

## Hyphenation Exception Log

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This is the periodic update of the list of words that  $\TeX$  fails to hyphenate properly. The full list last appeared in *TUGboat* 16:1, starting on page 12, with updates in *TUGboat* 22:1/2, pp. 31–32; 23:3/4, pp. 247–248; 26:1, pp. 5–6; and 29:2, p. 239.

In the list below, the first column gives results from  $\TeX$ 's `\showhyphens{...}`; entries in the second column are suitable for inclusion in a `\hyphenation{...}` list.

In most instances, inflected forms are not shown for nouns and verbs; note that all forms must be specified in a `\hyphenation{...}` list if they occur in your document. The full list of exceptions, as a  $\TeX$ -readable file, appears at <http://mirror.ctan.org/info/digests/tugboat/ushyphex.tex>. (It's created by Werner Lemberg's scripts, available in the subdirectory `hyphenex`.)

Like the full list, this update is in two parts: English words, and names and non-English words (including transliterations from Cyrillic and other non-Latin scripts) that occur in English texts.

Thanks to all who have submitted entries to the list. Here is a short reminder of the relevant idiosyncrasies of  $\TeX$ 's hyphenation. Hyphens will not be inserted before the number of letters specified by `\lefthyphenmin`, nor after the number of letters specified by `\righthyphenmin`. For U.S. English, `\lefthyphenmin=2` and `\righthyphenmin=3`; thus no word shorter than five letters will be hyphenated. (For the details, see *The  $\TeX$ book*, page 454.) This particular rule is violated in some of the words listed; however, if a word is hyphenated correctly by  $\TeX$  except for “missing” hyphens at the beginning or end, it has not been included here.

Some other permissible hyphens have been omitted for reasons of style or clarity. While this is at least partly a matter of personal taste, an author should think of the reader when deciding whether or not to permit just one more break-point in some obscure or confusing word. There really are times when a bit of rewriting is preferable.

One other warning: Some words can be more than one part of speech, depending on context, and have different hyphenations; for example, ‘analyses’ can be either a verb or a plural noun. If such a word appears in this list, hyphens are shown only for the portions of the word that would be hyphenated in the same way regardless of usage.

The reference used to check these hyphenations is *Webster's Third New International Dictionary*, Unabridged.

## Hyphenation for languages other than English

Patterns now exist for many languages other than English, including languages using accented alphabets. CTAN holds an extensive collection of patterns: see <http://mirror.ctan.org/language/hyphenation> and its subdirectories. A group of volunteers led by Mojca Miklavc and Arthur Reutenauer have created a comprehensive package of hyphenation patterns, called `hyph-utf8`; see <http://tug.org/tex-hyphen>.

### The List — English words

con-structible	con-structible
ep-stopdf	eps-to-pdf
er-gonomic	er-go-nom-ic
er-gonom-i-cally	er-go-nom-i-cally
ethy-lamine	eth-yl-am-ine
ethy-late	eth-yl-ate
ethynyl	ethy-nyl
ethyny-la-tion	ethy-nyl-a-tion
fron-tend	front-end
in-pu-tenc	input-enc
in-ter-vie-wee	in-ter-view-ee
leuko-cyte	leu-ko-cyte
metaform	meta-form
metham-phetamine	meth-am-phet-a-mine
methy-lam-mo-nium	meth-yl-am-mo-nium
methy-late	meth-yl-ate
methy-la-tion	meth-yl-a-tion
methy-lene	meth-yl-ene
minesweeper	mine-sweeper
nodelist	node-list
nonzero	non-zero
ono-matopoeia	ono-mat-o-poe-ia
ono-matopo-etic	ono-mat-o-po-et-ic
parametriza-tion	pa-ram-e-tri-za-tion
prokary-ote	pro-kary-ote
prokary-otic	pro-kary-ot-ic
prostyle	pro-style
provirus	pro-virus
showhy-phens	<code>\show-hy-phens</code>
tetra-buty-lam-mo-nium	tetra-butyl-ammo-nium
trans-parency(ies)	trans-par-en-cy(ies)

### Names and non-English words used in English text

Dorch-ester	Dor-ches-ter
Hoek-wa-ter	Hoek-water
Im-ageMag-ick	Image-Magick
JavaScript	Java-Script
Minkowski	Min-kow-ski
Pythago-ras	Py-thag-o-ras
Pythagorean	Py-thag-o-re-an
Schwei-d-nitz	Schweid-nitz
Shored-itch	Shore-ditch
Tolch-ester	Tol-ches-ter
Vidi-assov	Vid-ias-sov