

Document Processing Flow Using Pandoc and TeX

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1 Setup the workflow on Mac OS X

1.1 Install Pandoc

1. Download pandoc-1.13.*-osx.pkg (about 27MB) from <https://github.com/jgm/pandoc/releases>.
2. Double click the pkg file to install Pandoc.

1.2 Install MacTeX

1. Download MacTex.pkg (about 2.3GB) from <http://www.tug.org/mactex/>.
2. Double click the pkg file to install MacTeX.

1.3 Install Fonts

1. Download TeX Gyre Termes family fonts from <http://www.gust.org.pl/projects/e-foundry/tex-gyre/termes>.
2. Download Chinese fonts AdobStongStd, AdobHeitiStd, AdobeFangsongStd and AdobKaitiStd. A download link is <http://download.csdn.net/download/wpc0000/6762849>.
3. Unzip and double click to install those fonts.
4. Install zhfonts module. A reference is <https://gist.github.com/weijianwen/4a3794946982f4cc0b31>.

Now it should be okay for your Mac OS X to compile Markdown and LaTeX files with Pandoc.

2 Setup the workflow on GNU/Linux

3 Setup the workflow on Windows

1. Install Tex Live 2014 (<https://www.tug.org/texlive/>)
 - Go to [its download page](#) to download the Tex Live ISO file.
 - Mount the ISO file and run install-tl-windows.bat. For details, visit its [installation page](#).
 - After the installation, you can run context to see if the executable has been added to your PATH.
 - Get zhfonts from its [github page](#) and set it up by following [its instruction](#). One thing to notice, please copy zhfonts into texlive\2014\texmf-dist\tex\context\third.
2. Install pandoc (<http://johnmacfarlane.net/pandoc>)
 - Go to the [download page](#) to download the latest pandoc for Windows and install it.

- Run pandoc in command line to check whether it is properly installed.
3. Install Cygwin (<https://cygwin.com/>)
- Download the Cygwin that corresponds to your OS from its [download page](#).
 - In your first installation, you should choose Install from Internet and in the later step, choose <http://mirrors.ustc.edu.cn> or any other mirror in China to get better speed.
 - In the package selection step, select Base–sed, Devel–make, Base–openssl, Net–openssl, Devel–git,git-completion.
 - After the installation, open Cygwin and see whether the context and pandoc command can be used. If any of them is not available, please add their directory into PATH.
 - Now you should be able to generate docs.

4 Reference