### selnolig-english-test

Appearance of f-ligatures in current font Sample words containing these ligatures fit fly office baffle lift off

Options and other parameters

Righthyphenmin Extent of suppressing f-ligatures: basic or broad? broad Treat hist./discr. ligatures? (ct, st, sp, th, et, etc.)

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

- ff to f-f shelfful shelffuls bookshelfful mantelshelfful selffulfilling
- fl to f-l

beefless briefless hoofless leafless roofless selfless turfless selflessly selflessness

calflike dwarflike elflike gulflike hooflike leaflike rooflike serflike sheaflike shelflike surflike turflike waiflike wolflike

halflife shelflife halflives shelflives

halfline roofline halflines rooflines

leaflet leaflets leafleted leafleting leafletted leafleteer

pdflatex

ffi to ff-i

Pfaffian Wolffian Wulffian

ffl to ff-l

cuffless stuffless cufflessly stufflessness scofflaw scofflaws cufflink cufflinks offline offload offloads offloading offloaded rufflike clifflike

- ffi to f-fi chaffinch chaffinches wolffish wolffishly
- ft to f-t

chieftain chieftaincy chieftaincies chieftainship chieftainships

halftime halftone halftimes halftones rooftop rooftops rooftree rooftrees

fifth fifths fifthly twelfth twelfths

(The preceding words are set in italics because the upright font shape doesn't feature a th-ligature.)

wolftrap calftrap leaftrap offtrack

• fr to f-r (italic font shape only) proofread proofreader proofroom

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

• fi to f-i

elfin

chafing leafing loafing sheafing strafing vouchsafing beefing reefing briefing debriefing coifing fifing jackknifing knifing midwifing waifing wifing

airproofing childproofing fireproofing flameproofing moth proofing rust proofing sound proofing waterproofing weather proofing proofing

goofing hoofing reroofing roofing shoofing whoofing woofing

begulfing engulfing ingulfing gulfing golfing rolfing selfing wolfing 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 serfishness unselfishness wolfishness

beefiler comfiler goofiler gulfiler leafiler surfiler turfiler

beefiest comfiest goofiest gulfiest leafiest surfiest turfi-

beefily goofiness

fl to f-l

aloofly briefly chiefly deafly liefly

#### • ffi to ff-i

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 refling restuffing restuffing crossruffing overruffing underruffing ruffing sclaffing scoffing scuffing shroffing sluffing sniffing snuffing spiffing overstaffing understaffing staffing stiffing overstuffing stuffing tuffing waffing whiffing yaffing

draffish giraffish gruffish offish raffish sniffish standoffish stiffish toffish

draffishly giraffishly raffishly

buffler chaffler chuffler cliffler daffler fluffler gruffler er huffler iffler miffler puffler scruffler sniffler snuffler spiffler stuffler

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

daffily fluffily gruffily huffily puffily scruffily sniffily sniffily stuffily

fluffiness huffiness iffiness puffiness scruffiness sniffiness spiffiness stuffiness

baffies biffies jiffies taffies toffies waffie waffies

- ffl to ff-l
   bluffly gruffly ruffly snuffly stiffly
- ffl to f-fl safflower
- ft to f-t

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 ligatures
arctangent coarctation

• st ligatures

painstaker painstaking dogstail crosstalk gastight distant distasteful distillation distemperate distended distort

distract distraught distribute distrust disturb

Maastricht

asthma isthmus (italic font shape: asthma isthmus)

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

• sp ligatures

asphalt asphodel asphyxiate blaspheme blasphemy dysphagia dysphoria sphagnum sphinx

atmosphere bathysphere biosphere blogosphere ecosphere exosphere hemisphere hydrosphere ionosphere magnetosphere

spherical sphericity

phosphorous phosphorescent

clothespin clothespress

businesspeople congresspeople craftspeople dispeople newspeople salespeople spokespeople townspeople tradespeople tribespeople

businessperson congressperson craftsperson draftsperson newsperson salesperson spokesperson

transpacific transparent transpersonal transpierce transplant transplacental transpolar transport transpose transposon

(but: transpicuous transpire transponder)

(also: respond despondent corespond correspond)

trespass trespassing

cisplatin

disparage disparaged disparagement disparagements disparager disparagers disparages disparaging disparagingly

disparate disparately disparateness disparatenesses

disparities disparity dispart disparted disparting disparts

dispassion dispassionate dispassionately dispassionateless dispassionatenesses dispassions

dispatch dispatched dispatcher dispatchers dispatches dispatching

dispel dispelled dispelling dispels

dispend dispended dispending dispends dispensabilities dispensability dispensable dispensaries dispensary dispensation dispensational dispensations dispensatories dispensatory dispense dispensed dispenser dispenser ers dispenses dispensing

dispeople dispeoples dispeopling

dispersal dispersals dispersant dispersants disperse dispersed dispersedly disperser dispersers disperses dispersible dispersing dispersion dispersions dispersive dispersively dispersiveness dispersivenesses

dispersoid dispersoids

dispirit dispirited dispiritedly dispiritedness dispiritedness dispiritednesses dispiriting dispirits

dispiteous

displace displaceable displaced displacement displaced ments displaces displacing

displant displanted displanting displants

display displayable displayed displaying displays

displease displeased displeases displeasing displeasure displeasures

displode disploded displodes disploding displosion displosions

displume displumed displumes displuming

disport disported disporting disportment disportments disports

disposabilities disposability disposable disposables disposal disposals dispose disposed disposer disposers disposes disposing

disposition dispositional dispositions dispositive

dispossession dispossessions dispossessor dispossessors

disposure disposures

dispraise dispraised dispraiser dispraisers dispraises dispraising dispraisingly

dispread dispreading dispreads

disprize disprized disprizes disprizing

disproof disproofs

disproportion disproportional disproportionate disproportionated disproportionately disproportionates disproportionating disproportionation disproportionaations disproportioned disproportioning disproportions

disprovable disprove disproved disproven disproves disproving

disputable disputably disputant disputants disputation disputations disputations disputations disputations disputations disputations disputations disputed disputer disputer disputer disputer disputers disputes disputer disputers disputer disputers disputer

indispensabilities indispensableity indispensable indispensableness indispensables indispensables indispensably

indispose indisposed indisposes indisposing indisposition indispositions

indisputable indisputableness indisputablenesses indisputably

misperception misphrase misplace misplant misplay misprice misprint mispronounce

monodisperse nondispersive

polydisperse polydispersities polydispersity

predispose predisposed predisposes predisposing predisposition predispositions

redisplay redisplayed redisplaying redisplays

redispose redisposed redisposes redisposing redisposition redispositions

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 lightures in the upright font shape.

#### • th ligature

bathouse boathouse cathouse courthouse guesthouse hothouse lighthouse nuthouse oasthouse outhouse penthouse pesthouse pilothouse pothouse

bolthead cathead fathead flathead gilthead hothead lightheaded masthead meathead pithead pothead printhead softheaded

fainthearted greathearted lighthearted softhearted stouthearted sweetheart sweethearts

adulthood aunthood knighthood parenthood priesthood prophethood sainthood servanthood

bolthole knothole porthole posthole pesthole pothole rat-

boathook meathook pothook

foothold potholder roothold

anthill foothill

goatherd neatherd

outhaul outhear outhit outhomer outhowl outhumor outhunt outhustle shorthair shorthanded shorthorn antiapartheid apartheid dustheap firsthand nighthawk posthumous posthumously pothunt warthog watthour kilowatthour

• at ligature

anathema aromatherapy intrathoracic metathesis ultrathin ultrathick

• et ligature

ninetieth ninetieths ninety nineteen

nametag

betake betatter beta 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 retighten betime beforetime lifetime peacetime sometime

detrain drivetrain housetrain pretrain retrain

firetrap livetrap mousetrap

axletree saddletree shoetree

timetable beforetime

preteen pretend pretence pretense pretentious pretest pretext pretitling

retag retape retake reteach retie retile retime retint retire retiring retitle retrace retrack retract retrans retransmit pretreat retread retreat retrench pretrim pretrial retrieve retribution retries retrim return retune

unreturnable

entirety entireties surety sureties safety safeties archetype archetypal subtlety teletype teletypewriter

• as ligature

teaspoon infrastructure seastrand

• *is* ligature

antisag antisatellite antiscience antisecrecy antisense antiseptic antishark antiship antishock antiskid antislavery

antislip antismog antismoke antismuggling antismut antisocial antisolar antispasmodic antispeculative antistatic antistick antistress antistrike antisubmarine antisubversion antisymmetric antisyphilitics

(but: mantissa, gigantism, sycophantism, sycophantish)

• sk ligature (EB Garamond) greenskeeper groundskeeper triskatdekaphobia rathskeller miskeep miskept miskick misknow

#### • *ll* ligature

animallike bowllike eellike jewellike owllike petallike seallike snaillike soullike taillike tunnellike veillike woollike bowelless coalless goalless heelless idealless keelless mailless mealless recoilless skilless skillessness skillessnesses 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 boast breakfast breast 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-lempting st fist gist grist heist list mist administer statistics statistically plus, hundreds of words ending in -ist:

activist 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 lighture preempting the th lighture bath math lath lathe path atheism athlete beneath bequeath blather breath catharsis catheter cathode death empathy father fathom feather gather heath heathen loath marathon oath rather strath swath triathlon triathlete weather wrath wreath

Words for which the at-ligature need not be suppressed: bathouse 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 forethought free-thinker 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

asp asparagus aspect aspire Casper Caspar clasp gasp grasp hasp Jasper rasp raspberry wasp

megaspores tetraspore

crisp lisp whisper wisp

but: disparity dispart mispackage

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 bristletail caretaker cheetah detach detail detain dovetail foretaste horsetail nametag pretake pretape pretaste pretax retable retack retag retape retake retaliate retard retarget timetable 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: coverable 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