

PSTricks

News -- 2022

new macros and bugfixes for the basic package.

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Part I.

pstricks – package

This version of the News was run with `lualatex` *without* using Ghostscript. The PDF file was created in a direkt way by Lua. If you run `lualatex` then the packahe `lualpstricks` is automatically loaded.

1. pstricks.sty

The optional argument `gsfonts` can be used to load only the symbol font from GhostScript. Otherwise the one from URW or the system is used, which is the default.

2. pstricks.tex (v. 3.17 – 2022/10/22)

2.1. pgf library

This version fixes a problem with the upcoming pgf from which PSTricks uses the `\foreach` command as `\pgfforeach`.

2.2. Arrows

There are new arrow types and a new optional argument `tipcolor`. Checking `tipcolor` can be suppressed by setting

```
\makeatletter
\ps@check@tipcolor{}
\makeatother
```

This is only needed in some rare cases, e.g. `\pscustom` with `\code` and `color` setting on PS level.

References

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- [3] Nikolai G. Kollock. *PostScript richtig eingesetzt: vom Konzept zum praktischen Einsatz*. Vaterstetten: IWT, 1989.
 - [4] Herbert Voß. “Die mathematischen Funktionen von Postscript”. In: *DTK* 1/02 (Mar. 2002), pp. 40–47.
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 - [7] Herbert Voß. *PSTricks Support for pdf*. 2002. URL: <http://PSTricks.tug.org/main.cgi?file=pdf/pdfoutput>.
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