

# The `pvscrip`t package\* for use with L<sup>A</sup>T<sub>E</sub>X2e

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## 1 Introduction

The font `pvscrip`t provides a handwritten font. It can be found on the CTAN in the directory `tex-archive/fonts/script`. This package provides means to use this font.

This package has been created for an article in „Die T<sub>E</sub>Xnische Komödie“ [1]. This article contains some more details on the package and its use.

## 2 Usage

This file can be used as a package by placing its name in the argument of `\usepackage`. Afterwards the font family `pvscrip`t is defined. This could also have been done by providing a font definition file.

`\pvscrip`t      The command `\pvscrip`t changes the current font family to `pvscrip`t and the encoding to OT1. Usually this should be used in a T<sub>E</sub>X group only since it changes the font encoding and redefines the umlaut macro.

The following example on the left produces the result on the right.

---

\*This file has version number v1.2, dated 2012/04/10.

```
{\pvsript Lorem ipsum dolor sit
amet, consectetur adipisicing elit,
sed do eiusmod tempor incididunt ut
labore et dolore magna aliqua. Ut
enim ad minim veniam, quis nostrud
exercitation ullamco laboris nisi ut
aliquip ex ea commodo consequat.
Duis aute irure dolor in
reprehenderit in voluptate velit esse
cillum dolore eu fugiat nulla
pariatur. Excepteur sint occaecat
cupidatat non proident, sunt in culpa
qui officia deserunt mollit anim id
est laborum. }
```

*Lorem ipsum dolor sit amet, con-  
sectetur adipisicing elit, sed do  
eiusmod tempor incididunt ut la-  
bore et dolore magna aliqua. Ut  
enim ad minim veniam, quis nostrud  
exercitation ullamco laboris nisi ut  
aliquip ex ea commodo consequat.  
Duis aute irure dolor in reprehem-  
derit in voluptate velit esse cil-  
lum dolore eu fugiat nulla pariatur.  
Excepteur sint occaecat cupidatat  
non proident, sunt in culpa qui of-  
ficia deserunt mollit anim id est  
laborum.*

`\textpvsript`

The macro `\textpvsript` typesets its argument in the pvsript font.  
The following example on the left produces the result on the right.

```
\textpvsript{ Lorem ipsum dolor sit}
amet, consectetur adipisicing elit, sed
do eiusmod tempor incididunt ut labore et
dolore magna aliqua.
```

*Lorem ipsum dolor sit amet,  
consectetur adipisicing elit, sed  
do eiusmod tempor incididunt ut  
labore et dolore magna aliqua.*

## References

- [1] Gerd Neugebauer. Von „krakelig“ bis „wie gemalt“. *Die T<sub>E</sub>Xnische Komödie*, 1/96:25–42, June 1996.

## 3 Implementation

First we declare a new font family for the pvsript font.

```
\DeclareFontFamily{OT1}{pvsript}{}
```

This font is available in the normal shape and in a bold variant. Here we can get the desired font by (silently) scaling the present fonts.

```
\DeclareFontShape{OT1}{pvsript}{m}{n}{<-> s * [12.84]script10}{}
\DeclareFontShape{OT1}{pvsript}{bx}{n}{<-> s * [12.84]scriptb10}{}
\DeclareFontShape{OT1}{pvsript}{b}{n}{<-> sub * pvsript/bx/n}{}

```

Next we define some macros to perform the mapping of umlaut characters which have to be combined out of two characters each.

```
\newcommand\pvsript@a{\mbox{\rlap{\kern.25em}\symbol{34}}a}}
\newcommand\pvsript@o{\mbox{\rlap{\kern.1em}\symbol{34}}o}}
\newcommand\pvsript@u{\mbox{\rlap{\kern.1em}\symbol{34}}u}}
\newcommand\pvsript@A{\mbox{\rlap{\kern.5em}\raisebox{1ex}{\symbol{34}}}}A}}
\newcommand\pvsript@0{\mbox{\rlap{\kern.4em}\raisebox{1ex}{\symbol{34}}}}0}}
\newcommand\pvsript@U{\mbox{\rlap{\kern.4em}\raisebox{1ex}{\symbol{34}}}}U}}

```

Now we define the font changing command.

`pvscrip`t The macro `\pvscrip`t selects the `pvscrip`t family.

```
\DeclareRobustCommand\pvscrip{
\let\pvscrip@original@umlaut=\
\def"##1{%
  \@ifundefined{pvscrip@##1}{%
    \pvscrip@original@umlaut{##1}}{%
    \@nameuse{pvscrip@##1}}%
\def\ss{ss}%
\fontfamily{pvscrip}%
\fontencoding{OT1}%
\selectfont}
```

`textpvscrip`t The macro `\textpvscrip`t typesets its argument in the `pvscrip`t font.

```
\newcommand\textpvscrip[1]{\begingroup\pvscrip #1\endgroup}
```

## Change History

v1.0		v1.2	
General: First release	..... 1	General: Some commands made ro-	
		bust.	..... 1
v1.1		v1.3	
General: Macro <code>textpvscrip</code>		General: License clarified and ad-	
added.	..... 1	dress updated.	..... 1

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