

L^AT_EX for Technical Documents and Presentations

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History of \LaTeX

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- ▶ 1996: $\LaTeX 2\epsilon$ released.

- ▶ Line and Page Breaking

L^AT_EX vs Technical Word Processing

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- ▶ Space between Words and Sentences

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- ▶ Multiple Use of Same Character
- ▶ Possible Characters and Symbols
- ▶ Ease of Use

How \LaTeX Facilitates \TeX

- ▶ Document Classes

How L^AT_EX Facilitates T_EX

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- ▶ Labeling and Automatic Numbering

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 - ▶ Tables
 - ▶ Figures
 - ▶ The Bibliography
- ▶ Labeling and Automatic Numbering
- ▶ Table of Contents, List of Tables and/or Figures

- ▶ Packages

Support for L^AT_EX

- ▶ Packages
- ▶ CTAN

Support for \LaTeX

- ▶ Packages
- ▶ CTAN
- ▶ pdf Output

Support for L^AT_EX

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- ▶ pdf Output
- ▶ FREE!

Tex Implementations

Mac users: If you're running OS X, go to www.uoregon.edu/~koch/texshop. Follow the instructions for downloading and installing TeXShop.

Windows users: You'll need a T_EX editor and a T_EX compiler. For an editor go to www.toolscenter.org and download Texnik Center. For a T_EX compiler go to www.miktex.org and download MikTeX. Some Windows users prefer WinEdit, a commercial product that can be obtained from www.winedt.com

L^AT_EX seminars are being planned for the Spring Semester, 2009 and the first summer session, 2009. If you would like to participate, please indicate your intent with an email message to me at weil@math.msu.edu