Introduction to LaTeX

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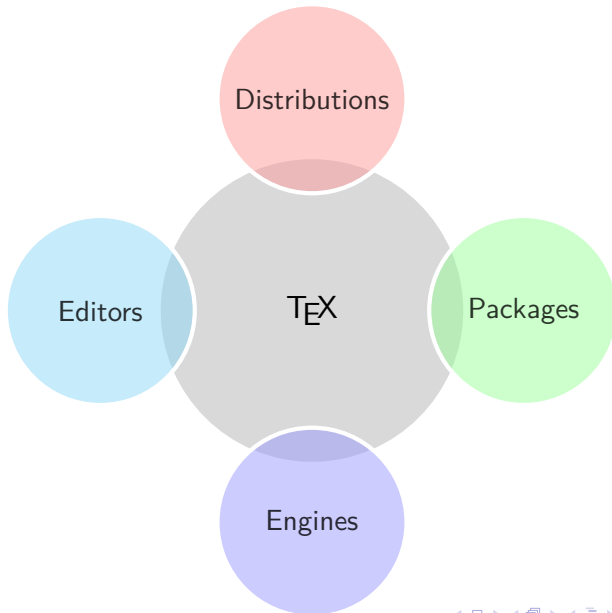
TEX

- ▶ Typesetting System
- ▶ Designed by Donald Knuth in 1978
- ▶ Free*dom* Software.

LaTeX

- ▶ Macros added to TeX
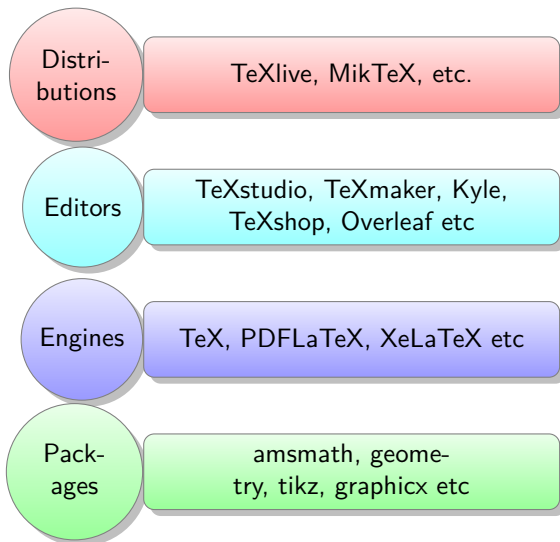- ▶ Developed by Leslie Lamort in 1984

  Is LaTeX hard to use?
  It's easy to use –if you're one of the 2% of the population
  who thinks logically and can read an instruction manual.
  The other 98% of the population would find it very hard
  or impossible to use.

Structure

Details

Distri-butions	TeXlive, MikTeX, etc.
Editors	TeXstudio, TeXmaker, Kyle, TeXshop, Overleaf etc
Engines	TeX, PDFLaTeX, XeLaTeX etc
Pack-ages	amsmath, geome-try, tikz, graphicx etc

Resources

- https://tug.org
- https://www.tug.org/twg/mactex/tutorials/ltxprimer-1.0.pdf
- tex.stackexchange.com