

The `pvscrip`t package* for use with L^AT_EX2e

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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.

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_EX group only since it changes the font encoding and redefines the umlaut macro.

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

3 Implementation

First we declare a new font family for the `pvscrip`t font.

```
1 \DeclareFontFamily{OT1}{pvscrip}{}
```

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.

```
2 \DeclareFontShape{OT1}{pvscrip}{m}{n}{<-> s * [12.84]script10}{}
3 \DeclareFontShape{OT1}{pvscrip}{bx}{n}{<-> s * [12.84]scriptb10}{}
4 \DeclareFontShape{OT1}{pvscrip}{b}{n}{<-> sub * pvscrip/bx/n}{}
5
```

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

```

5 \newcommand\pvscript@a{\mbox{\rlap{\kern.25em\symbol{34}}a}}
6 \newcommand\pvscript@o{\mbox{\rlap{\kern.1em\symbol{34}}o}}
7 \newcommand\pvscript@u{\mbox{\rlap{\kern.1em\symbol{34}}u}}
8 \newcommand\pvscript@A{\mbox{\rlap{\kern.5em\raisebox{1ex}{\symbol{34}}}}A}}
9 \newcommand\pvscript@O{\mbox{\rlap{\kern.4em\raisebox{1ex}{\symbol{34}}}}O}}
10 \newcommand\pvscript@U{\mbox{\rlap{\kern.4em\raisebox{1ex}{\symbol{34}}}}U}}

```

Now we define the font changing command.

pvscript The macro `\pvscript` selects the pvscript family.

```

11 \DeclareRobustCommand\pvscript{
12   \let\pvscript@original@umlaut=\
13   \def\##1{%
14     \ifundefined{pvscript@##1}{%
15       \pvscript@original@umlaut{##1}}{%
16       \@nameuse{pvscript@##1}}}%
17   \def\ss{ss}%
18   \fontfamily{pvscript}%
19   \fontencoding{OT1}%
20   \selectfont}

```

textpvscript The macro `\textpvscript` typesets its argument in the pvscript font.

```

21 \newcommand\textpvscript[1]{\begingroup\pvscript #1\endgroup}

```