

How to install Lucida Fonts for Latex or Tex

It is quite simple to install Lucida fonts under Windows in Tex Live, *if one knows how to do that!*

1. It is important to realize that it can only be done via the Console, i.e., via a command carried out at the prompt of the little program `cmd.exe`, which is present on any Windows computer, but may be hidden. First thing to do is find it.
2. Download the directory 'texlive', but take care not install it on C:/ but in C:/Users/ If not, later versions of Windows do not allow you to *change* things in the directory texlive, which, however, is essential.
After downloading Tex Live, which takes two hours or so, you will observe within the directory 'texlive' a directory called 'texmf-local'.
3. In order to download the Lucida-font files, go to
<https://www.tug.org/store/licida/x/e.cgi/lucidaot1-tex.zip>
and use the password the TUG-administration sent you after paying your Lucida fonts. The file 'lucidaot1-tex' is then sent to you.
4. Unzip this file 'lucidaot1-tex' to a new directory, which you call, for instance, 'luc-unzipped'.
5. Now copy-paste the CONTENTS of 'luc-unzipped' (NOT the directory 'luc-unzipped' itself) to the directory 'texmf-local'.
6. Then open the console (`cmd.exe`) *by right-clicking* the mouse. This opens the console with administrator rights, which is important.
It is totally irrelevant where you begin, in C:/, in C:/Users/, or elsewhere. The following two commands will work anyway.
7. Firstly, run the command:
mktxlsr
and wait quite a long time. There is some response on the console telling you what has been done.
8. Secondly, run the command
updmap-sys --enable Map lucida.map
Again, wait some time. And again, there is response on the console.
9. Restart the computer.
The Lucida fonts are now a part of Tex or Latex.

10. Next install Texmaker or any other Tex- or Latex editor, like TeXworks or WinEd. Open from this editor one of the example files contained in your directory 'luc-unzipped', namely:

doc/fonts/lucidabr. One is called lucida-online-samples.tex, another has the name lucida-amsmath.tex.

If the installation has succeeded, running one of these files from your editor produces a pdf with Lucida fonts. If so, the installation has been tested positively.

11. If not, nothing is lost: one may repeat the installation via the command:

updmap-sys --syncwithtrees

and then run again the commands of 7 and 8, in that order.

That is all.

You may include the Lucida fonts in your document by adding the lines

```
\usepackage[T1]{fontenc}
\usepackage{lucidabr}
```

to the preamble of your document.

Acknowledgement. The information above was given by Axel and Bruno, for various platforms in general, and reformulated here for Windows' users in particular.

12. Finally, if you want to install a Lucida font for Windows applications *other than TeX or LaTeX* go to directory 'luc-unzipped' and open fonts/opentype/bh/lucidaot
A list of fonts appears. Rightclick on a fontname, and choose 'install for all users' from the menu that pops up.

Good luck,

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