

# The pdfcolparallel package

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## 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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## 1 Usage

```
\usepackage{pdfcolparallel}
```

---

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

The package `pdfcolparallel` loads package `parallel` [1] and redefines some macros to fix bugs.

If color stacks are available then package `parallel` is further patched to support them.

## 1.1 Option `rulebetweencolor`

Package `pdfcolparallel` also fixes the color for the rule between columns. Default color is `\normalcolor`. But this can be changed by using option `rulebetweencolor` for `\setkeys{parallel}` (see package `keyval`). The option takes a color specification as value. If the value is empty, then the default (`\normalcolor`) is used. Examples:

```
\setkeys{parallel}{rulebetweencolor=blue},
\setkeys{parallel}{rulebetweencolor={red}},
\setkeys{parallel}{rulebetweencolor={}}, % \normalcolor is
used
\setkeys{parallel}{rulebetweencolor=[rgb]{1,0,.5}}
```

## 1.2 Future

If there will be a new version of package `parallel` that adds support for color stacks, then this package may become obsolete.

# 2 Implementation

## 2.1 Identification

```
1 (*package)
2 \NeedsTeXFormat{LaTeX2e}
3 \ProvidesPackage{pdfcolparallel}%
4 [2016/05/16 v1.4 Color stacks support for parallel (H0)]%
```

## 2.2 Load and fix package `parallel`

Package `parallel` is loaded. Before options of package `pdfcolparallel` are passed to package `parallel`.

```
5 \DeclareOption*{%
6   \PassoptionsToPackage{\CurrentOption}{parallel}%
7 }
8 \ProcessOptions\relax
9 \RequirePackage{parallel}[2003/04/13]
10 \RequirePackage{infwarerr}[2007/09/09]
```

`\pcp@ColorPatch`

```
11 \begingroup\expandafter\expandafter\expandafter\endgroup
12 \expandafter\ifx\csname currentgrouplevel\endcsname\relax
13   \def\pcp@ColorPatch{}%
14 \else
15   \def\pcp@ColorPatch{%
16     \@ifundefined{set@color}{%
17       \gdef\pcp@ColorPatch{}%
18     }{%
19       \gdef\pcp@ColorPatch{%
20         \gdef\pcp@ColorResets{}%
21       }%
22     }%
23   }%
24 \endgroup
```

```

22     \aftergroup\pcp@ColorResets
23     \aftergroup\egroup
24     \let\pcp@OrgSetColor\set@color
25     \let\set@color\pcp@SetColor
26     \edef\pcp@GroupLevel{\the\currentgrouplevel}%
27   }%
28 }%
29 \pcp@ColorPatch
30 }%

\pcp@SetColor
31 \def\pcp@SetColor{%
32   \ifnum\pcp@GroupLevel=\currentgrouplevel
33     \let\pcp@OrgAfterGroup\aftergroup
34     \def\aftergroup{%
35       \g@addto@macro\pcp@ColorResets
36     }%
37     \pcp@OrgSetColor
38     \let\aftergroup\pcp@OrgAfterGroup
39   \else
40     \pcp@OrgSetColor
41   \fi
42 }%
43 \fi

\pcp@CmdCheckRedef
44 \def\pcp@CmdCheckRedef#1{%
45   \begingroup
46   \def\pcp@cmd{#1}%
47   \afterassignment\pcp@CmdDo
48   \long\def\reserved@a
49 }
50 \def\pcp@CmdDo{%
51   \expandafter\ifx\pcp@cmd\reserved@a
52   \else
53     \edef\x*{\expandafter\string\pcp@cmd}%
54     \@PackageWarningNoLine{pdfcolparallel}{%
55       Command \x* has changed.\MessageBreak
56       Supported versions of package `parallel':\MessageBreak
57       \space\space 2003/04/13\MessageBreak
58       The redefinition of \x* may\MessageBreak
59       not behave correctly depending on the changes%
60     }%
61   \fi
62   \expandafter\endgroup
63   \expandafter\def\pcp@cmd
64 }

65 \def\pcp@SwitchStack#1#2{}
66 \def\pcp@SetCurrent#1{}

\ParallellText
67 \pcp@CmdCheckRedef\ParallellText{%
68   \everypar{}%
69   \@restorepar
70   \begingroup
71   \hbadness=3000 %
72   \let\footnote=\ParallellFootnote

```

```

73 \ParallelWhichBox=0 %
74 \global\setbox\ParallelLBox=\vbox\bgroup
75 \hsize=\ParallelLWidth
76 \aftergroup\ParallelAfterText
77 \begingroup
78 \afterassignment\ParallelCheckOpenBrace
79 \let\x=%
80 }{%
81 \everypar{}%
82 \@restorepar
83 \@nobreakfalse
84 \begingroup
85 \hbadness=3000 %
86 \let\footnote=\ParallelLFootnote
87 \ParallelWhichBox=0 %
88 \global\setbox\ParallelLBox=\vbox\bgroup
89 \hsize=\ParallelLWidth
90 \linewidth=\ParallelLWidth
91 \pcp@SwitchStack{Left}\ParallelLBox
92 \aftergroup\ParallelAfterText
93 \pcp@ColorPatch
94 \begingroup
95 \afterassignment\ParallelCheckOpenBrace
96 \let\x=%
97 }

```

\ParallelRText

```

98 \pcp@CmdCheckRedef\ParallelRText{%
99 \everypar{}%
100 \@restorepar
101 \begingroup
102 \hbadness=3000 %
103 \ifnum\ParallelFNMode=\@ne
104 \let\footnote=\ParallelRFootnote
105 \else
106 \let\footnote=\ParallelLFootnote
107 \fi
108 \ParallelWhichBox=\@ne
109 \global\setbox\ParallelRBox=\vbox\bgroup
110 \hsize=\ParallelRWidth
111 \aftergroup\ParallelAfterText
112 \begingroup
113 \afterassignment\ParallelCheckOpenBrace
114 \let\x=%
115 }{%
116 \everypar{}%
117 \@restorepar
118 \@nobreakfalse
119 \begingroup
120 \hbadness=3000 %
121 \ifnum\ParallelFNMode=\@ne
122 \let\footnote=\ParallelRFootnote
123 \else
124 \let\footnote=\ParallelLFootnote
125 \fi
126 \ParallelWhichBox=\@ne
127 \global\setbox\ParallelRBox=\vbox\bgroup
128 \hsize=\ParallelRWidth

```

```

129 \linewidth=\ParallelRwidth
130 \pcp@SwitchStack{Right}\ParallelRBox
131 \aftergroup\ParallelAfterText
132 \pcp@ColorPatch
133 \beginingroup
134 \afterassignment\ParallelCheckOpenBrace
135 \let\x=%
136 }

```

\ParallelParTwoPages

```

137 \pcp@CmdCheckRedef\ParallelParTwoPages{%
138 \ifnum\ParallelBoolVar=\@ne
139 \par
140 \beginingroup
141 \global\ParallelWhichBox=\@ne
142 \newpage
143 \vbadness=10000 %
144 \vfuzz=3ex %
145 \splittopskip=\z@skip
146 \loop%
147 \ifnum\ParallelBoolVar=\@ne%
148 \ifnum\ParallelWhichBox=\@ne
149 \ifvoid\ParallellBox
150 \mbox{} %
151 \newpage
152 \else
153 \global\ParallelWhichBox=\z@
154 \fi
155 \else
156 \ifvoid\ParallelRBox
157 \mbox{} %
158 \newpage
159 \else
160 \global\ParallelWhichBox=\@ne
161 \fi
162 \fi
163 \ifnum\ParallelWhichBox=\z@
164 \ifodd\thepage
165 \mbox{} %
166 \newpage
167 \fi
168 \hbox to\textwidth{%
169 \vbox{\vsplit\ParallellBox to.98\textheight}%
170 }%
171 \else
172 \ifodd\thepage\relax
173 \else
174 \mbox{} %
175 \newpage
176 \fi
177 \hbox to\textwidth{%
178 \vbox{\vsplit\ParallelRBox to.98\textheight}%
179 }%
180 \fi
181 \vspace*{\fill}%
182 \newpage
183 \fi
184 \ifvoid\ParallellBox

```

```

185         \ifvoid\ParallelRBox
186         \global\ParallelBoolVar=\z@
187         \fi
188     \fi
189     \ifnum\ParallelBoolVar=\@ne
190     \repeat
191     \par
192 \endgroup
193 \fi
194 }{%
```

Additional fixes:

- Unnecessary white space removed.
- `\ifodd\thepage` changed to `\ifodd\value{page}`.

```

195 \ifnum\ParallelBoolVar=\@ne
196 \par
197 \begingroup
198     \global\ParallelWhichBox=\@ne
199     \newpage
200     \vbadness=10000 %
201     \vfuzz=3ex %
202     \splittopskip=\z@skip
203     \loop%
204         \ifnum\ParallelBoolVar=\@ne%
205         \ifnum\ParallelWhichBox=\@ne
206             \ifvoid\ParallelLBox
207                 \mbox{}%
208                 \newpage
209             \else
210                 \global\ParallelWhichBox=\z@
211             \fi
212         \else
213             \ifvoid\ParallelRBox
214                 \null
215                 \newpage
216             \else
217                 \global\ParallelWhichBox=\@ne
218             \fi
219         \fi
220     \ifnum\ParallelWhichBox=\z@
221         \ifodd\value{page}%
222             \null
223             \newpage
224         \fi
225         \hbox to\textwidth{%
226             \pcp@SetCurrent{Left}%
227             \setbox\z@=\vsplit\ParallelLBox to.98\textheight
228             \vbox to.98\textheight{%
229                 \@texttop
230                 \unvbox\z@
231                 \@textbottom
232             }%
233         }%
234     \else
235         \ifodd\value{page}%
236         \else
237             \mbox{}%

```

```

238         \newpage
239     \fi
240     \hbox to\textwidth{%
241         \pcp@SetCurrent{Right}%
242         \setbox\z@=\vsplit\ParallelRBox to.98\textheight
243         \vbox to.98\textheight{%
244             \@texttop
245             \unvbox\z@
246             \@textbottom
247         }%
248     }%
249 \fi
250 \vspace*{\fill}%
251 \newpage
252 \fi
253 \ifvoid\ParallelLBox
254 \ifvoid\ParallelRBox
255     \global\ParallelBoolVar=\z@
256 \fi
257 \fi
258 \ifnum\ParallelBoolVar=\@one
259 \repeat
260 \par
261 \endgroup
262 \pcp@SetCurrent{}%
263 \fi
264 }

```

## 2.3 Color stack support

```

265 \RequirePackage{pdfcol}[2007/12/12]
266 \ifpdfcolAvailable
267 \else
268     \PackageInfo{pdfcolparallel}{%
269         Loading aborted, because color stacks are not available%
270     }%
271     \expandafter\endinput
272 \fi

273 \pdfcolInitStack{pcp@Left}
274 \pdfcolInitStack{pcp@Right}

\pcp@Box
275 \newbox\pcp@Box

\pcp@SwitchStack
276 \def\pcp@SwitchStack#1#2{%
277     \pdfcolSwitchStack{pcp@#1}%
278     \global\setbox\pcp@Box=\vbox to Opt{%
279         \pdfcolSetCurrentColor
280     }%
281     \aftergroup\pcp@FixBox
282     \aftergroup#2%
283 }

\pcp@FixBox
284 \def\pcp@FixBox#1{%
285     \global\setbox#1=\vbox{%
286         \unvbox\pcp@Box

```

```

287   \unvbox#1%
288 }%
289 }

```

\pcp@SetCurrent

```

290 \def\pcp@SetCurrent#1{%
291   \ifx\#1\%
292     \pdfcolSetCurrent{}%
293   \else
294     \pdfcolSetCurrent{pcp@#1}%
295   \fi
296 }

```

## 2.4 Redefinitions

\ParallelParOnePage

```

297 \pcp@CmdCheckRedef\ParallelParOnePage{%
298   \ifnum\ParallelBoolVar=\@ne
299     \par
300     \begingroup
301       \leftmargin=\z@
302       \rightmargin=\z@
303       \parskip=\z@skip
304       \parindent=\z@
305       \vbadness=10000 %
306       \vfuzz=3ex %
307       \splittopskip=\z@skip
308     \loop
309       \ifnum\ParallelBoolVar=\@ne
310         \noindent
311         \hbox to\textwidth{%
312           \hskip\ParallelLeftMargin
313           \hbox to\ParallelTextWidth{%
314             \ifvoid\ParallelLBox
315               \hskip\ParallelLWidth
316             \else
317               \ParallelWhichBox=\z@
318               \vbox{%
319                 \setbox\ParallelBoxVar
320                   =\vsplit\ParallelLBox to\dp\strutbox
321                 \unvbox\ParallelBoxVar
322               }%
323             \fi
324             \strut
325             \ifnum\ParallelBoolMid=\@ne
326               \hskip\ParallelMainMidSkip
327               \vrule
328             \else
329               \hss
330             \fi
331             \hss
332             \ifvoid\ParallelRBox
333               \hskip\ParallelRWidth
334             \else
335               \ParallelWhichBox=\@ne
336               \vbox{%
337                 \setbox\ParallelBoxVar
338                   =\vsplit\ParallelRBox to\dp\strutbox

```

```

339         \unvbox\ParallelBoxVar
340     }%
341     \fi
342 }%
343 }%
344 \ifvoid\ParallelLBox
345     \ifvoid\ParallelRBox
346         \global\ParallelBoolVar=\z@
347     \fi
348     \fi%
349 \fi%
350 \ifnum\ParallelBoolVar=\@ne
351     \penalty\interlinepenalty
352 \repeat
353 \par
354 \endgroup
355 \fi
356 }{f%
357 \ifnum\ParallelBoolVar=\@ne
358     \par
359     \begingroup
360         \leftmargin=\z@
361         \rightmargin=\z@
362         \parskip=\z@skip
363         \parindent=\z@
364         \vbadness=10000 %
365         \vfuzz=3ex %
366         \splittopskip=\z@skip
367     \loop
368         \ifnum\ParallelBoolVar=\@ne
369             \noindent
370             \hbox to\textwidth{%
371                 \hskip\ParallelLeftMargin
372                 \hbox to\ParallelTextWidth{%
373                     \ifvoid\ParallelLBox
374                         \hskip\ParallelLWidth
375                     \else
376                         \pcp@SetCurrent{Left}%
377                         \ParallelWhichBox=\z@
378                         \vbox{%
379                             \setbox\ParallelBoxVar
380                                 =\vsplit\ParallelLBox to\dp\strutbox
381                             \unvbox\ParallelBoxVar
382                         }%
383                     \fi
384                     \strut
385                 \ifnum\ParallelBoolMid=\@ne
386                     \hskip\ParallelMainMidSkip
387                 \begingroup
388                     \pcp@RuleBetweenColor
389                     \vrule
390                 \endgroup
391             \else
392                 \hss
393             \fi
394         \hss
395     \ifvoid\ParallelRBox
396         \hskip\ParallelRWidth

```

```

397         \else
398         \pcp@SetCurrent{Right}%
399         \ParallelWhichBox=\@ne
400         \vbox{%
401         \setbox\ParallelBoxVar
402         =\vsplit\ParallelRBox to\dp\strutbox
403         \unvbox\ParallelBoxVar
404         }%
405         \fi
406     }%
407 }%
408 \ifvoid\ParallelLBox
409 \ifvoid\ParallelRBox
410 \global\ParallelBoolVar=\z@
411 \fi
412 \fi%
413 \fi%
414 \ifnum\ParallelBoolVar=\@ne
415 \penalty\interlinepenalty
416 \repeat
417 \par
418 \endgroup
419 \pcp@SetCurrent{}%
420 \fi
421 }

```

\pcp@RuleBetweenColorDefault

```

422 \def\pcp@RuleBetweenColorDefault{%
423 \normalcolor
424 }

```

\pcp@RuleBetweenColor

```

425 \let\pcp@RuleBetweenColor\pcp@RuleBetweenColorDefault

426 \RequirePackage{keyval}
427 \define@key{parallel}{rulebetweencolor}{%
428 \edef\pcp@temp{#1}%
429 \ifx\pcp@temp\@empty
430 \let\pcp@RuleBetweenColor\pcp@RuleBetweenColorDefault
431 \else
432 \edef\pcp@temp{%
433 \noexpand\@ifnextchar[{%
434 \def\noexpand\pcp@RuleBetweenColor{%
435 \noexpand\color\pcp@temp
436 }%
437 \noexpand\pcp@GobbleNil
438 }{%
439 \def\noexpand\pcp@RuleBetweenColor{%
440 \noexpand\color{\pcp@temp}%
441 }%
442 \noexpand\pcp@GobbleNil
443 }%
444 \pcp@temp\noexpand\@nil
445 }%
446 \pcp@temp
447 \fi
448 }

```

\pcp@GobbleNil

```
449 \long\def\pcp@GobbleNil#1\@nil{}
```

```
450 \end{package}
```

### 3 Test

The test file is a modified version of the file that Alexander Hirsch has posted in [de.comp.text.tex: "parallel.sty und farbiger Text"](#)<sup>1</sup>

```
451 (*test1)
452 \AtEndDocument{%
453   \typeout{}%
454   \typeout{*****}%
455   \typeout{*** \space Check the PDF file manually! \space ***}%
456   \typeout{*****}%
457   \typeout{}%
458 }
459 \documentclass{article}
460 \usepackage{xcolor}
461 \usepackage{pdfcolparallel}[2016/05/16]
462
463 \begin{document}
464   \color{green}%
465   Green%
466   \begin{Parallel}{0.47\textwidth}{0.47\textwidth}%
467     \ParallelLText{%
468       \textcolor{red}{%
469         Ein Absatz, der sich ueber zwei Zeilen erstrecken soll. %
470         Ein Absatz, der sich ueber zwei Zeilen erstrecken soll.%
471       }%
472     }%
473     \ParallelRText{%
474       \textcolor{blue}{%
475         Ein Absatz, der sich ueber zwei Zeilen erstrecken soll. %
476         Ein Absatz, der sich ueber zwei Zeilen erstrecken soll.%
477       }%
478     }%
479   \ParallelPar
480   \ParallelLText{%
481     Default %
482     \color{red}%
483     Ein Absatz, der sich ueber zwei Zeilen erstrecken soll. %
484     Ein Absatz, der sich ueber zwei Zeilen erstrecken soll.%
485   }%
486   \ParallelRText{%
487     Default %
488     \color{blue}%
489     Ein Absatz, der sich ueber zwei Zeilen erstrecken soll. %
490     Ein Absatz, der sich ueber zwei Zeilen erstrecken soll.%
491   }%
492   \ParallelPar
493   \ParallelLText{%
494     \begin{enumerate}%
495     \item left text, left text, left text, left text, %
496       left text, left text, left text, left text,%
497     \item left text, left text, left text, left text, %
498       left text, left text, left text, left text.%
499   }%
500 }
501 \end{document}
```

<sup>1</sup>Url: <https://groups.google.com/group/de.comp.text.tex/msg/6a759cf33bb071a5>

```

499     \end{enumerate}%
500   }%
501   \ParallelRText{%
502     \begin{enumerate}%
503       \item right text, right text, right text, right text, %
504         right text, right text, right text, right text.%
505       \item right text, right text, right text, right text, %
506         right text, right text, right text, right text.%
507     \end{enumerate}%
508   }%
509 \end{Parallel}%
510 \begin{Parallel}[p]{\textwidth}{\textwidth}%
511   \ParallelLText{%
512     \textcolor{red}{%
513       Ein Absatz, der sich ueber zwei Zeilen erstrecken soll. %
514       Ein Absatz, der sich ueber zwei Zeilen erstrecken soll. %
515       Foo bar bla bla bla.%
516     }%
517   \par
518   Und noch ein Absatz.%
519 }%
520 \ParallelRText{%
521   \textcolor{blue}{%
522     Ein Absatz, der sich ueber zwei Zeilen erstrecken soll. %
523     Ein Absatz, der sich ueber zwei Zeilen erstrecken soll. %
524     Foo bar bla bla bla.%
525   }%
526 }%
527 \end{Parallel}%
528 \begin{Parallel}[p]{\textwidth}{\textwidth}%
529   \ParallelLText{%
530     \rule{1pt}{.98\textheight}\Huge g%
531   }%
532   \ParallelRText{%
533     \rule{1pt}{.98\textheight}y%
534   }%
535 \end{Parallel}%
536 Green%
537 \end{document}
538 </test1>

```

## 4 Installation

### 4.1 Download

**Package.** This package is available on CTAN<sup>2</sup>:

[CTAN:macros/latex/contrib/oberdiek/pdfcolparallel.dtx](https://ctan.org/ctan/packages/macros/latex/contrib/oberdiek/pdfcolparallel.dtx) The source file.

[CTAN:macros/latex/contrib/oberdiek/pdfcolparallel.pdf](https://ctan.org/ctan/packages/macros/latex/contrib/oberdiek/pdfcolparallel.pdf) Documentation.

**Bundle.** All the packages of the bundle ‘oberdiek’ are also available in a TDS compliant ZIP archive. There the packages are already unpacked and the documentation files are generated. The files and directories obey the TDS standard.

[CTAN:install/macros/latex/contrib/oberdiek.tds.zip](https://ctan.org/ctan/packages/install/macros/latex/contrib/oberdiek.tds.zip)

---

<sup>2</sup>[CTAN:pkg/pdfcolparallel](https://ctan.org/ctan/packages/pkg/pdfcolparallel)

*TDS* refers to the standard “A Directory Structure for T<sub>E</sub>X Files” ([CTAN:tds/tds.pdf](#)). Directories with `texmf` in their name are usually organized this way.

## 4.2 Bundle installation

**Unpacking.** Unpack the `oberdiek.tds.zip` in the TDS tree (also known as `texmf` tree) of your choice. Example (linux):

```
unzip oberdiek.tds.zip -d ~/texmf
```

**Script installation.** Check the directory `TDS:scripts/oberdiek/` for scripts that need further installation steps.

## 4.3 Package installation

**Unpacking.** The `.dtx` file is a self-extracting `docstrip` archive. The files are extracted by running the `.dtx` through plain T<sub>E</sub>X:

```
tex pdfcolparallel.dtx
```

**TDS.** Now the different files must be moved into the different directories in your installation TDS tree (also known as `texmf` tree):

```
pdfcolparallel.sty      → tex/latex/oberdiek/pdfcolparallel.sty
pdfcolparallel.pdf     → doc/latex/oberdiek/pdfcolparallel.pdf
test/pdfcolparallel-test1.tex → doc/latex/oberdiek/test/pdfcolparallel-test1.tex
pdfcolparallel.dtx     → source/latex/oberdiek/pdfcolparallel.dtx
```

If you have a `docstrip.cfg` that configures and enables `docstrip`'s TDS installing feature, then some files can already be in the right place, see the documentation of `docstrip`.

## 4.4 Refresh file name databases

If your T<sub>E</sub>X distribution (teT<sub>E</sub>X, miK<sub>T</sub>E<sub>X</sub>, ...) relies on file name databases, you must refresh these. For example, teT<sub>E</sub>X users run `texhash` or `mktexlsr`.

## 4.5 Some details for the interested

**Unpacking with L<sup>A</sup>T<sub>E</sub>X.** The `.dtx` chooses its action depending on the format:

**plain T<sub>E</sub>X:** Run `docstrip` and extract the files.

**L<sup>A</sup>T<sub>E</sub>X:** Generate the documentation.

If you insist on using L<sup>A</sup>T<sub>E</sub>X for `docstrip` (really, `docstrip` does not need L<sup>A</sup>T<sub>E</sub>X), then inform the `autodetect` routine about your intention:

```
latex \let\install=y\input{pdfcolparallel.dtx}
```

Do not forget to quote the argument according to the demands of your shell.

**Generating the documentation.** You can use both the `.dtx` or the `.drv` to generate the documentation. The process can be configured by the configuration file `ltxdoc.cfg`. For instance, put this line into this file, if you want to have A4 as paper format:

```
\PassOptionsToClass{a4paper}{article}
```

An example follows how to generate the documentation with pdfL<sup>A</sup>T<sub>E</sub>X:

```
pdflatex pdfcolparallel.dtx
makeindex -s gind.ist pdfcolparallel.idx
pdflatex pdfcolparallel.dtx
makeindex -s gind.ist pdfcolparallel.idx
pdflatex pdfcolparallel.dtx
```

## 5 References

- [1] Matthias Eckermann: *The parallel-package*; 2003/04/13;  
[CTAN:pkg/parallel](#).
- [2] Heiko Oberdiek: *The pdfcol package*; 2007/09/09;  
[CTAN:macros/latex/contrib/oberdiek/pdfcol.pdf](#).

## 6 History

[2007/09/09 v1.0]

- First version.

[2007/12/12 v1.1]

- Adds patch for setting `\linewidth` to fix bug in package `parallel`.
- Package `parallel` is also fixed if color stacks are not available.
- Bug fix, switched stacks now initialized with current color.
- Fix for package `parallel`: `\raggedbottom` is respected.

[2008/08/11 v1.2]

- Code is not changed.
- URLs updated.

[2010/01/11 v1.3]

- Option ‘`rulebetweencolor`’ added.

[2016/05/16 v1.4]

- Documentation updates.

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; plain numbers refer to the code lines where the entry is used.

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