Setup LaTex Environment on Windows

Monday, 2 February 2015 9:32 am

- 1. Tools:
 - a. Tex Live for Windows (<u>https://www.tug.org/texlive/</u>) Note: select a good mirror site.
 - b. Sublime 3
 - c. SumatraPDF (http://www.sumatrapdfreader.org/free-pdf-reader.html)
 - d. DAEMON tool (optional, to load the iso file for installation)
- 2. Steps:
 - a. Load the .iso file, and start install. (It takes a while. Hold on, please. Remember to change the "Default paper size -> letter")

% Install-tl			
	TeX Live 2012 Installation		
	Basic Information		
	Selected scheme	scheme-full	Change
028	Further Customization		
S	Standard collections		Change
States &	Language collections		Change
× 7	85 collections out of 85 (disk space required: 3793 MB)		
	Direct	ory setup	T 1
		NO	
	IEXDIR (the main TeX directory)	C:\texlive\2012	Change
	TEXMFLOCAL (directory for site-wide local files)	C:\texlive\texmf-local	Change
\bigcirc	TEXMFSYSVAR (directory for autogenerated data)	C:\texlive\2012\texmf-var	Change
\sim	TEXMFSYSCONFIG (directory for local config)	C:\texlive\2012\texmf-config	Change
	TEXMFHOME (directory for user-specific files)	~\texmf	Change
	Options		
\leq	Default paper size	letter	
	Allow execution of restricted list of programs via \write18	Yes	Toggle
	Create all format files	Yes	Toggle
	Install font/macro doc tree	Yes	Toggle
	Install font/macro source tree	Yes	Toggle
	Adjust PATH setting in registry	Yes	Toggle
	Add menu shortcuts	Yes	Toggle
	Change file associations	Only new	Change
	Installation for all users	Yes	Toggle
	Install TeXworks front end	Yes	Toggle
v28129/26745		Live) Quit	

 b. Install Sublime 3, Package Control (<u>https://packagecontrol.io/installation</u>), LaTexTools (install by using the Package Controll). Then go to the setting (LaTexTools.sublime-settings): (change the path based on your setting)

```
"windows": {
    // Path used when invoking tex & friends; "" is fine for MiKTeX
    // For TeXlive 2011 (or other years) use
    // "texpath" : "C:\\texlive\\2011\\bin\\win32;$PATH",
    "texpath" : "C:\\texlive\\2014\\bin\\win32;$PATH",
    // TeX distro: "miktex" or "texlive"
    "distro" : "texlive"
},
```

c. Add SumatraPDF to PATH (IMPORTANT!)

Add the following thing (System Path Variable):

"PATH" = "C:\Program Files (x86)\SumatraPDF;".

d. Set inverse search in SumatraPDF (when you double click the PDF, you would get the location in the tex file):

"C:\my_tool\Sublime Text 3\sublime_text.exe" "%f:%l"

- e. Restart your computer.
- 3. How to build? Just press "Ctrl + B".
 - --> Have fun! --> 16/11/2015
 - --> By Harry Cui