4] . . . 12

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The setouterhbox package

Abstract

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

1 Documentation **2**
1.1 Introduction . . . 2
1.2 Acknowledgement . . . 2
1.3 Usage . . . 2
1.4 Option hyperref . . . 3
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2 Implementation **4**
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[2005/10/18 v1.2] . . . 14
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[2006/08/26 v1.4] . . . 14
[2007/04/26 v1.5] . . . 14
[2007/05/17 v1.6] . . . 14
[2007/09/09 v1.7] . . . 14
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The settobox package

Abstract

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

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1.2 Set box dimensions . . . 2
1.3 Move box . . . 2
1.4 Example . . . 2
1.4.1 Short example . . . 2
1.4.2 Test file that shows box manipulations . . . 2

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[2008/08/11 v1.4] . . . 8
[2016/05/16 v1.5] . . . 8

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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.

1 Documentation **2**
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1.2 Future . . . 2

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2.3.3 ε-TeX . . . 6
2.4 Macro for redefinitions . . . 6
2.5 Redefinition of `\SOUL@eval` . . . 6
2.6 UTF-8 analysis . . . 9
2.6.1 Help strings . . . 9
2.6.2 Support for `utf8.def` . . . 10
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2.7 Actions for UTF-8 sequences . . . 11
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6 References **25**

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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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2 Implementation **2**

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5 History **5**
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[2007/05/06 v1.1] . . . 5
[2007/11/11 v1.2] . . . 5
[2016/05/16 v1.3] . . . 5

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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.

1 Documentation **1**
1.1 Introduction . . . 1
1.2 Usage . . . 2
1.3 Limitations . . . 2
1.3.1 Other file dependencies . . . 2
1.3.2 `\include` dependencies . . . 3
1.3.3 Summary . . . 3
1.4 Requirements . . . 3

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4 Catalogue **6**

5 References **7**

6 History **7**
[2008/07/14 v1.0] . . . 7
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The stringenc package

Abstract

This package provides `\StringEncodingConvert` for converting a string between different encodings. Both LaTeX and plain-TeX are supported.

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1.1 User interface . . . 2
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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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2 Implementation **2**

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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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1.2 Usage . . . 2
1.3 User macros . . . 2
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[2016/05/16 v1.1] . . . 20

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The transparent package

Abstract

Since version 1.40 pdfTEX supports several color stacks. This package shows, how a separate color stack can be used for transparency, a property besides color.

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5 History **6**
[2007/01/08 v1.0] . . . 6
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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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The zref package

Abstract

Package zref tries to get rid of the restriction in LaTeX's reference system that only two properties are supported. The package implements an extensible referencing system, where properties are handled in a more flexible way. It offers an interface for macro programmers for the access to the system and some applications that uses the new reference scheme.

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