

1 Installation

1.1 ConT_EXt

ConT_EXt MkIV are needed for using the math font, text fonts can be used with either MkIV or MkII with X_ƎT_EX engine, MkII with pdfT_EX is not supported.

Recent versions of ConT_EXt already have typescripts for XITS, so just installing the fonts into TEXMF tree is enough.

1.2 L^AT_EX

A modern T_EX engine with Unicode and OpenType support is needed, namely LuaT_EX or X_ƎT_EX. In addition to fontspec package, unicode-math is needed for using XITS fonts in math mode.

If you are using LuaT_EX then you can either install the fonts OS wide or in TEXMF tree. If you are using X_ƎT_EX then you need to either install fonts OS wide, or adapt your fontconfig configuration to look for fonts installed under TEXMF tree, otherwise you will not be able to access fonts by font name.

1.3 MS Office

MS Office 2007 or newer is required, the fonts can be installed the regular way.

2 Usage

2.1 L^AT_EX

2.1.1 Examples

```
\documentclass{article}
\usepackage{unicode-math}
\setmainfont{XITS}
\setmathfont{XITS Math}

\begin{document}
```

Text $x+y=\sqrt{z}$
 $\end{document}$

2.2 ConT_EXt

2.2.1 Examples

$\usetypescript[xits]$
 $\setupbodyfont[xits]$
 \starttext
 Text $x+y=\sqrt{z}$
 \stoptext

3 Font features

feature	Description	Example
onum	Oldstyle numbers	o 1 2 3 4 5 6 7 8 9
frac	Diagonal fractions	$\frac{1}{2}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{5}{6}$ $\frac{7}{8}$
ss01	Mathematical Calligraphic Alphabet	<i>ABCDEFGHIJK</i>