The `duerer` package

LaTeX support for the duerer fonts

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1 Introduction

The `duerer` package provides support for the duerer (Dürer) fonts. The duerer fonts are already installed on many systems, this is only support for using the duerer fonts with LaTeX.

Please note that the duerer fonts only provides uppercase characters.

The license of the duerer pcakage and the related files is GNU General Public License.

2 Using the duerer package

If you want some text typeset with the duerer fonts for a short text you can use one of the commands

`\textdurm{...}, \textdubf{...}, \textdusl{...}`

which typesets the text with Dürer Roman, Dürer Roman Bold and Dürer Roman Slanted respektively.

Furthermore there are three other duerer font families available

`\textdutt{...}, \textdusf{...}, \textduin{...}`

which typesets the text with Dürer Typewriter Type, Dürer Sans Serif, Dürer Informal respectively.

If you want to typeset longer passages of text with the duerer fonts, you can use the environments

`durmfamily, dusffamily, duttfamily, duinfamily`

Inside durmfamily the normal LaTeX font switches `\slshape` and `\bfseries` works. Furthermore `\emph` works too.

It is possible to use the commands

`\durmfamily, \dusffamily, \duttfamily, \duinfamily`

but these commands also changes the current fontencoding; use with caution...

A Source of the files in the duerer bundle

A.1 duerer.sty

```
\ProvidesPackage{duerer}
        [2006/01/31 v1.1 LaTeX support for duerer fonts (
           PJ)]

\newcommand*\durmfamily{%
  \fontencoding{OT1}\fontfamily{cdr}\selectfont}

\newcommand*\dusffamily{%
  \fontencoding{OT1}\fontfamily{cdss}\selectfont}

\newcommand*\duttfamily{%
  \fontencoding{OT1}\fontfamily{cdtt}\selectfont}

\newcommand*\duinfamily{%
  \fontencoding{OT1}\fontfamily{cdin}\selectfont}

\DeclareTextFontCommand{\textdurm}{\durmfamily}
\DeclareTextFontCommand{\textdusf}{\dusffamily}
\DeclareTextFontCommand{\textdutt}{\duttfamily}
\DeclareTextFontCommand{\textduin}{\duinfamily}
\DeclareTextFontCommand{\textdusl}{\durmfamily\slshape}
\DeclareTextFontCommand{\textdubf}{\durmfamily\bfseries}
\endinput
```

A.2 ot1cdr.fd

```
\ProvidesFile{ot1cdr.fd}
        [2006/01/31 v1.1 LaTeX font definitions for
           duerer (PJ)]

\DeclareFontFamily{OT1}{cdr}{}
\DeclareFontShape{OT1}{cdr}{m}{n}%
     {<5><6><7><8><9><10><12><10.95><14.4><17.28><20.74><24.88>
         cdr10}{}

\DeclareFontShape{OT1}{cdr}{m}{sl}%
     {<5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>
         cdsl10}{}

\DeclareFontShape{OT1}{cdr}{b}{n}
     {<5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>
         cdb10}{}
```

```
\DeclareFontShape{OT1}{cdr}{m}{sc}{<->ssub * cdr/m/n}{}
\DeclareFontShape{OT1}{cdr}{m}{it}{<->ssub * cdr/m/sl}{}

\DeclareFontShape{OT1}{cdr}{b}{sl}{<->ssub * cdr/b/n}{}
\DeclareFontShape{OT1}{cdr}{b}{it}{<->ssub * cdr/b/n}{}
\DeclareFontShape{OT1}{cdr}{b}{sc}{<->ssub * cdr/b/n}{}

\DeclareFontShape{OT1}{cdr}{bx}{n}{<->ssub * cdr/b/n}{}
\DeclareFontShape{OT1}{cdr}{bx}{sl}{<->ssub * cdr/b/sl}{}
\DeclareFontShape{OT1}{cdr}{bx}{it}{<->ssub * cdr/b/it}{}
\DeclareFontShape{OT1}{cdr}{bx}{sc}{<->ssub * cdr/b/sc}{}
\endinput
```

A.3 ot1cdss.fd

```
\ProvidesFile{ot1cdss.fd}
        [2006/01/31 v1.1 LaTeX font definitions for
            duerer sans (PJ)]

\DeclareFontFamily{OT1}{cdss}{}
\DeclareFontShape{OT1}{cdss}{m}{n}%
     {<5><6><7><8><9><10><12><10.95><14.4><17.28><20.74><24.88>
         cdss10}{}

\DeclareFontShape{OT1}{cdss}{m}{sc}{<->ssub * cdss/m/n}{}
\DeclareFontShape{OT1}{cdss}{m}{it}{<->ssub * cdss/m/n}{}
\DeclareFontShape{OT1}{cdss}{m}{sl}{<->ssub * cdss/m/n}{}

\DeclareFontShape{OT1}{cdss}{b}{n}{<->ssub * cdss/m/n}{}
\DeclareFontShape{OT1}{cdss}{b}{sl}{<->ssub * cdss/b/n}{}
\DeclareFontShape{OT1}{cdss}{b}{it}{<->ssub * cdss/b/n}{}
\DeclareFontShape{OT1}{cdss}{b}{sc}{<->ssub * cdss/b/n}{}

\DeclareFontShape{OT1}{cdss}{bx}{n}{<->ssub * cdss/b/n}{}
\DeclareFontShape{OT1}{cdss}{bx}{sl}{<->ssub * cdss/b/sl
    }{}
\DeclareFontShape{OT1}{cdss}{bx}{it}{<->ssub * cdss/b/it
    }{}
\DeclareFontShape{OT1}{cdss}{bx}{sc}{<->ssub * cdss/b/sc
    }{}
\endinput
```

A.4 ot1cdtt.fd

```
\ProvidesFile{ot1cdtt.fd}
```

```
        [2006/01/31 v1.1 LaTeX font definitions for
           duerer typewriter (PJ)]

\DeclareFontFamily{OT1}{cdtt}{}
\DeclareFontShape{OT1}{cdtt}{m}{n}%
     {<5><6><7><8><9><10><12><10.95><14.4><17.28><20.74><24.88>
        cdtt10}{}

\DeclareFontShape{OT1}{cdtt}{m}{sc}{<->ssub * cdtt/m/n}{}
\DeclareFontShape{OT1}{cdtt}{m}{it}{<->ssub * cdtt/m/n}{}
\DeclareFontShape{OT1}{cdtt}{m}{sl}{<->ssub * cdtt/m/n}{}

\DeclareFontShape{OT1}{cdtt}{b}{n}{<->ssub * cdtt/m/n}{}
\DeclareFontShape{OT1}{cdtt}{b}{sl}{<->ssub * cdtt/b/n}{}
\DeclareFontShape{OT1}{cdtt}{b}{it}{<->ssub * cdtt/b/n}{}
\DeclareFontShape{OT1}{cdtt}{b}{sc}{<->ssub * cdtt/b/n}{}

\DeclareFontShape{OT1}{cdtt}{bx}{n}{<->ssub * cdtt/b/n}{}
\DeclareFontShape{OT1}{cdtt}{bx}{sl}{<->ssub * cdtt/b/sl
   }{}
\DeclareFontShape{OT1}{cdtt}{bx}{it}{<->ssub * cdtt/b/it
   }{}
\DeclareFontShape{OT1}{cdtt}{bx}{sc}{<->ssub * cdtt/b/sc
   }{}
\endinput
```

A.5 ot1cdin.fd

```
\ProvidesFile{ot1cdin.fd}
        [2006/01/31 v1.1 LaTeX font definitions for
           duerer informal (PJ)]

\DeclareFontFamily{OT1}{cdin}{}
\DeclareFontShape{OT1}{cdin}{m}{n}%
     {<5><6><7><8><9><10><12><10.95><14.4><17.28><20.74><24.88>
        cdi10}{}

\DeclareFontShape{OT1}{cdin}{m}{sc}{<->ssub * cdin/m/n}{}
\DeclareFontShape{OT1}{cdin}{m}{it}{<->ssub * cdin/m/n}{}
\DeclareFontShape{OT1}{cdin}{m}{sl}{<->ssub * cdin/m/n}{}

\DeclareFontShape{OT1}{cdin}{b}{n}{<->ssub * cdin/m/n}{}
\DeclareFontShape{OT1}{cdin}{b}{sl}{<->ssub * cdin/b/n}{}
\DeclareFontShape{OT1}{cdin}{b}{it}{<->ssub * cdin/b/n}{}
\DeclareFontShape{OT1}{cdin}{b}{sc}{<->ssub * cdin/b/n}{}
```

```
\DeclareFontShape{OT1}{cdin}{bx}{n}{<->ssub * cdin/b/n}{}
\DeclareFontShape{OT1}{cdin}{bx}{sl}{<->ssub * cdin/b/sl
    }{}
\DeclareFontShape{OT1}{cdin}{bx}{it}{<->ssub * cdin/b/it
    }{}
\DeclareFontShape{OT1}{cdin}{bx}{sc}{<->ssub * cdin/b/sc
    }{}
\endinput
```