Ꞃ principio erat verbũ: ⁊ verbũ erat apud deũ: et de⁹ erat verbũ. Hoc erat in principio apud deũ. Oĩia p iṕm facta ſunt: ⁊ ſine iṕo factum eſt nichil. Quod factũ eſt in iṕo vita erat: ⁊ vita erat luꝛ hominũ: et luꝛ in tenebris lu‑ cet· ⁊ tenebre eã nõ compĥenderũt. Fu‑

Typographic reconstruction of Gutenberg's 42–line bible of 1452–55, using modern Fraktur and decorative initial designed in METAFONT by Yannis Haralambous. The ability to control special characters like the insular (Tironian) ampersand (⁊) and unusual features like hanging punctuation makes LaTeX particularly well suited for typesetting critical and teaching editions.
(Beginning of St. John's Gospel.)

LaTeX

Sophisticated professional typesetting for business and academic publishing

The ideal solution for your document formatting and database or XML publishing requirements

Where to get LaTeX

- ❑ The TeX Users Group (TUG) distributes a free copy of the TeX Collection DVD to all members annually, with complete installations for all major platforms and a copy of the entire CTAN archive.
  Many local and national user groups also participate: check with your nearest group (see TUG Web site for addresses).
- ❑ You can buy a copy with business support from any of the vendors listed below.
- ❑ All the public-domain and open-source implementations are freely available for download from CTAN (below), including the DVD ISO image of the TeX Collection.

The TeX Users Group (TUG)

TUG membership is $85 a year (individual), $55 (students, new graduates, seniors, and citizens of countries with modest economies), $100 (non-voting, eg libraries), or $500 (institutional, up to eight named memberships). See `http://www.tug.org/forms` for details of 'early-bird' rates and other charges. Membership includes the triannual journal *TUGboat* and discounts on conference fees:

	TUG	EuroTeX/ConTeXt and others
2013	Tokyo, Japan	[tba]
2012	Boston, MA	Breskens, Netherlands
2011	Kerala, India	Bassenge, Belgium & Bachotek, Poland
2010	San Francisco, CA	Brejlov, Czech Republic
2009	South Bend, IN	Pisa, Italy
2008	Cork, Ireland	Bohinj, Slovenia & Pisa, Italy

CTAN — the Comprehensive TeX Archive Network

CTAN is an Internet archive of all free TeX and LaTeX software, packages, and documentation. There are searchable indexes and catalogues at `http://www.ctan.org`, `http://www.tex.ac.uk/`, and `http://www.dante.de`.

Online and other support

Network-based support is freely available on the `comp.text.tex` Usenet newsgroup, the `latexusersgroup@gmail.com` mailing list and the `tex.stackexchange.com` web forum. There are many others, including the TeX FAQ, listed at `www.tug.org/interest.html`.

Vendors with business support

Andrew Trevorrow	*OzTeX*	Mac	`http://www.trevorrow.com/oztex/`
MacKichan Software	*Scientific Word*	Win	`http://www.mackichan.com`
MicroPress, Inc	*Visual TeX*	Win	`http://www.micropress-inc.com`
PCTeX, Inc	*PCTeX*	Win	`http://www.pctex.com`
Tom Kiffe	*CMacTeX*	Mac	`http://www.kiffe.com`
TrueTeX, Inc	*TrueTeX*	Win	`http://truetex.com`

Technical Requirements

Operating systems

LaTeX runs on all current computing platforms. The most common implementations are:

System	Implementation
Microsoft Windows	*Free*: **TeX Live**, ProTeXt (MikTeX) *Commercial*: see vendor list
Unix and GNU/Linux	*Free*: **TeX Live**
Apple Macintosh OS X	*Free*: **MacTeX** (TeX Live) *Shareware*: OZTeX, CMacTeX
Android	TeX for Android in the Google Play store TeX Live for Android at Google Code
All others	*Contact the TeX Users Group*

Hardware

- ❑ LaTeX will run even on old machines, but a 500MHz processor or above is recommended.
- ❑ You should have at least 512Mb of memory, more if you aim to do very complex work or use very long documents.
- ❑ You need about 500Mb of hard disk space depending on the options you choose (minimal install is about 250Mb; full is about 1.2Gb).
- ❑ The finer your screen and printer resolution, the better quality you will be able to see and print. A fast inkjet printer or a laser printer is recommended if you need printed output.

Software for editing and reading documents

- ❑ You need a good text editor for creating and maintaining documents: there is a selection included on the TeX Collection DVD.
- ❑ You also need a PDF reader to view your typeset output (included on the TeX Collection DVD), eg *GhostScript/GSview*, *Okular*, Adobe *Acrobat Reader*, etc.
- ❑ You may need a graphics editor (eg *GIMP*) if you want to create or modify images (see *Figures*); and a vector editor (eg *InkScape*) if you use diagrams.

The ultimate in portable typesetting: LaTeX runs on any computer and produces timely, accurate output in publication quality on your desktop printer or business typesetter.

LaTeX is completely free, and has been the tried and tested solution for over 25 years.

LaTeX is in use by leading publishers, documentation specialists, and technical and academic users worldwide.

What they say about LaTeX

I was getting increasingly exasperated with the limitations presented by wordprocessing programs when LaTeX came into my life and allowed me to do all those things I previously could only dream of, from unusual symbols to complicated layout. I strongly recommend it to anybody interested in producing a professional-looking document! *Petra Hellmuth, Language Specialist*

I use pdfLaTeX and METAFONT not only because I need them to create my presentations, lecture notes and papers but also because it's fun! Entering a math equation in Powerpoint is a pain in the neck: with pdfLaTeX and METAPOST it is a lot easier because you can change the style of what is to be displayed. I have a lecture class from which I generate a lecture presentation *and* lecture notes all from the same source: I can add text which appears in one or both of the documents. *Marc van Dongen, Computer Scientist*
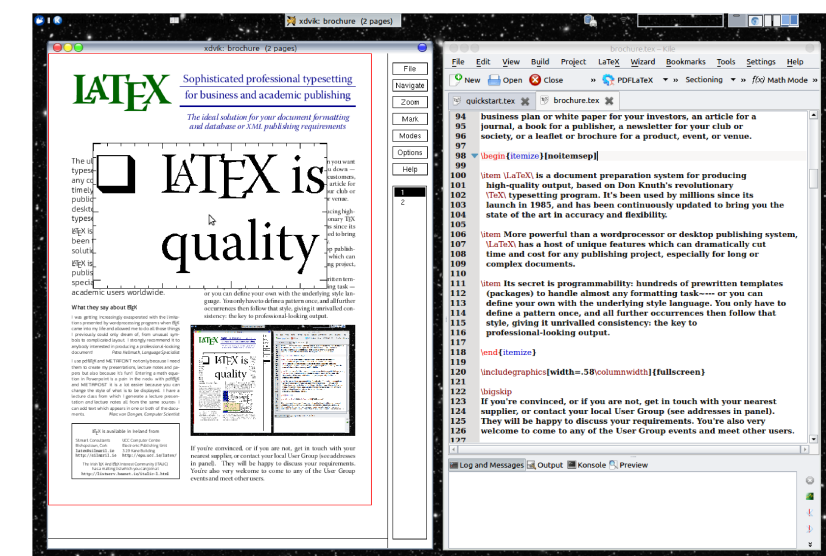
IF you need to produce a document for publication you want robust, professional software which won't let you down — whether it's an annual report, a manual for your customers, a business plan or white paper for your investors, an article for a journal, a book for a publisher, a newsletter for your club or society, or a leaflet or brochure for a product, event, or venue.

- ❑ LaTeX is a document preparation system for producing high-quality output, based on Don Knuth's revolutionary TeX typesetting program. It's been used by millions since its launch in 1985, and has been continuously updated to bring you the state of the art in accuracy and flexibility.
- ❑ More powerful than a wordprocessor or desktop publishing system, LaTeX has a host of unique features which can dramatically cut time and cost for any publishing project, especially for long or complex documents.
- ❑ Its secret is programmability: hundreds of prewritten templates (packages) to handle almost any formatting task — or you can define your own with the underlying style language. You only have to define a pattern once, and all further occurrences then follow that style, giving it unrivalled consistency: the key to professional-looking output.

If you're convinced, or if you are not, get in touch with your nearest supplier, or contact your local User Group (see addresses in panel). They will be happy to discuss your requirements. You're also very welcome to come to any of the User Group events and meet other users.