

pdfcomment.sty v1.1^{*}

A user-friendly interface to pdf annotations[†]

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Abstract

For a long time pdf_latex has offered the command `\pdfannot` for inserting arbitrary PDF annotations. However, the command is presented in a form where additional knowledge of the definition of the PDF format is indispensable. This package is an answer to the – occasional – questions in newsgroups, about how one could use the comment function of Adobe Reader. At least for the writer of L^AT_EX code, the package offers a convenient and user-friendly means of using `\pdfannot` to provide comments in PDF files. Since version v1.1, pdfcomment.sty also supports:

L^AT_EX → dvips → ps2pdf, L^AT_EX → dvipdfmx¹ and XeL^AT_EX.

Unfortunately, support of PDF annotations by PDF viewers is sparse to nonexistent. The reference viewer for the development of this package is Adobe Reader.

If you can't see this annotation  you are definitely using the wrong pdf viewer!

Required packages for using pdfcomment.sty

hyperref (v6.76a [2007/04/09]), xkeyval, ifpdf, marginnote and the packages loaded by them.

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¹only with style option dvipdfmx

Contents

1 Options	4
1.1 Global options	4
1.1.1 final	4
1.1.2 draft	4
1.1.3 dvipdfmx	4
1.2 Local options	4
1.2.1 subject	4
1.2.2 author	4
1.2.3 color	4
1.2.4 icon	5
1.2.5 open	5
1.2.6 hspace	5
2 Commands	5
2.1 Comment commands	5
2.1.1 \pdfcomment	5
2.1.2 \pdfmargincomment	5
2.2 Misc. commands	6
2.2.1 \pdfcommentsetup	6
References	7

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- **Alexander Grahn** for contributing a patch for other drivers

$\text{\LaTeX} \rightarrow \text{dvips} \rightarrow \text{ps2pdf}$, $\text{\LaTeX} \rightarrow \text{dvi\text{p}dfmx}$ und Xe\LaTeX .

- **Gabriel Cardona** for pointing out problems with older versions of `hyperref` (v6.76a [2007/04/09])

1 Options

1.1 Global options

1.1.1 `final`

The option `final` will set the package to final mode. The pdf annotations will not be typeset and will not influence line breaking.

1.1.2 `draft`

The option `draft` (default) will set the package to draft mode. Therefore, the pdf annotations will be typeset.

1.1.3 `dvipdfmx`

If you want to use the driver `dvipdfmx` for creating your documents, you have to use the option `dvipdfmx`. The other drivers are recognized automatically.

1.2 Local options

The following options are useable as options for the commands presented in section 2, as well as style options. As style options they have global effect, whereas they have only local effect when used in commands. Furthermore global options are not overwritten.

1.2.1 `subject`

You can use the option `subject` for defining the subject of the pdf popup annotations.

1.2.2 `author`

You can use the option `author` for defining the author of the pdf popup annotations.

1.2.3 `color`

You can use the option `color` for defining the color of pdf annotations in the form `{0.34 0.56 0.12}` (RGB). If you are using the additional package `xcolor` you can use predefined color names, as well as the available optional color names. Furthermore you can use the command `\definecolor` to define your own named colors. Please take a look at the attached example `example.tex`. It shows the different possibilities of defining colors.

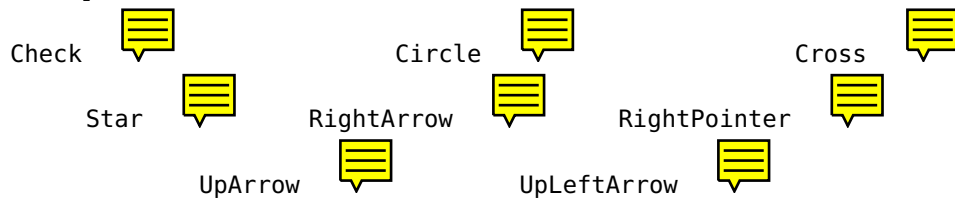


1.2.4 icon

You can use the option `icon` for defining the graphic used for the pdf text annotations. The following icons are defined as mandatory by the pdf reference:



Furthermore the following icons are also supported by Adobe Reader and some other pdf viewers:



1.2.5 open

You can use the option `open` for defining the opening status of the pdf popup annotations. Possible values are `true` or `false` (default).

1.2.6 hspace

You can use the option `hspace` for defining the horizontal space after the pdf text annotations.

2 Commands

2.1 Comment commands

You can use the following commands for commenting your documents.

2.1.1 \pdfcomment

`\pdfcomment` will typeset an annotation into the text at the current position.

`[<options>]{<comment>}`

2.1.2 \pdfmargincomment

`\pdfmargincomment` will typeset an annotation into the margin. Please note the positioning of the annotation in this example. This documentation was written with the L^AT_EX class `ltxdoc`. Therefore the annotation is typeset into the left margin.

`[<options>]{<comment>}`

2.2 Misc. commands

2.2.1 `\pdfcommentsetup`

`\pdfcommentsetup{<options>}` With the command `\pdfcommentsetup` you can reset the global options at any time. With it, e.g. a co-author can simply use a different optical look, without specifying the options in every comment command.

References

- [Ado05] Adobe Systems Incorporated: *pdfmark Reference Manual*. 2005. – URL: http://www.adobe.com/devnet/acrobat/pdfs/pdfmark_reference.pdf
- [Ado06] Adobe Systems Incorporated: *PDF Reference sixth edition*. 2006. – URL: http://www.adobe.com/devnet/acrobat/pdfs/pdf_reference_1-7.pdf
- [Adr08] Adriaens, Hendri: *The xkeyval package*. 2008. – TEXMF://doc/latex/xkeyval/xkeyval.pdf
- [Car99] Carlisle, David: *The file ltxdoc.dtx for use with L^AT_EX*. 1999. – TEXMF://doc/latex/base/ltxdoc.dvi
- [Gün02] Günther, Karsten: *L^AT_EX Ge-packt*. 1. Auflage. mitp, 2002. – ISBN 3-8266-0785-6
- [Ker07] Kern, Uwe: *Extending L^AT_EX's color facilities: the xcolor package*. 2007. – TEXMF://doc/latex/xcolor/xcolor.pdf
- [Mer02] Merz, Thomas: *Die PostScript & PDF Bibel*. PDFLib edition. dpunkt-Verlag, 2002. – URL: http://www.pdflib.com/fileadmin/pdflib/pdf/Bibel/bibel_d_pdfmark_lx1.pdf
- [MG05] Mittelbach, Frank ; Goossens, Michel: *Der L^AT_EX Begleiter*. 2., überarbeitete und erweiterte Auflage. Pearson Studium, 2005. – ISBN 3-8273-7166-X
- [Oga01] Ogawa, Arthur: *Extensions to the ltxdoc class*. 2001. – TEXMF://doc/latex/revtex4/ltxdocext.pdf