Programming \LaTeX —
A survey of documentation and packages

Brian Dunn
Github: https://github.com/bdtc/docsurvey
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January 14, 2024

Abstract
A survey of documentation for \LaTeX. Included are references to printed and electronic books and manuals, symbol lists, \texttt{FAQ}s, the \LaTeX source code, CTAN and distributions, programming-related packages, users groups and online communities, and information on creating packages and documentation.

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\footnote{This work may be distributed and/or modified under the conditions of the \LaTeX Project Public License, either version 1.3 of this license or (at your option) any later version. The latest version of this license is in \url{http://www.latex-project.org/lppl.txt} and version 1.3 or later is part of all distributions of \LaTeX version 2005/12/01 or later.}
Reinventing the wheel may be useful if you think that you can do it better. Worse, though, is not even being aware that the wheel has already been invented in the first place, which can be an embarrassing waste of time. Such can be the case both for a new \LaTeX{} programmer who isn't aware of the many ways...
things may be done, but also for someone, this author included, who learned \LaTeX{} many years ago but may have missed some of the recent advancements in package code and documentation.

A wealth of information is available, not only in print and online, but also directly embedded in the typical \LaTeX{} distribution. The following is meant to be a broad overview of some of today’s resources for \LaTeX{} programmers.

In some cases the same document may be listed in several categories. For example, a graphics FAQ also available in French may be listed under graphics, FAQs, and also French documents.

Many older documents are not included.

(The latest version of this document is available as the \LaTeX{} docsurvey package.)

## Printed books

Even in an electronic/online era, printed books still have the advantage of being able to be opened for reference without taking up space on the screen. Printed books also provide extended discussion of useful topics, have extensive human-edited indexes which are more useful than a simple document-wide search function, and some are also available in electronic format.

### \TeX{} FAQ

\TeX{} FAQ. URL: https://texfaq.org/.

An online resource, which includes a detailed list of printed books.

### More Math Into \LaTeX{}


Updated edition.

### Guide to \LaTeX{}


An introduction and more advanced material, including an extensive reference guide.

### \LaTeX{} Beginner’s Guide


An overview with numerous examples.

### \LaTeX{} Cookbook


More examples.
The classic introduction to \LaTeX, in continuous reprint for decades.

Provides extended discussion and examples of the inner workings of \LaTeX and hundreds of useful packages.

\LaTeX books and documentation by category

Most of these are provided with the \TeX distribution, and may be updated with each release. Access the embedded documentation from a command line using the \texttt{texdoc} program.
TEX

For a list of older books, see https://www.texfaq.org/FAQ-tex-books.

**TEX for the Impatient**
Abrahams et al.


A tutorial and reference for \TeX, plain \TeX, and Eplain. Also available in French and Chinese.

*(texdoc impatient)*

**A Gentle Introduction to \TeX**
Doob


A comprehensive tutorial on plain \TeX.

*(texdoc gentle)*

**\TeX by Topic**
Eijkhout


A reference for \TeX. This may be useful for understanding the source code of \LaTeX\ package, many of which are quite old and written in low-level \TeX.

*(texdoc texbytopic)*

**\TeX in a Nutshell**
Olšák


The basics of plain \TeX.

*(texdoc tex-nutshell)*

**Wikibooks**

Wikibooks. *\TeX*. URL: https://en.wikibooks.org/wiki/\TeX.

An online book about low-level \TeX.

**Getting Started with Plain \TeX**
Wilkins


**\LaTeX**

**Writing Scientific Documents Using \LaTeX**
Bennieston


An introduction to typesetting scientific documents.
Formatting Information, A beginner’s introduction to typesetting with $\LaTeX$

Peter Flynn. *Formatting Information, A beginner’s introduction to typesetting with $\LaTeX$*. 2005. URL: [https://ctan.org/pkg/beginlatex](https://ctan.org/pkg/beginlatex).

A beginner’s introduction to typesetting with $\LaTeX$.

The very short guide to typesetting with $\LaTeX$


A four-page introduction.

$\LaTeX$ 2ε: An unofficial reference manual


A thorough but concise reference manual for $\LaTeX$ 2ε, available in several languages. (texdoc -l latex2e-help).

Getting something out of $\LaTeX$


Create your first document in $\LaTeX$.

Guide to $\LaTeX$


An introduction and more advanced material, including an extensive reference guide.

$\LaTeX$ Beginner’s Guide


An overview with numerous examples.

$\LaTeX$ Cookbook


More examples.
\textbf{\LaTeX{}: A Document Preparation System} \hfill Lamport


The classic introduction to \LaTeX{}, in continuous reprint for decades.

\textbf{\LaTeX{} for Undergraduates} \hfill Lounsbury

Andrew Lounsbury. \textit{\LaTeX{} for Undergraduates}. 2022. 18 pp. ULR: \url{https://ctan.org/pkg/latex-for-undergraduates}.

A minimalist introduction for undergraduate students, including setup and editors. Be sure to locate and open the source file \texttt{LaTeX\_for\_Undergraduates.tex} (\texttt{texdoc latex-for-undergraduates}).

\textbf{The \LaTeX{} Companion, 3rd Edition} \hfill Mittelbach et al.


Provides extended discussion and examples of the inner workings of \LaTeX{} and hundreds of useful packages.

\textbf{Yet Another Guide to \LaTeX{} 2\epsilon} \hfill Morris


Guide for users of Windows and TeXLive. (\texttt{texdoc yet-another-guide-latex2e}).

\textbf{The Not So Short Introduction to \LaTeX{} 2\epsilon} \hfill Oetiker

Tobias Oetiker. \textit{The Not So Short Introduction to \LaTeX{} 2\epsilon}. Bulgarian, Chinese, Czech, Dutch, Estonian, Finnish, French, German, Italian, Japanese, Korean, Mongol, Persian, Polish, Portuguese, Russian, Slovenian, Spanish, Thai, Turkish, Ukrainian, Vietnamese. 2015. 153 pp. ULR: \url{https://ctan.org/pkg/lshort}.

Covers introductory material, customizations, and a simple package. (\texttt{texdoc -l lshort}).

\textbf{\LaTeX{} for authors — current version} \hfill \LaTeX{} Project team

\LaTeX{} Project team. \textit{\LaTeX{} for authors — current version}. 2023. 22 pp. ULR: \url{https://www.latex-project.org/help/documentation/usrguide.pdf}.

Guide to the new programming interface for document authors. (\texttt{texdoc usrguide}).
LaTeX for authors — historic version

LaTeX Project team. *LaTeX for authors — historic version*. 2022. 31 pp. URL: [https://ctan.org/pkg/usrguide](https://ctan.org/pkg/usrguide).

An overview of the new features of LaTeX 2ε compared to LaTeX2e.09. (texdoc usrguide-historic).

LaTeX for Complete Novices


An extensive introduction for a non-technical person. (texdoc dickimaw-novices).

Using LaTeX to Write a PhD Thesis


A followup to *LaTeX for Complete Novices*, including extensive discussion about bibliographies, indexes, and glossaries. (texdoc dickimaw-thesis).

Wikibooks


An online book, includes information about creating LaTeX packages and classes.

Luatex

Luatex Reference Manual


The complete reference. (texdoc luatex).

A guide to Luatex


An overview, and references to related packages. (texdoc lualatex-doc).

Xetex

font-change-xetex


For plain Xetex. (texdoc font-change-xetex).
**The **\texttt{Xe\TeX}** Companion** \hspace{1.5cm} Goossens et al.

Michel Goossens et al. *The **Xe\TeX** Companion. \TeX{} meets OpenType and Unicode*. 2010. 112 pp. \url{https://ctan.org/pkg/xetex}.

Introduction to OpenType and Unicode, using OpenType fonts, handling Unicode-encoded sources.

**The **\texttt{Xe\TeX}** reference guide** \hspace{1.5cm} Robertson et al.


A summary of additional features over \TeX{}. \hspace{1cm} (texdoc xetex-reference).

**\LaTeX3 and expl3**

**The \LaTeX3 Interfaces** \hspace{1.5cm} \LaTeX{} Project team

\LaTeX{} Project team. *The \LaTeX3 Interfaces*. 2020. 310 pp. \url{https://ctan.org/pkg/l3kernel}.

Reference documentation for the expl3 programming environment. \hspace{1cm} (texdoc interface3).

**The \LaTeX3 kernel: style guide for code authors** \hspace{1.5cm} \LaTeX{} Project team

\LaTeX{} Project team. *The \LaTeX3 kernel: style guide for code authors*. 2020. 5 pp. \url{https://ctan.org/pkg/l3kernel}.

Style guide for authors using expl3. \hspace{1cm} (texdoc l3styleguide).

**The expl3 package and \LaTeX3 programming** \hspace{1.5cm} \LaTeX{} Project team

\LaTeX{} Project team. *The expl3 package and \LaTeX3 programming*. 2020. 16 pp. \url{https://ctan.org/pkg/l3kernel}.

Introduction to expl3. \hspace{1cm} (texdoc expl3).

**\LaTeX3: Programming in \LaTeX{} with Ease** \hspace{1.5cm} Xiang

Ziyue “Alan” Xiang. *\LaTeX3: Programming in \LaTeX{} with Ease*. \url{https://www.alanshawn.com/latex3-tutorial/}.

A \LaTeX{}3 programming tutorial.

**Bibliography**

**Tame the BeaST** \hspace{1.5cm} Markey

Nicolas Markey. *Tame the BeaST. The B to X of Bib\TeX*. 2009. 48 pp. \url{https://ctan.org/pkg/tamethebeast/}.

About bibliographies and Bib\TeX{}. \hspace{1cm} (texdoc tamethebeast).
### Biblatex Cheat Sheet


A tri-fold quick reference. ([texdoc biblatex-cheatsheet](https://ctan.org/pkg/biblatex-cheatsheet)).

### Math

#### User's Guide for the amsmath Package


How to use amsmath. Also see International languages for the Italian, Japanese, and Vietnamese translations. ([texdoc amsmath](https://ctan.org/pkg/amsmath)).

#### Short Math Guide for LATEX


A summary of features in LATEX and packages for writing math formulas. ([texdoc short-math-guide](https://ctan.org/pkg/short-math-guide)).

#### More Math Into LATEX


Updated edition.

#### Farbige Mathematik


Math in color. In German, but with easy-to-use examples. ([texdoc voss-mathcol](https://ctan.org/pkg/voss-mathcol)).

#### Typesetting Mathematics with LATEX


### Page headings

#### The fancyhdr and extramarks packages


Documents the fancyhdr and extramarks packages. Also includes an overview of the LATEX page mark system. ([texdoc fancyhdr](https://ctan.org/pkg/fancyhdr)).
Tables

Also see the \TeX\ FAQ Floats section: \url{https://www.texfaq.org/#floats}

Publication-quality tables in \LaTeX\n
Documents the `booktabs` package, and also includes thoughts on the design of tabular layouts in general. (\texttt{texdoc booktabs}).

Typesetting Tables with \LaTeX\n

Graphics

Also see the \TeX\ FAQ Graphics section: \url{https://www.texfaq.org/#graphics}

Visual PSTricks

A visual FAQ consisting of a small example for each effect. (\texttt{texdoc -l visualpstricks}).

Visual TikZ

A visual FAQ consisting of a small example for each effect. (\texttt{texdoc -l visualtikz}).

Using Imported Graphics in \LaTeX\ and pdf\LaTeX\n

The TikZ and PGF Packages

As well as documenting the packages, this manual also includes “General guidelines and principles concerning the creation of graphics for scientific presentations, papers, and books”. (\texttt{texdoc pgfmanual}).

PSTricks: Graphics and PostScript for \TeX\ and \LaTeX\n
Music

\LaTeX{} for Musicians


Packages and programs for music symbols, lyrics, chord sheets, sheet music, and guitar tablature. (texdoc latex4musicians).

Presentations

Beamer by Example


Graduated examples of the beamer package.

Examples from the book Presentations with \LaTeX{}

Herbert Voß. Examples from the book Presentations with \LaTeX{}. German. 2009. url: https://ctan.org/pkg/presentations.

Source for examples from the book.

Examples from the book Presentations with \LaTeX{}


Source for examples from the book.

Presentations with \LaTeX{}


Fonts

Also see the \TeX{} FAQ Fonts section: https://www.texfaq.org/#fonts

The \LaTeX{} Font Catalogue

Palle Jørgensen. The \LaTeX{} Font Catalogue. url: https://www.tug.org/FontCatalogue/.

A detailed list of fonts for \LaTeX{}, each with samples and setup information.

\LaTeX{} font encodings


About T1 encoding, OT1, etc. (texdoc encguide).
Essential NFSS2, version 2


A user’s view of the New Font Selection Scheme, version 2.

Using TrueType fonts with \LaTeX{} (\LaTeX{}2ε) and \pdfTeX{} (\pdfLaTeX{})

Damir Rakityansky. Using TrueType fonts with \TeX{} (\LaTeX{}) and \pdfTeX{} (\pdfLaTeX{}). url: http://www.radamir.com/tex/ttf-tex.htm.

Font selection in \LaTeX{}: The most frequently asked questions


Covers basic commands, default fonts, available font families, fonts for certain parts of the document.

\LaTeX{}2ε font selection

\LaTeX{} Project team. \LaTeX{}2ε font selection. 2020. 35 pp. url: https://ctan.org/pkg/fntguide.

Documentation of commands for selecting fonts, as well as those for defining the data-structures used by the selection commands. (texdoc fntguide).

Fonts and \TeX{}

\TeX{} User’s Group. Fonts and \TeX{}. url: http://tug.org/fonts/.

A collection of links related to \TeX{} and fonts.

Cyrillic languages support in \LaTeX{}

Vladimir Volovich, Werner Lemberg, and \LaTeX{} Project team. Cyrillic languages support in \LaTeX{}. 1999. 7 pp. url: https://ctan.org/pkg/cyrguide.

Installation, usage, encodings. (texdoc cyrguide).

FAQs, symbol references, cheat sheets

Visual PSTricks


A visual FAQ consisting of a small example for each effect. (texdoc -l visualpstricks).
**Visual TikZ**


A visual FAQ consisting of a small example for each effect. *(texdoc -l visualtikz).*

---

**LATEX 2ε Cheat Sheet**


A quick-reference guide for LATEX and BibTeX. Also in Brazilian Portuguese, German, Japanese, and Spanish. *(texdoc latexcheat).*

---

**Detexify**


Draw a symbol, and the website tells you which macros might make that symbol.

---

**TEX FAQ**

*TEX FAQ*. URL: https://texfaq.org/.

An online resource, which includes a detailed list of printed books.

---

**Online tutorials on LATEX**


An extensive tutorial covering many aspects of LATEX.

---

**LATEX Cheat Sheet**


A reference for LATEX with KOMA-Script. *(texdoc latex-refsheet).*

---

**The Comprehensive LATEX Symbol List**


More than 14,000 symbols and LATEX commands. *(texdoc comprehensive).*

---

**The Visual LATEX FAQ**


Click on a visual element to learn how it is programmed. *(texdoc visualFAQ).*
<table>
<thead>
<tr>
<th>Biblatex Cheat Sheet</th>
<th>Rees</th>
</tr>
</thead>
<tbody>
<tr>
<td>A tri-fold quick reference.</td>
<td>(texdoc biblatex-cheatsheet).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Every symbol (most symbols) defined by unicode-math</th>
<th>Robertson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unicode math symbols.</td>
<td>(texdoc unimath-symbols).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>\TeX{} font errors: Cheatsheet</th>
<th>Schlömer</th>
</tr>
</thead>
<tbody>
<tr>
<td>How \TeX{} integrates fonts, and related error messages.</td>
<td>(texdoc tex-font-errors-cheatsheet).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>shapecatcher</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>shapecatcher. URL: <a href="http://shapecatcher.com/">http://shapecatcher.com/</a>.</td>
<td></td>
</tr>
<tr>
<td>Draw a symbol, and the website tells you which Unicode symbols it might be.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>\TeX{} Resources on the Web</th>
<th>\TeX{} Users Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>\TeX{} Users Group. \TeX{} Resources on the Web. URL: <a href="http://tug.org/interest.html">http://tug.org/interest.html</a>.</td>
<td></td>
</tr>
<tr>
<td>A large collection of links to numerous resources.</td>
<td></td>
</tr>
</tbody>
</table>

**Source code**

The source code for \LaTeX{} itself is also included in the distribution.

<table>
<thead>
<tr>
<th>The \LaTeX{} 2\epsilon{} Sources</th>
<th>Braams et al.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Johannes Braams et al. The \LaTeX{} 2\epsilon{} Sources. 955 pp. URL: <a href="https://ctan.org/pkg/source2e">https://ctan.org/pkg/source2e</a>.</td>
<td></td>
</tr>
<tr>
<td>Occasionally useful for figuring out how something really works.</td>
<td>(texdoc source2e).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>List of internal \LaTeX{} 2\epsilon{} Macros useful to Package Authors</th>
<th>Scharrer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Martin Scharrer. List of internal \LaTeX{} 2\epsilon{} Macros useful to Package Authors. 14 pp. URL: <a href="https://ctan.org/pkg/macros2e">https://ctan.org/pkg/macros2e</a>.</td>
<td></td>
</tr>
<tr>
<td>A list of the core \LaTeX{} macros, each of which is linked to the source code.</td>
<td>(texdoc macros2e).</td>
</tr>
</tbody>
</table>

**International languages**
Multiple languages

The following are available in several languages. Also see CTAN’s topic for each language for additional translations of package and other documentation.

**Free Programming Books Foundation**


A variety of \TeX{}-related and other programming books and documents.

**\LaTeX{} 2\epsilon: An unofficial reference manual**


A thorough but concise reference manual for \LaTeX{} 2\epsilon, available in several languages. (texdoc -l latex2e-help).

**The Not So Short Introduction to \LaTeX{} 2\epsilon**


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

**Learn\LaTeX{}X.org**


Sixteen lessons with examples, in multiples languages.

**Brazilian Portuguese**

**Guia Rápido \LaTeX{} 2\epsilon**


A quick-reference guide for \LaTeX{} and Bib\LaTeX{}.

**\LaTeX{} 2\epsilon Via Exemplos**


A study course.
**Bulgarian**

The Not So Short Introduction to \LaTeX\ 2ε

Tobias Oetiker. *The Not So Short Introduction to \LaTeX\ 2ε*. Bulgarian, Chinese, Czech, Dutch, Estonian, Finnish, French, German, Italian, Japanese, Korean, Mongol, Persian, Polish, Portuguese, Russian, Slovenian, Spanish, Thai, Turkish, Ukranian, Vietnamese. 2015. 153 pp. URL: [https://ctan.org/pkg/lshort](https://ctan.org/pkg/lshort).

Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

**Catalan**

Learn\LaTeX.org

Joseph Wright et al. *Learn\LaTeX.org*. Catalan, German, English, French, Marathi, Portuguese, Vietnamese. 2021. URL: [https://www.learnlatex.org/](https://www.learnlatex.org/).

Sixteen lessons with examples, in multiples languages.

**Chinese**

(Also see the Chinese category of the package list: p. 31)

\TeX\ 必读帖


A tutorial and reference for \TeX, plain \TeX, and Eplain. (texdoc impatient-cn).

Asymptote 范例教程


A tutorial for asymptote in the form of a graphical FAQ. (texdoc asymptote-by-example-zh-cn).

CTEX FAQ (常见问题集)


FAQ from the Chinese \TeX Society. (texdoc ctex-faq).

一份简短的关于 \LaTeX 安装的介绍


Installing \LaTeX\ and compiling documents, using various operating systems. (texdoc install-latex-guide-zh-cn).
Asymptote 中的常见问题 (FAQ) — 译者


A translation of the Asymptote FAQ. (texdoc asymptote-faq-zh-cn).

LTEX Notes v 1.20 — Huang


An introduction to \TeX{} and \LaTeX{}, including the use of Chinese fonts. (texdoc latex-notes).

The Not So Short Introduction to \LaTeX{} $\varepsilon$ — Oetiker


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

Czech

The Not So Short Introduction to \LaTeX{} $\varepsilon$ — Oetiker


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

Dutch

The Not So Short Introduction to \LaTeX{} $\varepsilon$ — Oetiker


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

Estonian

The Not So Short Introduction to \LaTeX{} $\varepsilon$ — Oetiker


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).
Finnish

Käytännöllistä Latexia


A practical manual in Finnish (texdoc latexia).

The Not So Short Introduction to LaTeX 2ε


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

French

Also see Online communities.

TEX pour l'Impatient


Apprends LaTeX!


A full textbook written for École Nationale Supérieure de Techniques Avancées.

Initiation à LaTeX


A guide on LaTeX — for beginners or advanced users.

Visual PSTricks


A visual FAQ consisting of a small example for each effect. (texdoc -l visualpstricks).
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Edition</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Visual TikZ</strong></td>
<td>Jean Pierre Casteleyn</td>
<td>2018</td>
<td><a href="https://ctan.org/pkg/visualtikz">https://ctan.org/pkg/visualtikz</a></td>
</tr>
<tr>
<td>A visual FAQ consisting of a small example for each effect.</td>
<td></td>
<td></td>
<td>(texdoc -l visualtikz)</td>
</tr>
<tr>
<td><strong>French FAQ of the Gutenberg \TeX\ user group</strong></td>
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<tr>
<td><em>French FAQ of the Gutenberg \TeX\ user group.</em></td>
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<td></td>
<td><a href="https://ctan.org/pkg/faq-fr">https://ctan.org/pkg/faq-fr</a></td>
</tr>
<tr>
<td><strong>Rédaction avec \LaTeX</strong></td>
<td>Vincent Goulet</td>
<td>2020</td>
<td><a href="https://ctan.org/pkg/formation-latex-ul">https://ctan.org/pkg/formation-latex-ul</a></td>
</tr>
<tr>
<td>An introductory course prepared for Université Laval, Québec, Canada.</td>
<td></td>
<td></td>
<td>(texdoc formation-latex-ul), (texdoc formation-latex-ul-diapos)</td>
</tr>
<tr>
<td><strong>\LaTeX\ 2ε: An unofficial reference manual</strong></td>
<td>George D. Greenwade et al.</td>
<td>2015</td>
<td><a href="https://latexref.xyz">https://latexref.xyz</a></td>
</tr>
<tr>
<td>A thorough but concise reference manual for \LaTeX\ 2ε, available in several languages.</td>
<td></td>
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<td>(texdoc -l latex2e-help)</td>
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<tr>
<td>A book for beginners.</td>
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<tr>
<td><strong>The Not So Short Introduction to \LaTeX\ 2ε</strong></td>
<td>Tobias Oetiker</td>
<td>2015</td>
<td><a href="https://ctan.org/pkg/lshort">https://ctan.org/pkg/lshort</a></td>
</tr>
<tr>
<td>Covers introductory material, customizations, and a simple package.</td>
<td></td>
<td></td>
<td>(texdoc -l lshort)</td>
</tr>
<tr>
<td><strong>Utilisation de Graphiques Importés dans \LaTeX2</strong></td>
<td>Keith Reckdahl</td>
<td>2001</td>
<td><a href="https://ctan.org/pkg/fepslatex">https://ctan.org/pkg/fepslatex</a></td>
</tr>
<tr>
<td>How to import graphics in \LaTeX\ 2ε.</td>
<td></td>
<td></td>
<td>(texdoc fepslatex)</td>
</tr>
</tbody>
</table>
Xe\LaTeX— Appliqué Aux Sciences Humaines


Apprendre à programmer en \TeX


Basic programming of \TeX, with examples. (texdoc apprendre).

\TeXniques

\TeXniques. Groupe francophone des Utilisateurs de \TeX, \LaTeX et logiciels compagnons. French. URL: https://www.gutenberg.eu.org/\TeXniques.

A collection of resources.

Learn\LaTeX.org


Sixteen lessons with examples, in multiples languages.

\textit{German}

(Also see Users groups, and Online communities.)

\LaTeX2ε-Befehlsübersicht


A quick-reference guide for \LaTeX and Bib\LaTeX. (texdoc latexcheat-de).

The Not So Short Introduction to \LaTeX2ε


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

The DANTE \TeX Users Group Frequently Asked Questions

The DANTE \TeX Users Group Frequently Asked Questions. German. URL: https://ctan.org/pkg/faq-de.
**Farbige Mathematik**  

Math in color. In German, but with easy-to-use examples. (texdoc voss-mathcol).

**Anleitung**  

Using LaTeX, MikTeX, and TrueType fonts.

**LearnLaTeX.org**  

Sixteen lessons with examples, in multiple languages.

**Indian**

**A practical guide to \LaTeX\textsf{X} and polyglossia for Indian Languages**  
Rohit Dilip Holkar. *A practical guide to \LaTeX\textsf{X} and polyglossia for Indian Languages*. Marathi. 2017. 37 pp. URL: [https://ctan.org/pkg/latex-mr](https://ctan.org/pkg/latex-mr).

Discusses Marathi, but also relevant to other Indian languages. (texdoc latex-mr).

**Italian**

**Manuale utente per il pacchetto amsmath**  

Manual for amsmath. (texdoc amsldoc-it).

**The Not So Short Introduction to \LaTeX\textsf{2\v{E}}**  
Tobias Oetiker. *The Not So Short Introduction to \LaTeX\textsf{2\v{E}}*. Bulgarian, Chinese, Czech, Dutch, Estonian, Finnish, French, German, Italian, Japanese, Korean, Mongol, Persian, Polish, Portuguese, Russian, Slovenian, Spanish, Thai, Turkish, Ukrainian, Vietnamese. 2015. 153 pp. URL: [https://ctan.org/pkg/lshort](https://ctan.org/pkg/lshort).

Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

**Japanese**

(Also see the Japanese category of the package list: p. 31)
Programming \LaTeX — A survey of documentation and packages

### User's Guide for the amsmath Package


Manual for amsmath.

### \texttt{pLATEX} チートシート


A quick-reference guide for \LaTeX\ and \BibTeX\.

### Short Math Guide for \LaTeX


### The Not So Short Introduction to \LaTeX2ε


Covers introductory material, customizations, and a simple package. (texdoc \texttt{-l lshort}).

### \LaTeX2ε for authors

\LaTeX Project team. *\LaTeX2ε for authors*. Japanese. Trans. by Yukitoshi FUJIMURA. 2015. 34 pp. URL: [https://www.latex-project.org/help/documentation/usrguide_jpn.pdf](https://www.latex-project.org/help/documentation/usrguide_jpn.pdf).

An overview of the new features of \LaTeX\ 2ε compared to \LaTeX\ 2.09.

**Korean**

(Also see the Korean category of the package list: p. 31)

### The Not So Short Introduction to \LaTeX2ε


Covers introductory material, customizations, and a simple package. (texdoc \texttt{-l lshort}).
**Marathi**


Sixteen lessons with examples, in multiples languages.

**Mongol**


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

**Persian**


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

**Polish**


Covers introductory material, customizations, and a simple package. (texdoc -l lshort).

**Portuguese**


A tutorial as PDF slides. (texdoc cursolatex).

Covers introductory material, customizations, and a simple package. \((\text{texdoc\ -l\ lshort})\).

**Learn\LaTeX.org**  
Joseph Wright et al. *Learn\LaTeX.org*. Catalan, German, English, French, Marathi, Portuguese, Vietnamese. 2021. \url{https://www.learnlatex.org/}.

Sixteen lessons with examples, in multiples languages.

**Russian**

*Basic \LaTeX*  

A tutorial in Russian.

**Slovenian**

*The Not So Short Introduction to \LaTeX2ε*  

Covers introductory material, customizations, and a simple package. \((\text{texdoc\ -l\ lshort})\).

**Spanish**

*Cervan\TeX\ (Spanish TeX Group) FAQ*  
*Cervan\TeX\ (Spanish TeX Group) FAQ*. Spanish. \url{https://ctan.org/pkg/faq-es}.

\((\text{texdoc\ es-tex-faq})\).

**Acordeón para \LaTeX2ε**  

A quick-reference guide for \LaTeX\ and Bib\LaTeX. \((\text{texdoc\ latexcheat-esmx})\).
<table>
<thead>
<tr>
<th>Name</th>
<th>Language(s)</th>
<th>Author(s)</th>
<th>Edition</th>
<th>ISBN</th>
<th>URL</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Not So Short Introduction to LATEX 2ε</strong></td>
<td>Bulgarian, Chinese, Czech, Dutch, Estonian, Finnish, French, German, Italian, Japanese, Korean, Mongol, Persian, Polish, Portuguese, Russian, Slovenian, Spanish, Thai, Turkish, Ukranian, Vietnamese</td>
<td>Oetiker</td>
<td>153 pp.</td>
<td></td>
<td><a href="https://ctan.org/pkg/lshort">https://ctan.org/pkg/lshort</a></td>
<td>Covers introductory material, customizations, and a simple package. (texdoc -l lshort).</td>
</tr>
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<td><strong>LearnLATEX.org</strong></td>
<td>Catalan, German, English, French, Marathi, Portuguese, Vietnamese</td>
<td>Wright et al.</td>
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<td></td>
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<td><a href="https://ctan.org/pkg/lshort">https://ctan.org/pkg/lshort</a></td>
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</tr>
<tr>
<td><strong>Ukranian</strong></td>
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<td>Oetiker</td>
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<td></td>
<td><a href="https://ctan.org/pkg/lshort">https://ctan.org/pkg/lshort</a></td>
<td>Covers introductory material, customizations, and a simple package. (texdoc -l lshort).</td>
</tr>
</tbody>
</table>
Covers introductory material, customizations, and a simple package. \hspace{1cm} (\texttt{texdoc -l lshort}).

\section*{Vietnamese}

\textit{Hướng dẫn sử dụng gói amsmath} \hspace{1cm} American Mathematical Society et al.


Manual for \texttt{amsmath}. \hspace{1cm} (\texttt{texdoc amsldoc-vn}).

\section*{The Not So Short Introduction to \LaTeX{} 2ε}

Tobias Oetiker. \textit{The Not So Short Introduction to \LaTeX{} 2ε}. Bulgarian, Chinese, Czech, Dutch, Estonian, Finnish, French, German, Italian, Japanese, Korean, Mongol, Persian, Polish, Portuguese, Russian, Slovenian, Spanish, Thai, Turkish, Ukranian, Vietnamese. 2015. 153 pp. \url{https://ctan.org/pkg/lshort}.

Covers introductory material, customizations, and a simple package. \hspace{1cm} (\texttt{texdoc -l lshort}).

\section*{Learn\LaTeX{}.org}

Joseph Wright et al. \texttt{Learn\LaTeX{}.org}. Catalan, German, English, French, Marathi, Portuguese, Vietnamese. 2021. \url{https://www.learnlatex.org/}.

Sixteen lessons with examples, in multiples languages.

\section*{Journals}

\textbf{The Prac\TeX{} Journal} \hspace{1cm} \TeX{} Users Group

\TeX{} Users Group. \textit{The Prac\TeX{} Journal}. \url{http://tug.org/pracjourn/}.

The online journal of the \TeX{} Users Group. Twenty issues, from 2005–2012.

\textbf{TUGBoat} \hspace{1cm} \TeX{} Users Group

\TeX{} Users Group. \textit{TUGBoat}. \url{http://tug.org/TUGboat/}.

The Communications of the \TeX{} Users Group. Published since 1980. Articles covering every aspect of \TeX{}.

\section*{Interviews}

\textbf{TUG Interview Corner} \hspace{1cm} \TeX{} Users Group

\TeX{} Users Group. \textit{TUG Interview Corner}. \url{http://tug.org/interviews/}.

A large collection of interviews and articles about people related to \TeX{}. Includes links to more than 250 lectures and other recordings by Donald Knuth, and various historical information.

\section*{Typesetting examples}

\begin{itemize}
  \item A large collection of examples: \url{https://texample.net/}
\end{itemize}
• A collection of small examples: http://tug.org/texshowcase/
• Excerpts from many books: https://ctan.org/topic/book-ex
• Entire books: http://www.tsengbooks.com/
• Discussion: https://tex.stackexchange.com/questions/1319/showcase-of-beautiful-typography-done-in-tex-friends
• Discussion: https://tex.stackexchange.com/questions/281415/showcase-of-beautiful-invitations-in-tex

**General typesetting theory**

Discussion about general typesetting theory, presented by various \TeX-related authors.
For a list of non-\TeX-specific books, see https://www.texfaq.org/FAQ-type-books.

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**Package canoniclayout**


Documentation for the canoniclayout package. Also includes ideas regarding text-block proportions. ([texdoc canoniclayout](https://ctan.org/pkg/canoniclayout)).

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**Publication-quality tables in \LaTeX**


Documents the booktabs package, and also includes thoughts on the design of tabular layouts in general. ([texdoc booktabs](https://ctan.org/pkg/booktabs)).

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**KOMA-Script — The Guide**


Documentation for the KOMA-Script package. Also includes discussion about the page layout of a book. ([texdoc typearea](https://ctan.org/pkg/typearea)).

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**The Octavo Package**


Design principles and guidelines emulating books from the Renaissance. ([texdoc octavo](https://ctan.org/pkg/octavo)).

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**The TikZ and PGF Packages**


As well as documenting the packages, this manual also includes “General guidelines and principles concerning the creation of graphics for scientific presentations, papers, and books”. ([texdoc pgfmanual](https://ctan.org/pkg/pgfmanual)).
A TUFTE-STYLE BOOK


Documentation for the Tufte-LaTeX document classes. Also includes layout ideas from the books of Edward R. Tufte.

A FEW NOTES ON BOOK DESIGN

Wilson


More than 100 pages of discussion about book design and typography.

ACCESSING EMBEDDED INFORMATION

texdoc and mthelp

A large amount of documentation is included in a TeX distribution. For TeXLive distributions, package documentation can be accessed with the `texdoc` program. Enter “texdoc -l <name>” to search for matching package, file, or program names. In some cases the same document is available in both letter or A4 paper sizes, or in several languages. `texdoc` is also available online, with popular packages sorted by category. (http://www.texdoc.net/)

For MiKTeX, the `mthelp` program accesses package documentation. Enter “mthelp <name>”.

kpsewhich

The program `kpsewhich` may be used to find out where a file is located. `kpsewhich` `filename` searches for and returns the path to the given filename.

`kpsewhich` can also return directories, such as:

```
kpsewhich -var-value TEXMFROOT
kpsewhich -var-value TEXMFDIST
kpsewhich -var-value TEXMFLOCAL
```

Some package authors choose not to include the source code in the package documentation. To view the source code:

1. To locate and read a package's .sty file:

   `kpsewhich package.sty`

   Usually these files have their comments removed, so it is better to use the .dtx file instead.

2. The .dtx file is usually available, and will have the package's source code.

   `kpsewhich package.dtx`

   If it is not installed on your local system, it will be necessary to download the .dtx file from CTAN (see the next section).

   The comments are not yet typeset and so will not be as easily read.

3. To typeset the documentation with the source code, copy the .dtx file and any associated image files somewhere local and then look for `\OnlyDescription` in the source. This command tells the `ltxdoc` package not to print the source code.
4. Remove \OnlyDescription, then process the .dtx file with
   \texttt{pdflatex package.dtx}
   Barring unusual circumstances, this will create a new documentation .pdf file with the package
   source code included.

**Obtaining packages — Comprehensive \TeX\ Archive Network (CTAN)**

\TeX\ Live installations use the \texttt{tlmgr} program to obtain packages. \MiKTeX\ installations automatically
install packages as needed. Where \TeX\ is installed by an operating-system package manager, that
manager should be used to install additional packages.

For custom installations, it may be necessary to manually install packages downloaded from the
Comprehensive \TeX\ Archive Network (CTAN), which provides a master collection of packages. A search
function is available, which is useful when you know the name of a package or its author, and a list of
topics is also provided. There are so many topics, however, that finding the right topic can be a problem
in itself. One useful method to find what you are looking for is to search for a related package you may
already know about, then look at its description on CTAN to see what topics are shown for it. Selecting
these topics then shows you related packages. \texttt{(https://ctan.org/)}

**Useful classes, packages, and programs**

Use \texttt{texdoc} or \texttt{mthelp} to access information about each of the following.

**General-use packages and classes**

\begin{itemize}
  \item \textbf{Classes:} \texttt{memoir}, \texttt{koma-script}
  \item \textbf{Page layout and headings:} \texttt{fancyhdr}, \texttt{geometry}, \texttt{microtype}, \texttt{nowidow}, \texttt{titleps}
  \item \textbf{Fonts:} \texttt{font-change-xetex}, \texttt{fontspec}, \texttt{mathspec}, \texttt{unicode-math}
  \item \textbf{Sectioning:} \texttt{epigraph}, \texttt{fncychap}, \texttt{quotchap}, \texttt{sectionbreak}, \texttt{sectsty}, \texttt{titlesec}, \texttt{tocvsec2}
  \item \textbf{Table of contents:} \texttt{etoc}, \texttt{minitoc}, \texttt{multitoc}, \texttt{shorttoc}, \texttt{titleps}, \texttt{tocbibind}, \texttt{tocdata}, \texttt{tocloft}, \texttt{tocvsec2}
  \item \textbf{Title page:} \texttt{authblk}, \texttt{titling}
  \item \textbf{Front and back matter:} \texttt{abstract}, \texttt{appendix}
  \item \textbf{Indexing:} \texttt{makeindex}, \texttt{xindy}, \texttt{xindex}, \texttt{gindex}, \texttt{hvindex}, \texttt{idxlayout}, \texttt{imakeidx}, \texttt{index}, \texttt{makeidx}, \texttt{splitidx}, \texttt{varindex}, \texttt{xindex}
  \item \textbf{Glossary:} \texttt{glossaries}, \texttt{nomenc}
  \item \textbf{Bibliography:} \texttt{bibtex}, \texttt{biblatex}, \texttt{custom-bib}
  \item \textbf{Cross-referencing:} \texttt{cleveref}, \texttt{hyperref}, \texttt{url}, \texttt{xr-hyper}, \texttt{xurl}, \texttt{zref}
  \item \textbf{Foot notes, margin notes, page notes:} \texttt{bigfoot}, \texttt{endheads}, \texttt{endnotes}, \texttt{footmisc}, \texttt{manyfoot}, \texttt{marginfit}, \texttt{marginfix}, \texttt{margintot}, \texttt{pagename}, \texttt{parnotes}, \texttt{sidename}
  \item \textbf{Math:} \texttt{amsmath}, \texttt{amssymb}, \texttt{breqn}, \texttt{mathtools}, \texttt{nicefrac}, \texttt{niceunits}, \texttt{nicematrix}, \texttt{scalerel}, \texttt{stackrel}
  \item \textbf{Theorems:} \texttt{amsthm}, \texttt{apxproof}, \texttt{ntheorem}, \texttt{shadethm}, \texttt{theorema}, \texttt{thmbox}, \texttt{thmtools}
  \item \textbf{Units and fractions:} \texttt{nicefrac}, \texttt{siunitx}, \texttt{xfra}
  \item \textbf{Floats:} \texttt{caption}, \texttt{dblfloatfix}, \texttt{endfloat}, \texttt{fewerfloatpages}, \texttt{float}, \texttt{floatrow}, \texttt{hypcap},
\end{itemize}
keyfloat, newfloat, placeins, rotfloat, stfloats, subcaption, subfig, subfloat, wrapfig

Tabular:
array, booktabs, colortbl, longtable, ltxtable, multirow, supertabular, tabularx, tabulary, threeparttable, threeparttablex, widetable, xltabular, xtab

Graphics:
asymptote, curves, fitbox, graphicx, pict2e, pstricks, tikz, xy

Color:
normalcolor, xcolor

Lists:
enumerate, enumitem, paralist

Minipages:
eqparbox, minibox, pbox, shapepar

Quotations and verse:
csquotes, epigraph, quoting, verse

Verbatim:
fancyvrb, fextra, moreverb, shortvrb, upquote, verbatim

Frames:
boxedminipage2e, fancybox, fbox, framed, mdframed, niceframe, shadow, tcolorbox

Embellishments:
fancypar, fancytabs, fourier-orns, lettrine, pgfornament, pst-vectorian, sectionbreak

Multi-column:
adjmulticol, multicol, multicolrule, vwcol

Margins:
fullwidth, hanging, midpage

Line numbering:
lineno

Algorithms and listings:
algorithm2e, algorithmicx, listings, listingsutf8, minted

Acronyms:
acro, acronym

Direct formatting:
cancel, ellipsis, embrac, enparen, hyphenat, lips, lua-check-hyphen, luacolor, pdfcol, pdfcolmk, pdfrender, realscripts, relsize, seqsplit, soul, soulpos, soulutf8, stackengine, textfit, thinspace, trimclip, truncate, ulem, umoline, underscore, uspace, xellipsis

Symbols:
academicicons, amssymb, bbding, chemgreek, dingbat, euro, eurosym, fontawesome, fontawesome5, fourier-orns, gensymb, latexsym, marvosym, metalogo, metalogox, pifont, textalph, textcomp, textgreek, typicons, xunicode

Files:
attachfile, attachfile2, hyperxmp, intopdf, pdfpages, pdfx, xmpincl

Admonitions:
awesomebox, notes

Editorial:
changebar, changelog, changes, easy-todo, easyReview, ed, errata, fixme, fixmetodonotes, pdfcomment, pdfmarginpar, todo, todonotes, tram, xchangebar

Accessibility:
accessibility, accsupp, axessibility, pdfcomment, repltext, tagpdf

Presentations:
beamer, powerdot

Multi-langauge:
babel, beamer-rl, bidi, polyglossia

Chinese / Japanese / Korean (CJK):
cjkpunct, xecJK

Chinese:
ctex, upzhkinsoku, xpinyin, zhlineskip, zhspacing

Japanese:
bxjscls, luatexja, platex, plautopatch, tascmac, uplatex, xjatype

Korean:
kotex, latextex, xetexko.

Debug:
chkfloat, cmdtrack, dprogress, inputtrc, lua-visual-debug, refcheck
Automatic compiling
The programs arara and latexmk automatically recompile as necessary to resolve all dependencies.

Converting to HTML and other document formats
Using \TeX{} to generate the HTML:
The \texttt{lwrarp} package and the \texttt{tex4ht} program each use native \LaTeX{} to interpret the document and generate HTML. More of \LaTeX{} is supported compared to the translators listed below.

\texttt{lwrarp} package:
Supports hundreds of packages. Generates HTML, and provides indirect assistance for EPUB conversion and copy/paste into a word-processor. \url{https://ctan.org/pkg/lwarp}

\texttt{tex4ht} program:
Generates HTML, EPUB, ODT, and Docbook. \url{http://tug.org/tex4ht/}

Translators:
These systems use external programs to translate a subset of \LaTeX{} syntax into HTML. Search for each on CTAN (\url{http://ctan.org}).

\texttt{H^{E}v^{E}}:
\url{http://hevea.inria.fr/}

\texttt{T_{T}H}:
\url{http://hutchinson.belmont.ma.us/tth/}

GELLMU:
\url{http://www.albany.edu/~hammond/gellmu/}

\texttt{LaTeXML}:
\url{http://dlmf.nist.gov/LaTeXML/}

PlasTeX:
\url{https://github.com/tiarno/plastex}

\texttt{LaTeX2HTML}:
\url{http://www.latex2html.org/} and \url{http://ctan.org/pkg/latex2html}

\texttt{T\texttt{X}2page}:
\url{http://ds26gte.github.io/tex2page/index.html}

\LaTeX{} math to HTML:
GladTeX takes a \LaTeX{} math expression and generates the corresponding HTML.

GladTeX:
\url{http://humenda.github.io/GladTeX/}

Programming \LaTeX{}
A number of packages are especially useful for \LaTeX{} programmers: \texttt{(texdoc \textless \text{packagename}\textgreater )}

\texttt{\textregistered xifthen}:
Conditionals.

\texttt{etoolbox}:
A wide range of programming tools, often avoiding the need to resort to low-level \TeX{}.

\texttt{etextools}:
Adds to etoolbox. Strings, lists, and more.

\texttt{xparse}:
Define macros and environments with flexible argument types.

\texttt{environ}:
Process environment contents.

\texttt{arrayjobx, fifo-stack, forarray, forloop, xfor}:
Programming arrays, stacks, and loops.

\texttt{iftex}:
Detect \TeX{} engine.
ifplatform: Detect operating system.

xstring: String manipulation.

keyval, xkeyval, kvsetkeys: Key/value arguments.

pgfkeys, pgfkeyx: Another form of key/value arguments.

kvoptions: Key/value package options.

expl3: \LaTeX3 programming.

l3keys, l3keys2e: Key/value for \LaTeX3.

chktex: Locates typographic errors.

ctan topic macro-supp: An entire topic of useful programming macros.

Creating and documenting new packages

Documentation for those interested in creating their own package or class:

Rolling your own Document Class: Using \LaTeX{} to keep away from the Dark Side


An overview of the article class.

How to develop your own document class — our experience


A comparison of developing class vs. package files.

The doc and shortvrb packages

Frank Mittelbach. \textit{The doc and shortvrb packages}. 64 pp. \url{https://ctan.org/pkg/doc}.

Packages for documenting packages. (\texttt{texdoc doc}).

The DocStrip program


The program which processes .dtx and .ins files to generate documentation and .sty files. (\texttt{texdoc docstrip}).

Good things come in little packages: An introduction to writing .ins and .dtx files


How and why to create your own .dtx and .ins files.

How to Package Your \LaTeX{} Package

Scott Pakin. \textit{How to Package Your \LaTeX{} Package}. 36 pp. \url{https://ctan.org/pkg/dtxtut}. 

A tutorial. (texdoc dtxtut).

\LaTeX \TeX 2ε for class and package writers \LaTeX Project team

\LaTeX Project team. \LaTeX 2ε for class and package writers. 33 pp. url: https://ctan.org/pkg/clsguide.

Programming a package or class. (texdoc clsguide).

Wikibooks

Wikibooks. \LaTeX. 2017. url: https://en.wikibooks.org/wiki/LaTeX.

An online book, includes information about creating \LaTeX packages and classes.

Users groups

\TeX Users Group: http://tug.org

Lists of international users groups:

- http://tug.org/usergroups.html
- https://ctan.org/lugs
- http://www.ntg.nl/lug/

Online communities

English forums:

\TeX — \LaTeX Stack Exchange: Almost any question has already been asked, and a quick web search will find answers, ranked by vote. http://tex.stackexchange.com

\LaTeX Community: A traditional forum with quick replies to your questions http://www.latex-community.org

TopAnswers \TeX: Large collection of questions and answers. https://topanswers.xyz/tex

German forums:

TeXwelt: http://texwelt.de/wissen/

goLaTeX: http://golatex.de

French forums:


Mailing lists: Several dozen, spanning a wide range of \TeX-related topics. http://tug.org/mailman/listinfo

Newsgroup: comp.text.tex

Online editing and collaboration

Overleaf: Collaborative editing of \LaTeX documents online. https://www.overleaf.com/
Distributions — LaTeX for various operating systems

TeXLive: http://tug.org/texlive  
Unix and Windows

MiKTeX: https://miktex.org  
Windows and Mac

proTeXt: http://tug.org/protext/  
Windows

MacTeX: http://tug.org/mactex/  
Mac

BasicTeX: https://www.tug.org/mactex/morepackages.html  
Mac (simplified)

Change log
2017/03/06: Initial version.

2017/10/04: Added users groups, mailing lists, distributions, LuaTEX, XeLaTEX, chktex. Organization and formatting improvements.

2017/10/14: More information about accessing embedded documentation.

2018/01/18: Added texdoc.net.


2018/04/01: Added TeXnique.fr.

2018/06/28: Added sections for non-English documents and general typesetting theory. Updated host and name for TeX FAQ. Added latex-via-exemplos and Ebook Foundation free programming books.


2020/12/14: Improved bibliography. Added categories for math and music; startlatex2e; items written in French, German, Indian, Italian, Japanese, Portuguese, Vietnamese; Dante users group.

2021/01/02: Now uses biblatex. Added mthelp, many international documents, and categories for FAQs and cheat sheets, graphics, tables, and fonts. Added lists of packages by category. Added Overleaf.

2021/01/09: Added several resources from TUG including journals and interviews, and more for the list of packages.

2021/12/30: Added usrguide3, learnlatex.org, latex3-tutorial, many international resources.

2024/01/06: Updated The TeX Companion, 3rd Edition. Replaced Morris’s Getting Started with \LaTeX2ε with Yet Another Guide to \LaTeX 2ε. Added \LaTeX for Undergraduates, \TeX in a Nutshell, TopAnswers TeX, Basic TeX.