

## selnolig-english-test

Appearance of f-ligatures	ff	fi	fl	ffi	ffl	ft	fj	fk	fr
Sample words with these ligatures	off	fit	fly	office	baffle	often	fjord	Kafka	from

Appearance of other ligatures	st	ct	sp	as	is, th, us [!]	at	et	sk	ll
Sample words with these ligatures	stay	act	spy	was	isthmus	cat	net	ask	ill

Options and other parameters:

Value of \righthyphenmin parameter 2

Extent of suppressing f-ligatures: basic or broadf? broadf

### Part 1: f-ligatures suppressed in any case

- ff to ff  
shelfful shelffuls bookshelfful selffulfilling
- fi to fi  
(None in basic set)
- fl to fl  
beeless briefless hoofless leafless roofless selfless turfless selflessly selflessness  
calflike dwarflike elflike gulflike hooflike leaflike rooflike serflike sheaflike shelflike surflike turflike waiflike wolflike  
half-life shelf-life half-lives shelf-lives  
half-line roofline half-lines rooflines  
leaflet leaflets leafleted leafletting leafletting leafletted leafleteer  
pdf<sup>l</sup>atex (even better: pdf<sup>l</sup>LaTeX or pdf<sup>l</sup>TeX...)
- ffi to ffi  
Pfaffian Woffian Wulffian
- ffl to ffl  
cuffless stuffless cufflessly stufflessness  
scofflaw scofflaws cufflink cufflinks  
offline  
offload offloads offloading offloaded  
rufflike clifflike
- ffi to ffi  
chaffinch chaffinches wolffish wolffishly
- ffl to ffl  
safflower

- ft to ft  
chieftain chieftaincy chieftaincies chieftainship chieftainships  
half-time half-tone half-times half-tones  
rooftop rooftops roof-tree roof-trees  
wolftrap calfttrap leaftrap off-track  
fifth fifths fifthly twelfth twelfths
- fr to fr (italic font shape only)  
proofread proofreader proofroom

### Part 2: Further f-ligatures suppressed if “broadf” option is set

- ff to ff  
(No extra cases in broadf set)
- fi to fi  
elfin  
chafing leafing loafing sheafing strafing vouchsafing  
beefing reefing briefing debriefing coifing fiving jackknifing  
knifing midwifing waifing wifing  
airproofing childproofing fireproofing flameproofing  
mothproofing rustproofing soundproofing waterproofing  
proofing weatherproofing proofing  
goofing hoofing reproofing roofing spoofing whoofing woofing  
begulging engulging ingulging gulging golfing rolting  
selving wolging barfing  
bedwarfing dwarfing enserfing kerfing scarfing snarfing  
surfing turfing wharfing windsurfing  
deafish dwarfish elfish oafish selfish serfish unselfish  
wolfish  
deafishly dwarfishly elfishly oafishly selfishly serfishly  
unselfishly wolfishly

deafishness dwarfishness elfishness oafishness selfishness  
 ness serfishness unselfishness wolfishness  
 beefier comfier goofier gulfier leafer surfier turfier  
 beefiest comfiest goofiest gulfiest leafiest surfiest turfiest

beefily goofily goofiness

- fl to fl

aloo<sup>fl</sup>fly briefly chiefly dea<sup>fl</sup>fly lie<sup>fl</sup>fly

- ffi to ffi

baffing biffing outbluffing bluffing boffing buffing  
 chaffing cheffing chuffing coffing coiffing handcuffing  
 uncuffing cuffing daffing doffing enfeoffing infeoffing  
 feoffing fluffing gaffing gruffing huffing luffing miffing  
 ing muffing offing piaffing puffing quaffing rebuffing  
 reffing restaffing restuffing ruffing crossruffing over-  
 ruffing underuffing ruffing sclaffing scoffing scuffing  
 shroffing sluffing snuffing snuffing spiffing overstaffing  
 ing understaffing staffing stiffing overstuffing stuffing  
 tariffing tiffing waffing whiffing yaffing

draffish giraffish gruffish offish raffish sniffish stand-  
 offish stiffish toffish

draffishly giraffishly raffishly

buffier chaffier chuffer cliffier daffier fluffier gruffier  
 huffier iffier miffier puffier scruffier sniffier snuffier  
 spiffier stuffier

buffiest chaffiest chuffiest cliffiest daffiest fluffiest  
 gruffiest huffiest iffiest miffiest puffiest scruffiest sniffiest  
 iest snuffiest spiffiest stuffiest

daffily fluffily gruffily huffily puffily scruffily sniffily  
 snuffily spiffily stuffily

fluffiness huffiness iffiness puffiness scruffiness sniffiness  
 ness spiffiness stuffiness

baffies biffies jiffies stuffies taffies toffies waffie waffies

- ffl to ffl

bluffly gruffly ruffly snuffly stiffly

- ffi to ffi

(No extra cases in broadf set)

- ffl to ffl

(No extra cases in broadf set)

- ft to ft

fifty fiftyish

fifties fiftieth fiftieths

fifteen fifteens fifteenth fifteenths

- fb, fh, fj, and fk ligatures

halfback golfball goofball wolfberry halfbeak hoof-  
 beat surfbird surfboard surfboarder surfboat

halfhearted selfheal leaphopper selfhood serfhood  
 wolfhound

offbeat puffball snuffbox

cliffhanger offhand offhanded offhandedly

cliffjumper

offkey

*but*: Kafka, Sognefjord, Dovrefjell

## Part 3: Ligatures suppressed if “hdlig” option is set

- ct to ct

arctangent coarctation

- st to st

First, some words with “th” (from  $\theta$  or  $\vartheta$ ) after “s”:

asthma isthmus aesthetic

Other reasons for suppressing st ligature:

painstaker painstaking dogstail crosstalk gastight  
 distant distasteful distillation distemperate distend-  
 ed distort distract distraught distribute distributed  
 distribution district distrust disturb

Maastricht

*But*, do not suppress the st ligature for distelfink, castle  
 forecastle, nestle wrestle, bristle bristletail epistle  
 glisten gristle listen mistletoe thistle whistle, apostle  
 jostle, bustle hustle rustle

- sp to sp

First, some words with “ph” (from  $\phi$  or  $\varphi$ ) after “s”:

asphalt asphodel asphyxiate blaspheme blasphemy  
 dysphagia dysphonia dysphoria sphagnum sphinx  
 atmosphere bathysphere biosphere blogosphere eco-  
 sphere exosphere hemisphere hydrosphere ionosphere  
 magnetosphere stratosphere  
 spherical sphericity spheroid  
 phosphorous phosphates phosphorescent

Words with other reasons for suppressing sp ligature:

clothespin clothespress

businesspeople congresspeople craftspeople dispeople  
 newspeople salespeople spokespeople townspeople  
 tradespeople tribespeople

businessperson congressperson craftsperson draftsper-  
 son news<sup>sp</sup>person salesperson spokes<sup>sp</sup>person

transpacific transparent transpersonal transpierce  
 transplant transplacental transpolar transport trans-  
 pose transposon  
 (but: transpicious transpire transponder)  
 (also: respond despondent correspond correspond)  
 trespass trespassing  
 cisplatin  
 disparage disparaged disparagement disparagements  
 disparager disparagers disparages disparaging dispar-  
 agingly  
 disparate disparately disparateness disparatenesses  
 disparities disparity dispart parted departing dis-  
 parts  
 dispassion dispassionate dispassionately dispassionate-  
 ness dispassionatenesses dispassions  
 dispatch dispatched dispatcher dispatchers dispatches  
 dispatching  
 dispel dispelled dispelling dispels  
 dispend dispended dispending dispends dispensabili-  
 ties dispensability dispensable dispensaries dispensary  
 dispensation dispensational dispensations dispen-  
 satories dispensatory dispense dispensed dispenser  
 dispensers dispenses dispensing  
 dispeople dispeopled dispeoples dispeopling  
 dispersal dispersals dispersant dispersants disperse  
 dispersed dispersedly disperser dispersers disperses dis-  
 persible dispersing dispersion dispersions dispersive  
 dispersively dispersiveness dispersivenesses  
 dispersoid dispersoids  
 dispirit dispirited dispiritedly dispiritedness dispirit-  
 ednesses dispiriting dispirits  
 dispiteous  
 displace displaceable displaced displacement displace-  
 ments displaces displacing  
 displant displanted displanting displants  
 display displayable displayed displaying displays  
 displease displeased displeases displeasing displeasure  
 displeasures  
 displode disploded displodes disploting displotion  
 displotions  
 displume displumed displumes displuming  
 disport disported disporting disportment disport-  
 ments disports  
 disposabilities disposability disposable disposables  
 disposal disposals dispose disposed disposer disposers  
 disposes disposing

disposition dispositional dispositions dispositive  
 dispossess dispossessed dispossesses dispossessing dis-  
 possession dispossessions dispossessor dispossessors  
 disposure disposesures  
 dispraise dispraised dispraiser dispraisers dispraises  
 dispraising dispraisingly  
 dispread dispreading dispreads  
 disprize disprized disprizes disprizing  
 disproof disproofs  
 disproportion disproportional disproportionate dis-  
 proportionated disproportionately disproportionates  
 disproportionating disproportionation disproportion-  
 ations disproportioned disproportioning dispropor-  
 tions  
 disprovable disprove disproved disproven disproves  
 disproving  
 disputable disputably disputant disputants disputa-  
 tion disputations disputatious disputatiously disputa-  
 tiousness disputatiousnesses dispute disputed disputer  
 disputers disputes disputing  
 indispensabilities indispensability indispensable in-  
 dispensableness indispensablenesses indispensables  
 indispensably  
 indispose indisposed indisposes indisposing indisposi-  
 tion indispositions  
 indisputable indisputableness indisputablenesses in-  
 disputably  
 misperception misphrase misplace misplant misplay  
 misprice misprint mispronounce  
 monodisperse nondispersive  
 polydisperse polydispersities polydispersity  
 predispose predisposed predisposes predisposing pre-  
 disposition predispositions  
 redisplay redisplayed redisplaying redisplayes  
 redispense redispensed redispenses redispensing redispensi-  
 tion redispensions  
 undisputable undisputed  
 suspend suspended suspends suspension

Note: The test words in the remainder of this document are generally set in *italics* because the text font that's used by the "driver" program, *selnolig-english-test.tex*, does not feature the applicable ligatures in the upright font shape.

- *th to th*

bathhouse boathouse cathouse courthouse bothouse light-  
house nuthouse outhouse penthouse pilothouse pothouse  
guesthouse oasthouse pesthouse

bolthead cathead fathead flathead gilthead hothead  
lightheaded masthead meathead pithead pothead print-  
head softhead softheaded

fainthearted greathearted lighthearted softhearted stout-  
hearted sweetheart sweethearts

adulthood aunthood knighthood parenthood priesthood  
prophethood sainthood servanthood

bolthole knothole porthole posthole pesthole pothole rat-  
hole

boathook meathook pothook

foothold potholder roothold

anthill foothill

goatherd neatherd

outhaul outhear outhit outhomer outhowl outhumor  
outhunt outhusle

shorthair shorthanded shorthorn

antiapartheid apartheid dustheap firstrand nighthawk

posthumous posthumously pothunt warthog watthour  
kilowatthour

- *at to at*

anathema aromatherapy intrathoracic metathesis ultra-  
thin ultrathick

- *et to et*

ninetieth ninetieths ninety nineteen

nametag

betake betatter betray betroth

detach detain detail

detect undetectable detective

detent detention detest

detract detrain detribalize detriment detritus

bristletail dovetail horsetail

cheetah chetah caretaker

foretell fortunetelling

detergent deteriorate determent determinant

preterm pretext

retext telenext

bluetick detick

betide yuletide

betime beforetime lifetime peacetime sometime

detrain drivetrain housetrain pretrain retrain

firetrap livetrain mousetrap

axletree saddletree shoetree

timetable

preteen pretend pretence pretense pretentious pretest pre-  
text prettling

pretreat pretrim pretrial

retag retape retake reteach retie retile retime retint retire  
retiring retile retrace retrack retract retrains retrans-  
mit retread retreat retrench retrieve retribution retries  
retrim retune

return unreturnable

entirety entireties surety sureties safety safeties

archetype archetypal

subtlety teletype teletypewriter

- *as to as*

teaspoon infrastructure seastrand

infraspecific intraspecies intraspecific

- *is to is*

antisag antisatellite antisience antisecrecy antisense an-  
tiseptic antishark antiship antishock antiskid antislavery  
antislip antismog antismoke antismuggling antismut  
antisocial antisolar antispasmodic antispiculative an-  
tislatic antislack antistress antistrike antislubmarine  
antisubversion antisymmetric antisymphilitics

(but: mantissa, gigantism, sycophantism, sycophantish)

- *sk to emphsk (EB Garamond)*

greenskeeper groundskeeper

triskaidekaphobia rathskeller

miskeep miskept miskick misknow

- *ll to l*

anmallike bowllike eellike jewellike owllike petallike  
seallike snaillike soullike taillike tunnallike veillike wool-  
like

bowelless coalless goalless heelless idealless keelless mail-  
less mealless recoilless skillless skilllessness skilllessnesses  
soilless soulless soullessly soullessness soullessnesses tailless  
toolless trailless wheelless

## Part 4: Cases where one ligature pre-empt<sup>s</sup> the use of a subsequent ligature

Cases of *as*, *is*, and *us* ligatures pre-empt<sup>s</sup> use of *st* ligature

- *as* pre-empting *st*  
*abreast aghast alaba<sup>s</sup>ter antipa<sup>s</sup>to a<sup>s</sup>tern a<sup>s</sup>tir a<sup>s</sup>tonish*  
*a<sup>s</sup>tound a<sup>s</sup>tride a<sup>s</sup>tringent a<sup>s</sup>tronomy a<sup>s</sup>tute a<sup>s</sup>t*  
*bastard ba<sup>s</sup>te bea<sup>s</sup>t bla<sup>s</sup>t bo<sup>s</sup>t breakfa<sup>s</sup>t breas<sup>s</sup>t*  
*ca<sup>s</sup>t ca<sup>s</sup>te coa<sup>s</sup>t cata<sup>s</sup>trophe cha<sup>s</sup>te coa<sup>s</sup>t contrast*  
*deva<sup>s</sup>tate disa<sup>s</sup>ter dra<sup>s</sup>tic dyna<sup>s</sup>ty*  
*ea<sup>s</sup>t ecclesi<sup>s</sup>tic fa<sup>s</sup>t fa<sup>s</sup>ten fea<sup>s</sup>t foreca<sup>s</sup>t*  
*gha<sup>s</sup>tly gastronomy gymnastics ha<sup>s</sup>te lamba<sup>s</sup>t last lea<sup>s</sup>t*  
*ma<sup>s</sup>t ma<sup>s</sup>ster mega<sup>s</sup>tar meta<sup>s</sup>table na<sup>s</sup>ty oa<sup>s</sup>t oa<sup>s</sup>thouse*  
*pa<sup>s</sup>t pa<sup>s</sup>ta pa<sup>s</sup>tel pa<sup>s</sup>tor pa<sup>s</sup>teurize pla<sup>s</sup>tic roa<sup>s</sup>t*  
*schola<sup>s</sup>tic spa<sup>s</sup>tic stea<sup>s</sup>dfa<sup>s</sup>t sto<sup>s</sup>cha<sup>s</sup>stic toa<sup>s</sup>t upcoa<sup>s</sup>t wa<sup>s</sup>te*  
*yea<sup>s</sup>t*
- *is* pre-empting *st*  
*fi<sup>s</sup>t gi<sup>s</sup>t gri<sup>s</sup>t hei<sup>s</sup>t list mi<sup>s</sup>t*  
*admini<sup>s</sup>ter stati<sup>s</sup>tics stati<sup>s</sup>tically*  
plus, hundreds of words ending in *-ist*:  
*activi<sup>s</sup>t agronomi<sup>s</sup>t biologi<sup>s</sup>t* etc.  
but: *misthink misthrow calisthenic*
- *us* pre-empting *st*  
*bust crust disgust dust exhaust joust just lust must oust*  
*rust thrust wanderlust*

Cases of *at* and *et* ligatures pre-empting a *th* ligature

- *at* ligature preempting the *th* ligature  
*bath math lath lathe path*  
*atheism athlete*  
*beneath bequeath blather breath*  
*catharsis catheter cathode catholic catholicism*  
*death empathy father fathom feather*  
*gather heath heathen loath*  
*marathon oath pathetic pathology*  
*rather rathskeller*  
*scathe sheath slather strath swath*  
*triathlon triathlete weather wrath wreath*  
  
Words for which the *at* ligature need *not* be suppressed in favor of the *th* ligature: *bathhouse boathouse*  
*cathouse boathook meathook goatherd neatherd cathead*  
*fathead flathead meathead rathole greathearted*

- *et* ligature preempting the *th* ligature  
*bethank bethink bethorn bethought bethump*  
*dethrone doublethink firethorn flamethrower fore-*  
*thought freethinker methinks nonetheless nonethical*  
*rethink rethread something whitethroat*  
*twentieth thirtieth fortieth fiftieth sixtieth seventieth*  
*eightieth ninetieth hundreth*  
*amethyst bellwether brethren ethical ethane ether ethnic*  
*ethyl lethal lethargic methadone method plethora seethe*  
*teeth teehee tether together urethane*

Words for which the *et*-ligature need *not* be suppressed: *Beethoven prophethood sweetheart sweet-*  
*hearts*

Cases of *as*-, *is*-, and *us*-ligatures pre-empting use of an *sp*-ligature

*aspara<sup>s</sup>gus aspec<sup>s</sup>t aspi<sup>s</sup>re Casper Caspar clasp gasp gras<sup>s</sup>p has<sup>s</sup>p*  
*Jasper ras<sup>s</sup>p ras<sup>s</sup>pberry was<sup>s</sup>p* (but what to do about *asp*?)  
*megaspores tetraspore*  
*cris<sup>s</sup>p lis<sup>s</sup>p wis<sup>s</sup>per wis<sup>s</sup>p*  
but: *dispari<sup>s</sup>ty dispa<sup>s</sup>rt mispacka<sup>s</sup>ge mispla<sup>s</sup>ce*  
*auspicious cus<sup>s</sup>p suspici<sup>s</sup>ous tricuspid* but: *suspec<sup>s</sup>t susp<sup>s</sup>end*

Cases of an *et* ligature pre-empting a *ta* ligature

Note: It would appear that in all cases where an *et* ligature should be suppressed in favor of a subsequent *ta* ligature, the *et* ligature spans a morpheme boundary and hence shouldn't be used anyway. Some examples:

*betake betatter bristletail caretaker cheetah detach detail detain*  
*dovetail foretaste horsetail nametag pretake pretape preta<sup>s</sup>te*  
*pretax retable retack retag retape retake retaliate retard retarget*  
*whitetail wiretap*

Note that the *et*-ligature should not be suppressed globally in favor of a subsequent *ta* ligature, because of the following groups of words:

- Words ending in *-etary*: *budgetary dietary monetary*  
*planetary proprietary secretary*
- Words ending in *-et-able*: *covetable depletable getable*  
*interpretable marketable pocketable vegetable* (but:  
*retable, timetable*)
- Words ending in *-et-al*: *centripetal metal petal skeletal*  
*societal varietal vegetal*
- Words containing metal: *metal metallic metallurgy*