

## Hyphenation exception log

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This is the periodic update of the list of words that  $\text{T}_{\text{E}}\text{X}$  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; 29:2, p. 239, and 31:3, p. 160.

In the list below, the first column gives results from plain  $\text{T}_{\text{E}}\text{X}$ 's `\showhyphens{...}`. The 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  $\text{T}_{\text{E}}\text{X}$ -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  $\text{T}_{\text{E}}\text{X}$ '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  $\text{T}_{\text{E}}\text{X}$ book*, page 454.) This particular rule is violated in some of the words listed; however, if a word is hyphenated correctly by  $\text{T}_{\text{E}}\text{X}$  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 U.S. English

Patterns now exist for many languages other than U.S. English, including languages using accented and non-Latin alphabets. CTAN holds an extensive collection of patterns: see [language/hyphenation](#) and its subdirectories.

A group of volunteers led by Mojca Miklavec and Manuel Pégourié-Gonnard have created a comprehensive package of hyphenation patterns, called `hyph-utf8`; see <http://tug.org/tex-hyphen>.

## The list — English words

acronym	acro-nym
anachro-nism(tic)	anach-ro-nism(-tic)
anal-y-sis	analy-sis
ap-pen-dices	ap-pen-di-ces
ap-pendix	ap-pen-dix
au-tore-gres-sion	auto-re-gres-sion
au-tore-gres-sive	auto-re-gres-sive
bedrag-gle	be-drag-gle
bedrock	bed-rock
bed-warf	be-dwarf
bib-li-o-graph-i-cal	bib-li-o-graph-i-cal
bi-bunits	bib-units
bioweapon(s,ry)	bio-weap-ons(-ry)
bungee	bun-gee
cochlea(s,r)	coch-leas(r)
code-signer	co-designer
con-geries	con-ge-ries
cosemisim-ple	co-semi-sim-ple
cy-bervirus(es)	cy-ber-virus(es)
cy-ber-weapon	cy-ber-wea-pon
dis-tributable	dis-trib-ut-able
dis-tribu-tive	dis-trib-u-tive
ecosys-tem	eco-sys-tem
economies	econ-o-mies
en-do-scopies	en-dos-copies
en-doscopy	en-dos-copy
eu-stachian	eu-sta-chian
flu-o-ro-scopies	fluor-os-copies
flu-o-roscopy	fluor-os-copy
geode-tic	ge-o-det-ic
grou-p-like	group-like
half-life(ves)	half-life(ves)
he-liopause	he-li-o-pause
he-liotrope	he-li-o-trope
holodeck	holo-deck
hound-steeth	hounds-teeth
hound-stooth	hounds-tooth
hy-per-e-las-tic-ity	hy-per-el-as-tic-ity
hy-poe-las-tic-ity	hy-po-el-as-tic-ity
illiq-uid(ity)	il-li-quid(-ity)
let-terspace(s,d)	let-ter-spaces(d)

liq-uid-ity	li-iquid-ity
looka-head	look-ahead
macroe-con-omy	macro-econ-omy
megafauna(1)	mega-fau-na(1)
metasta-bil-ity	meta-sta-bil-ity
metastable	meta-stable
meta-table	meta-table
meta-tables	meta-tables
method	meth-od
mi-croe-con-omy	micro-econ-omy
mi-croen-ter-prise	micro-en-ter-prise
mi-crostruc-ture	mi-cro-struc-ture
monospac-ing	mono-spacing
pager-ank	page-rank
plateau	pla-teau
purges	pur-ges
reed-u-cate	re-edu-cate
refugee	ref-u-gee
satel-lite	sat-el-lite
sha-pable	shap-able
sin-glespace(d)	single-space(d)
sin-glespac-ing	single-spacing
sl-nuni-code	sln-uni-code
spokesman	spokes-man
spokesper-son	spokes-per-son
sub-tables	sub-tables
su-perderiva-tion	super-deri-va-tion
surgery	sur-gery
surg-eries	sur-ge-ries
surges	sur-ges
takeover	take-over
topoi-so-merase	topo-iso-mer-ase
weapon(s,ry)	weapon-ons(-ry)

## Names and non-English words

Apol-lodorus	Apol-lo-dorus
Be-bchuk	Beb-chuk
Bur-ck-hardt	Burck-hardt
Chester	Ches-ter
Chi-ang	Chiang
Chich-ester	Chich-es-ter
Co-hen	Cohen
Dor-fleit-ner	Dorf-leit-ner
Drech-sler	Drechs-ler
Ei-jkhout	Eijk-hout
En-gle	Engle
En-gel	Engel
Gesellschaft	Ge-sell-schaft
Got-tlieb	Gott-lieb
Hu-ber	Huber
Jun-gian	Jung-ian
Key-ne-sian	Keynes-ian
Kro-necker	Kron-ecker
Lu-cas	Lucas
Mac-Beth	MacBeth
Mag-el-lan	Ma-gel-lan
Methodist	Meth-od-ist
Method-ism	Meth-od-ism
No-towidigdo	Noto-wi-digdo
Ob-st-feld	Obst-feld
Ore-opou-los	Oreo-pou-los
Raviku-mar	Ravi-kumar
Re-ich-lin	Reich-lin
Schim-melpfen-nig	Schim-mel-pfen-nig
Schw-ert	Schwert
Thiru-vanar-da-pu-ram	Thiruv-ananda-puram
Toy-ota	Toyo-ta
We-in-stein	Wein-stein
William(s)	Will-iam(s)
Wolf-fian	Wolff-ian

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### TUGboat editorial information

This regular issue (Vol. 33, No. 1) is the first issue of the 2012 volume year. No. 2 will contain papers from the TUG 2012 conference in Boston, Massachusetts, USA, and no. 3 will be a regular issue.

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Submissions to *TUGboat* are reviewed by volunteers and checked by the Editor before publication. However, the authors are still assumed to be the experts. Questions regarding content or accuracy should therefore be directed to the authors, with an information copy to the Editor.

### Submitting items for publication

The deadline for receipt of final papers for the next issue is July 30, and for the one after, October 1.

Suggestions and proposals for *TUGboat* articles are gratefully accepted. Please submit contributions by electronic mail to [TUGboat@tug.org](mailto:TUGboat@tug.org).

The *TUGboat* style files, for use with plain  $\text{\TeX}$

and  $\text{\LaTeX}$ , are available from CTAN and the *TUGboat* web site. We also accept submissions using Con $\text{\TeX}$ t. More information and tips for authors are at: <http://tug.org/TUGboat/location.html>

Effective with the 2005 volume year, submission of a new manuscript implies permission to publish the article, if accepted, on the *TUGboat* web site, as well as in print. Thus, the physical address you provide in the manuscript will also be available online. If you have any reservations about posting online, please notify the editors at the time of submission and we will be happy to make special arrangements.

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