

# 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 broad-f? broad-f

## 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 roof-  
like serflike sheaflike shelflike surflike turflike waiflike  
wolflike  
half-life shelf-life half-lives shelf-lives  
half-line roofline half-lines rooflines  
leaflet leaflets leafleted leafleting leafletting leafletted  
leaflet-  
pdf~~l~~atex (even better: pdfLaTeX or pdf~~L~~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 chief-  
tainships  
half-time half-tone half-times half-tones  
rooftop rooftops roof-tree roof-trees  
wolf-trap calf-trap leaf-trap off-track  
fifth fifths fifthly twelfth twelfths
- fr to fr (italic font shape only)  
proofread proofreader proofroom

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

- ff to ff  
(No extra cases in broad-f set)
- fi to fi  
elfin  
chafing leafing loafing sheafing strafing vouchsafing  
beefing reefing briefing debriefing coifing fife jack-  
knifing knifing midwifing waifing wifing  
airproofing childproofing fireproofing flameproof-  
ing mothproofing rustproofing soundproofing water-  
proofing weatherproofing proofing  
goofing hoofing reroofing roofing spoofing whoofing  
woofing  
begulging engulging ingulging gulping golfing rolping  
selging wolging barging  
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>f</sup>ly brief<sup>f</sup>ly chief<sup>f</sup>ly dea<sup>f</sup>ly lie<sup>f</sup>ly

- 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  
muffing offing piaffing puffing quaffing rebuffing reffing  
restaffing restuffing ruffing crossruffing overruffing  
underuffing ruffing scla<sup>f</sup>ffing sco<sup>f</sup>ffing scu<sup>f</sup>ffing shro<sup>f</sup>ffing  
sluffing snuffing snuffing spiffing overstaffing understaffing  
staffing stiffing overstuffing stuffing tariffing  
tiffing waffing whiffing yaffing

draffish giraffish gruffish offish raffish sniffish standoffish  
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  
snuffiest spiffiest stuffiest

daffily fluffily gruffily huffily puffily scruffily sniffily  
snuffily spiffily stuffily

fluffiness huffiness iffiness puffiness scruffiness sniffiness  
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 broad-f set)

- ffl to ffl

(No extra cases in broad-f set)

- ft to ft

fifty fiftyish

fifties fiftieth fiftieths

fifteen fifteens fifteenth fifteenths

- fb, fh, fj, and fk ligatures

halfback golfball goofball wolfberry halfbeak hoofbeat  
surfbird surfboard surfboarder surfboat

halfhearted selfheal leafhopper 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 distended  
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 glis-  
ten 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 dispeo-  
ple newspeople salespeople spokespeople townspeople  
tradespeople tribespeople

businessperson congressperson craftsperson draftsper-  
son news<sup>sp</sup>erson salesperson spokesperson

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 disparag-  
ingly  
disparate disparately disparateness disparatenesses  
disparities disparity dispart disparted disparting 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 dispensato-  
ries dispensatory dispense dispensed dispenser dispens-  
ers dispenses dispensing  
dispeople dispeopled dispeoples dispeopling  
dispersal dispersals dispersant dispersants disperse dis-  
persed dispersedly disperser dispersers disperses dis-  
persible dispersing dispersion dispersions dispersive  
dispersively dispersiveness dispersivenesses  
dispersoid dispersoids  
dispirit dispirited dispiritedly dispiritedness dispirited-  
nesses 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 dis-  
plosions  
displume displumed displumes displuming  
disport disported disporting disportment disport-  
ments disports  
disposabilities disposability disposable disposables dis-  
posal disposals dispose disposed disposer disposers dis-  
poses disposing

disposition dispositional dispositions dispositive  
dispossess dispossessed dispossesses dispossessing dis-  
possession dispossessions dispossessor dispossessors  
disposure disposures  
dispraise dispraised dispraiser dispraisers dispraises dis-  
praising dispraisingly  
dispread disspreading disspreads  
disprize disprized disprizes disprizing  
disproof disproofs  
disproportion disproportional disproportionate dis-  
proportionated disproportionately disproportionates  
disproportionating disproportionation disproportion-  
ations disproportioned disproportioning disproportion-  
tions  
disprovable disprove disproved disproven disproves dis-  
proving  
disputable disputably disputant disputants disputation  
disputations disputatious disputatiously disputatious-  
ness disputatiousnesses dispute disputed disputer dis-  
puters disputes disputing  
indispensabilities indispensability indispensable indis-  
pensableness indispensablenesses indispensables indis-  
pensably  
indispose indisposed indisposes indisposing indisposi-  
tion indispositions  
indisputable indisputableness indisputablenesses indis-  
putably  
misperception misphrase misplace misplant misplay  
misprice misprint mispronounce  
monodisperse nondispersive  
polydisperse polydispersities polydispersity  
predispose predisposed predisposes predisposing pre-  
disposition predispositions  
redisplay redisplayed redisplaying redispays  
redispose redispoused redispouses redispousing redisposi-  
tion redispersions  
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 hothouse 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 footbill*

*goatherd neatherd*

*outhaul outhear outhit outhomer outhowl outhumor out-*  
*hunt 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*

*fortell fortunetelling*

*detergent deteriorate deterrent determinant*

*preterm pretext*

*retext teletext*

*bluetick detick*

*betide yulotide*

*betime beforetime lifetime peacetime sometime*

*detrain drivetrain housetrain pretrain retrain*

*firetrap livetrapp 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 retransmit re-*  
*tread 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 antiscience antisecrecy antisense an-*  
*tiseptic antishark antiship antishock antiskid antislavery*  
*antislip antismog antismoke antismuggling antismut an-*  
*tisocial antisolar antispasmodic antispellative antistatic*  
*antistick antistress antistrike antisubmarine antisubver-*  
*sion 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 tumellike veillike wool-*  
*like*

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

## Part 4: Cases where one ligature pre-empts the use of a subsequent ligature

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

- *as* pre-empting *st*  
*abreast aghast alabaster antipasto astern astir astonish*  
*astound astride astringent astronomy astute avast*  
*bastard baſte beaſt blaſt boſt breakfaſt breſt*  
*caſt caſte coaſt cataſtrophe chaſte coaſt contraſt*  
*devaſtate diſaſter draſtic dynaſty*  
*eaſt eccleſiaſtic faſt faſten feaſt forecaſt*  
*ghaſtly gaſtronomy gymnaſtics haſte lambaſt laſt leaſt*  
*maſt maſter megaſtar metaſtable naſty oaſt oaſthouſe*  
*paſt paſta paſtel paſtor paſteurize plaſtic roaſt*  
*ſcholaſtic ſpaſtic ſteadfaſt ſtochaſtic toaſt upcoaſt waſte*  
*yeaſt*
- *is* pre-empting *st*  
*fiſt giſt griſt heiſt liſt miſt*  
*adminiſter ſtatistics ſtatistiſtically*  
 plus, *hundreds* of words ending in *-iſt*:  
*actiſtiſt agronomiſt biologiſt 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 pre-empting 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 pre-empting the *th* ligature  
*bethank bethink bethorn bethought bethump*  
*dethrone doublethink firethorn flamethrower forethought*  
*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 teethe tether together urethane*

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

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

*aſparagus aſpect aſpire Caſper Caſpar clasp gaſp graſp haſp*  
*Jaſper raſp raſpberry waſp* (but what to do about *aſp*?)  
*megaſpores tetraſpore*  
*criſp liſp whiſper wiſp*  
 but: *diſparity diſpart miſpackage miſplace*  
*auſpicious cuſp ſuſpicious tricuſpid* but: *ſuſpect ſuſpend*

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 briſtlétail caretaker cheetah detach détail detain*  
*dovetail foretaſte horſetail nametag pretake pretape pretaſte pre-*  
*tax 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 *-et-ary*: *budgetary dietary monetary*  
*planetary proprietary ſecretary*
- Words ending in *-et-able*: *covetable depletable getable*  
*interpretable marketable pocketable vegetable* (but: *re-*  
*table, timetable*)
- Words ending in *-et-al*: *centripetal metal petal skeletal*  
*ſocietal varietal vegetal*
- Words containing metal: *metal metallic metallurgy*