LaTeX Setup for the Sublime Editor

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1. Install TeX Live https://www.tug.org/texlive/acquire.html. This will take some time to download.

2. Add TeX Live executables to your system path. It is in a folder similar to "C:\texlive\2020\bin\win32"

3. Use Sublime's package control to install LaTeXTools package. In Sublime, go to "Preferences →
   Package Control → Package Control: Install Package" and scroll or search for LaTeXTools

4. Install the lightweight pdf reader SumatraPDF at https://www.sumatrapdfreader.org/download-free-pdf-viewer.html

5. It will likely install in your Admin folder and give you an error that it can't be opened. It may be in
   "C:\Users\.ARA-ADMIN\AppData\Local". So move the SumatraPDF folder to "C:\Program Files"
   or somewhere else that is accessible.

6. Add the "C:\Program Files\SumatraPDF" (or whatever you chose) to your system path and restart
   your computer for the path changes to take affect.

7. Ensure setup is correct:

   - Go to "Preferences → Package Settings → LaTeXTools → Settings – User" and scroll to the
     Platform Settings (about line 209)
   - Ensure the TeX distro is set to "texlive"
   - Go to "Preferences → Package Settings → LaTeXTools → Check System". The status of all
     essential programs should be labeled as "available".

8. Now Create a .tex document (or just use this document) and press Ctrl+b to compile the file. Sumatra
   should pop up and show you a preview.

9. Install LaTex-cwl and LaTeXYZ with Sublime's package control just like we did above. These packages
   assist with autocompletion and syntax shortcuts. For reference:

   - https://github.com/LaTeXing/LaTeX-cwl
   - https://github.com/randy3k/LaTeXYZ

10. Configure inverse search so you can compare a pdf object to an editor object easily.

    - Compile a tex file so that SumatraPDF is displaying a tex document.
    - In the SumatraPDF window, go to "Settings → Options" and in the inverse search section put
      the path to your sublime executible followed by "%f:%l"
    - For example: "C:\Program Files\Sublime Text 3\sublime_text.exe" "%f:%l"
    - Now double clicking on a line in the pdf will automatically move the cursor to the corresponding
      line in Sublime.

11. A comprehensive list of LaTeX symbols can be found here:

    - https://mirror.its.dal.ca/ctan/info/symbols/comprehensive/symbols-a4.pdf