

News - 2019

new macros and bugfixes for the basic package pstricks

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Part I.

pstricks – package

1. pstricks.sty – pstricks-pdf.sty

There is now a new optional argument for the package: ckeckengine, which will be used in later versions.

2. pstricks-tex.tex

This package collects all additional latex macros which must be defined when running PSTricks with tex. They all moved from the base pstricks.tex into this new file.

3. pstricks.tex (v. 2.93 – 2019/01/07)

3.1. Error message

Using PSTricks with pdflatex will work only when using package auto-pst-pdf and running the \TeX -file with

```
pdflatex -shell-escape <file>
```

otherwise you'll get an error message which was misleading in the past:

```
[...]
! Undefined control sequence.
<recently read> \c@lor@to@ps
```

This changes now to

```
[...]
! Undefined control sequence.
\c@lor@to@ps ->\PSTricks
                _Not_Configured_For_This_Format
```

3.2. Optional argument xetex

The output driver xdvipdfmx for using $X_{\text{E}}\text{TeX}$ or $X_{\text{E}}\text{LaTeX}$ is not fully compatible to dvips. Especially some node operations will not work. If the LaTeX package detects a programm run with $X_{\text{E}}\text{LaTeX}$ it automatically loads the file pstricks-xetex.def which defines some macros with a new name to keep the existing ones. By now there is only \NCput , which is the same as \ncput , but works with $X_{\text{E}}\text{LaTeX}$.

If someone wants to use these macros though he/she runs not $X_{\text{E}}\text{LaTeX}$ then these macros are available too by using the optional argument xetex:

```
\usepackage[xetex]{pstricks}
```

4. pstricks.pro

References

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