

6. L^AT_EX

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Goal

Get to know about \LaTeX !

Outline

- What's \LaTeX ?
- Install TexWorks.

What's L^AT_EX?

T_EX is a formatting system designed by Donald Knuth.

L^AT_EX (for L^Ampport T_Ex) uses T_EX macros and produce documents.

- It is widely used in academia.
- It's free!
- You may use it for writing papers and making presentation slides.
(For example, lecture slides for this course are written in L^AT_EX).

Install TeX Live

- TeX Live is the most popular distribution package.
- Go to [TeX Live](#). → Download the installer (“install-tl-windows.exe” for Win users).

Install TeX Live (cont.)



If you see this kind of security message, open the details and run the installer. Installation takes a very long time.

Install TeXworks

- In order to use \LaTeX , you need an editor.
- There are several editors (e.g., TeXnicCenter, TeXworks, WinShell, Scientific WorkPlace).
- Here we use TeXworks.
- Go to [TeXworks](#). → Download the installer of the most updated version (".exe" file) for Win users.
 - For Mac users, use disk images (".dmg" file).
- Install TeXworks on your computer.