

L^AT_EX Package Recommendations

cfr

1 General

You should almost always use:

babel Pass `welsh`, `british` to your class.

inputenc Load with option `utf8`; `\input{ix-utf8enc.dfu}`.

fontenc Load with option `T1`.

textcomp

microtype

2 Document Layout

If you are using a standard class (e.g. **article**, **book** or **report**):

geometry to change page dimensions.

fancyhdr for custom headers/footers.

footmisc for customised footnotes.

titling to use document metadata after `\maketitle`.

3 Mathematics

mathtools for enhanced **amsmath**.

amssymb for more symbols, scripts.

ntheorem for enhanced theorem environments.

4 Quotes & Quoting

csquotes for context- and language-sensitive quotations and quotation marks. Recommended if using **biblatex**.

5 Citations & Bibliographies

biblatex Load with option `backend=biber`.

6 Cross-Referencing

fancyref for enhanced cross-references.

cleverref for enhanced cross-references.

7 Lists

enumitem for custom lists.

glossaries for glossaries and lists of acronyms.

8 Tables

array for enhanced tabular environments.

booktabs for professional quality tables.

longtable for multi-page tables.

tabularx for tables with specified width.

threeparttable for tables with notes.

multirow for cells spanning multiple rows.

9 Floats

caption to customise captions.

float more options for floats.

subcaption for sub-figures, sub-tables and sub-captions.

floatrow for aligned sub-figures.

rotating to rotate floats.

10 Hyperlinks

hyperref for hyperlinks.

bookmark for enhanced bookmarks.

11 Images & Colour

graphicx to load external images.

xcolor for colour.

12 Diagrams

tikz for diagrams. *Many* specialised extensions available.

pgfplots for plots. Includes **pgfplotstable** for data tables.

13 External Data

datatool for data manipulation.

textmerg for merging text.

14 Version Control

svn-multi for use with **subversion**.

gitinfo2 for use with **git**.