

C/WEB programs in T_EX Live

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Introduction

Welcome to “All Things WEB” in T_EX Live.

Here you find the documented source code of all major WEB and CWEB programs in readable format. The NAMED entries represent the unmodified base sources as written by their respective authors, the attached `chg` links point to only the changed sections (or modules) as applied for release in the T_EX Live distribution, so you may want to study these pairs together. Care has been taken to keep the section numbering intact.

Although not all programs presented here are written or maintained by Donald Knuth, it is more convenient for everything to be collected in one place for reading and searching. And they all stem from the system that Knuth created.

Note that all WEB programs are mogrified from Pascal code to C code before compilation, so further modifications and amendments will occur for the real thing, i.e., the production of the executable WEB programs. (The CWEB programs do not require these extra modifications, they get linked directly to the external runtime environment.)

If you believe to have found anything that remains technically, historically, typographically, or politically incorrect in any of these files, please feel free to [report bugs in T_EX and friends](#) or [contact the maintainer of this collection](#) directly.

Canonical Knuthian WEB programs

- `etc/` [[VFtoVP+chg](#) | [VPtoVF+chg](#)]
- `mf/` [[Metafont+chg](#) | [TRAPMAN](#)]
- `mfware/` [[GFtype+chg](#) | [GFtoPK+chg](#) | [GFtoDVI+chg](#) | [MFT+chg](#)]
- `tex/` [[GLUE](#) | [TeX+chg](#) | [TRIPMAN](#)]
- `texware/` [[POOLtype+chg](#) | [TFtoPL+chg](#) | [PLtoTF+chg](#) | [DVIttype+chg](#)]
- `web/` [[WEBMAN+chg](#)¹ | [WEAVE+chg](#) | [TANGLE+chg](#) | [TWILL](#)²]

¹The changed variant of the WEB manual contains additional material specific to the T_EX Live distribution.

²TWILL is presented here as a changed variant of WEAVE.

Complementary WEB programs by other authors

- other/ [[DVICopy+chg](#) | [PatGen+chg](#) | [PKtoGF+chg](#) | [PKtype+chg](#)]
- bibtex/ [[BibTeX+chg](#)]
- pdftex/ [[pdfTeX+chg](#)]
- xetex/ [[XeTeX+chg](#)]

CWEB programs by Knuth *et al.*

- cweb/ [[CWEBMAN](#) | [COMMON+chg](#) | [CTANGLE+chg](#) | [CWEAVE+chg](#) | [CTWILL](#)³ | [REFSORT+chg](#) | [TWINX+chg](#)]
- ctie/ [[CTIE+chg](#)]
- tie/ [[TIE+chg](#)]
- hitex/ [[HiTeX](#)⁴]
- mp/ [[MP](#) | [MPOST](#)]⁵

Errata for “Computers & Typesetting” by Donald E. Knuth

- errata/
 - [The Errors of T_EX](#)
 - [The T_EXbook, 1st printing](#)
 - [The T_EXbook, 2nd printing](#)
 - [Computers & Typesetting, 15 June 1987](#)
 - [Computers & Typesetting, 20 February 1989](#)
 - [Computers & Typesetting, 30 September 1989](#)
 - [Computers & Typesetting, 31 December 1990](#)
 - [Computers & Typesetting, 15 March 1992](#)
 - [Computers & Typesetting, pre-Millennium ed.](#)
 - [The T_EXbook, September 1996](#)
 - [Computers & Typesetting, 1st Millennium ed.](#)
 - [Computers & Typesetting, 2nd Millennium ed.](#)
 - [Computers & Typesetting, early 2014](#)
 - [Computers & Typesetting, 31 January 2021](#)

Happy C/WEB Programming!

³CTWILL is presented here in its own format with “mini-indexes” for every two consecutive pages.

⁴HiTeX has received quite a few changes “behind the scenes” in order to present it in this collection; see project [web](#) for details.

⁵MP and MPOST have received quite a few changes “behind the scenes” in order to present them in this collection; see project [mplibdir](#) for details.