

Using Lucida OpenType as system fonts

TeX Users Group
<http://tug.org/lucida>

July 3, 2017

This document, `lucidaot-sys-example`, only serves as an example of using the Lucida OpenType fonts in \TeX via system font lookups. Lucida OpenType also works with ConTeXt; see its documentation.

To load Lucida OpenType as system fonts, of course they must first be installed on your system, and that procedure is different on each of the major operating systems: Unix, MacOS, and Windows. For information, please see the `INSTALL-sys-*.txt` files in the Lucida distribution.

Once installed on the system, here is a template for the \TeX preamble:

```
\usepackage{fontspec}
\usepackage{unicode-math}
%
% Slightly reduce size.
\defaultfontfeatures{Scale=.92}
%
% Look up as system fonts, not via TeX-world filenames.
\setmainfont[Ligatures=TeX]{Lucida Bright OT}
\setsansfont[Ligatures=TeX]{Lucida Sans OT}
\setmonofont{Lucida Sans Typewriter OT}
% or: \setmonofont{Lucida Grande Mono DK}
% or: \setmonofont{Lucida Console DK}
%
\setmathfont{Lucida Bright Math OT}
\setmathfont[version=bold]{Lucida Bright Math OT Demibold}
%
\newfontface\LucidaBlackletter{Lucida Blackletter OT}
\newfontface\LucidaCalligraphy{Lucida Calligraphy OT}
\newfontface\LucidaHandwriting{Lucida Handwriting OT}
```

Naturally, you should change the options specified according to your own needs. As a starting point, you can copy the exact commands from this document's source (`lucidaot-sys-example.tex`) or the companion document that uses font loading by filename (`lucidaot.tex`).

The `version=bold` option to `\setmathfont` is supported only in versions of the `unicode-math` package newer than 2011/01/29. For older versions, a workaround is to reset the main math font; see the `lucidaot.tex` source file.

Please also see the `lucidaot` document for detailed information about loading the fonts, OpenType features, and more.

© Lucida is a trademark of Bigelow & Holmes Inc. registered in the U.S. Patent & Trademark Office and other jurisdictions.