Installing LaTex and TexStudio

CSI 500
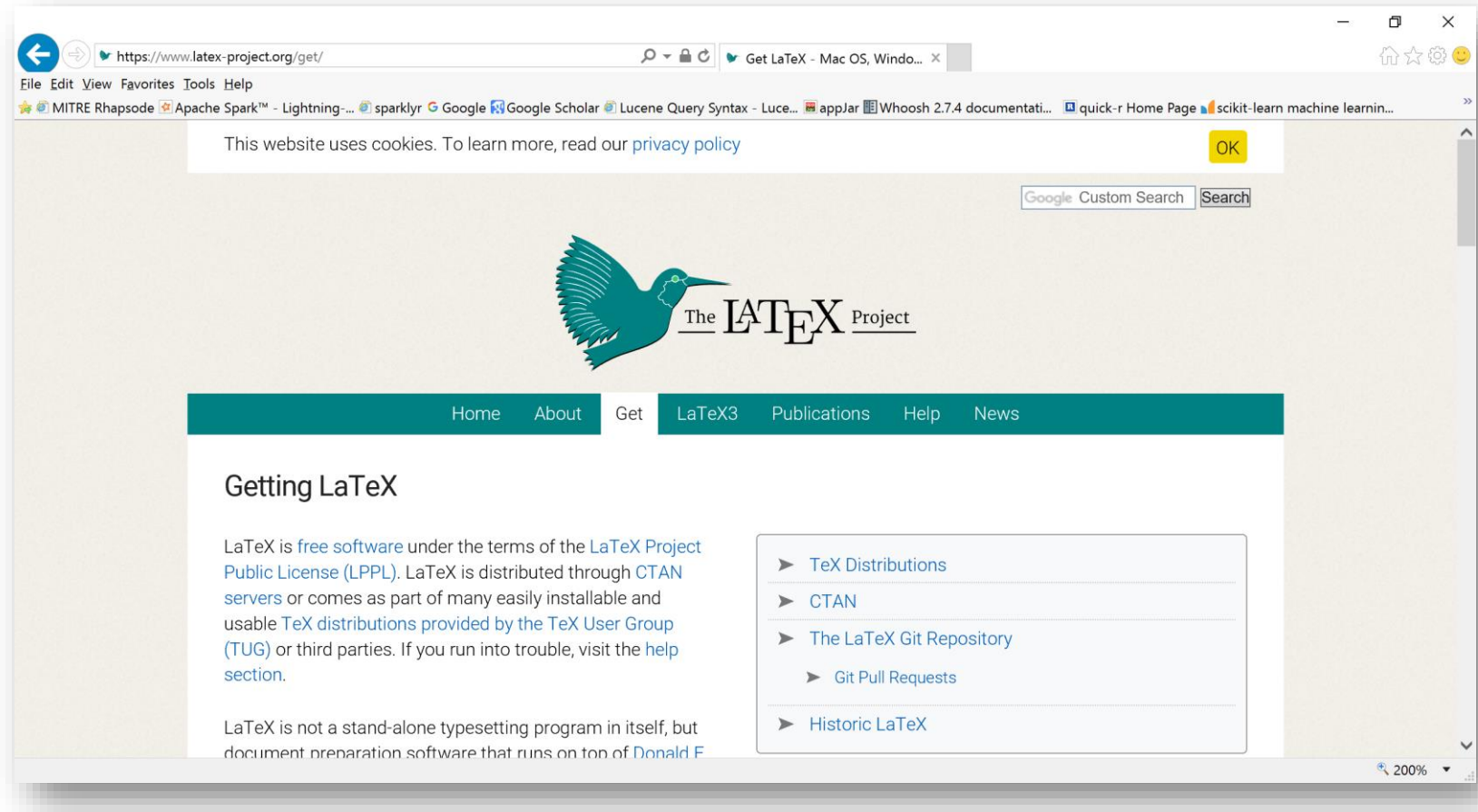
The LaTex / TexStudio Stack

TexStudio IDE

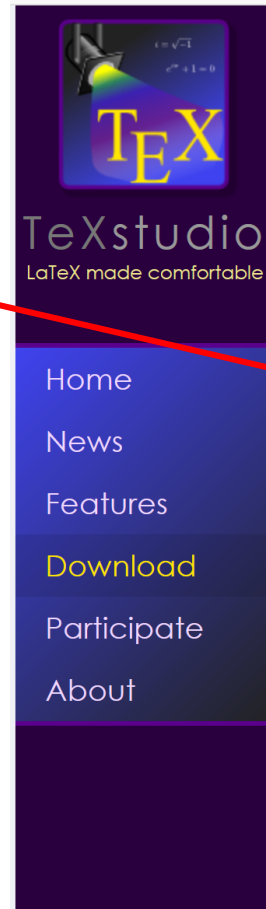LaTex System

Your operating system
(Linux, Mac, Windows)

Your hardware

Installing LaTex

- Start by installing a basic distribution of Tex
  - https://www.latex-project.org/get/
  - Use MiKTex, proTeXt, or TeX Live for Windows (I use MiKTex for this class)
  - Use MacTex for Mac http://www.tug.org/mactex/
  - Check links on the page for Linux distributions

Nice blog on end-to-end MiKTex and TexStudio installation at
http://math65740.blogspot.com/2015/06/installing-miktex-and-texstudio-on.html

Installing TexStudio

- TexStudio is an IDE for LaTex
  - Downloads are available at https://www.texstudio.org/
  - Installation can take a while (5-10+ minutes), with lots of library downloads
  - Once installed, you'll need to check the configuration to make sure your MiKTex is lined up with your TexStudio

TeXstudio
LaTeX made comfortable

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Windows

Platform	Version	Type	Size	How to install
Vista/7/8/10	2.12.14	Installer	74.2 MB	download and double click on the installer exe
Vista/7/8/10	2.12.14	Portable (.zip)	76.3 MB	download and unzip the zip
XP	2.12.14	Installer	74.2 MB	download and double click on the installer exe
XP	2.12.6	Portable (.zip)	42.6 MB	download and unzip the zip

Linux

We recommend that you first try to install TeXstudio from the repository of your distribution. Only if TeXstudio is not available there, use the following pre-packaged versions.

For Ubuntu, a PPA is available: PPA

Furthermore an app-image is available which can be run on any platform: appImage (54.4 MB). Just make the file executable and run it.

Platform	Type	Version	Size	How to install
CentOS CentOS-7	x86_64	2.12.14, QT 4	20 MiB	download and open it with your package manager
Debian 8.0	amd64	2.12.14, QT 4	17 MiB	download and open it with your package manager

Your TexStudio Installation

Document preview

Menu Bar and Tools

Document Structure

LaTex code for document

Compilation Results and messages