

## 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~~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 chieftainships  
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 “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  
begulping engulping ingulping gulping golfing rolping  
selfing wolping barping  
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

alooofly briefly chiefly deafly liefly

- 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 sciaffing 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 standish  
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 hoofbeat  
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 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  
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 newsperson 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 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 disposures  
 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 footbill*

*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 teletext*

*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 antistick antistress antistrike antissubmarine  
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 tunnelliike 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>ing</sup> use of st ligature

- as pre-empt<sup>ing</sup> st

abreast aghast alaba<sup>st</sup>er antipa<sup>st</sup>o aslern astir astonish  
astound astride as<sup>tr</sup>ingent astron<sup>omy</sup> astute avast  
bastard ba<sup>st</sup>e bea<sup>st</sup> blast bo<sup>as</sup>t breakfa<sup>st</sup> breas<sup>t</sup>  
ca<sup>st</sup> ca<sup>st</sup>e coa<sup>st</sup> cata<sup>st</sup>rophe cha<sup>st</sup>e coa<sup>st</sup> contrast  
deva<sup>st</sup>ate disa<sup>st</sup>er dra<sup>st</sup>ic dyna<sup>st</sup>y  
ea<sup>st</sup> ecclesi<sup>as</sup>tic fa<sup>st</sup> fasten fea<sup>st</sup> foreca<sup>st</sup>  
gha<sup>st</sup>ly gastrono<sup>my</sup> gymnastics ha<sup>st</sup>e lamba<sup>st</sup> last lea<sup>st</sup>  
ma<sup>st</sup> ma<sup>st</sup>er mega<sup>st</sup>ar meta<sup>st</sup>able na<sup>st</sup>y oa<sup>st</sup> oa<sup>st</sup>house  
pa<sup>st</sup> pa<sup>st</sup>a pa<sup>st</sup>el pa<sup>st</sup>or pa<sup>st</sup>eurize pla<sup>st</sup>ic roa<sup>st</sup>  
schola<sup>st</sup>ic spa<sup>st</sup>ic stea<sup>d</sup>fa<sup>st</sup> sto<sup>ch</sup>astic toa<sup>st</sup> upcoa<sup>st</sup> wa<sup>st</sup>e  
yea<sup>st</sup>

- is pre-empt<sup>ing</sup> st

fi<sup>st</sup> gi<sup>st</sup> gri<sup>st</sup> hei<sup>st</sup> list mi<sup>st</sup>  
admini<sup>st</sup>er stati<sup>st</sup>ics stati<sup>st</sup>ically  
plus, hundreds of words ending in -ist:  
acti<sup>st</sup>ivist ag<sup>st</sup>ronomi<sup>st</sup> biologi<sup>st</sup> etc.  
but: misth<sup>st</sup>ink misth<sup>st</sup>row calisth<sup>st</sup>enic

- us pre-empt<sup>ing</sup> st

bust crust dis<sup>st</sup>ust dust exha<sup>st</sup>ust joust just lust must ou<sup>st</sup>  
rust thru<sup>st</sup>st wanderlust

Cases of at and et ligatures pre-empt<sup>ing</sup> a th ligature

- at ligature pre-empt<sup>ing</sup> 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-empt<sup>ing</sup> 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-empt<sup>ing</sup> use an sp-ligature

aspara<sup>gus</sup> 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-empt<sup>ing</sup> 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 bristle<sup>tail</sup> caretaker cheetah detach detail detain  
dovetail foreta<sup>st</sup>e horsetail namet<sup>ag</sup> pretake preta<sup>pe</sup> preta<sup>st</sup>e  
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 -et-ary: budg<sup>et</sup>ary diet<sup>et</sup>ary monet<sup>et</sup>ary  
planetary proprietary secret<sup>et</sup>ary
- Words ending in -et-able: cov<sup>et</sup>able deple<sup>et</sup>able get<sup>et</sup>able  
interpre<sup>et</sup>able market<sup>et</sup>able pocket<sup>et</sup>able veget<sup>et</sup>able (but:  
retable, timet<sup>et</sup>able)
- Words ending in -et-al: centrip<sup>et</sup>al metal petal skeletal  
soci<sup>et</sup>al vari<sup>et</sup>al veget<sup>et</sup>al
- Words containing metal: metal metallic metallurgy