

# Alphabets

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# Chapter 1

## Latin scripts

### 1.1 Codepage 1252

#### 1.1.1 Danish

##### Alphabet

	(´)	(˘)	(˙)	(¨)	(˚)	(ˇ)	(ˆ)	(˜)	(˝)	(,)	(Q)	(k)	(ı)	(-)	(¯)	(?)
a A	á Á	à À	â Â													
b B																
c C	ç Ç															
d D	ð Ð															
e E	é Ê	è Ë	ê Ë	ë Ë												
f F																
g G																
h H																
i I	í Î															
j J																
k K																
l L																
m M																
n N																
o O	ó Ó	ô Ô														
p P																
q Q																
r R																
s S																
t T																
u U	ú Ú															
v V																
w W																
x X																
y Y	ý Ý	ÿ Ÿ														
z Z																
æ Æ																
ø Ø	ö Ö	œ Œ														
å Å	aa Aa AA															

##### Ligatures

‘p’ is sorted like ‘t h’, but *after* it in otherwise equal words.  
‘P’ is sorted like ‘T h’, but *after* it in otherwise equal words.

##### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

##### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.2 English

Alphabet

	(˘)	(˙)	(ˆ)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(0)	(k)	(˙)	(-)	(˘)	(?)
a A	à À														
b B															
c C	ç Ç														
d D	ð Ð														
e E	é É	è È	ë Ë	ê Ê											
f F															
g G															
h H															
i I	ï Ì														
j J															
k K															
l L															
m M															
n N	ñ Ñ														
o O	ö Ö	ô Ô													
p P															
q Q															
r R															
s S															
t T															
u U															
v V															
w W															
x X															
y Y															
z Z															
þ Þ															

Ligatures

- ‘æ’ is sorted like ‘a e’, but *after* it in otherwise equal words.
- ‘Æ’ is sorted like ‘A e’, but *after* it in otherwise equal words.
- ‘œ’ is sorted like ‘o e’, but *after* it in otherwise equal words.
- ‘Œ’ is sorted like ‘O e’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppcase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.1.3 Estonian

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(l)	(k)	(‘)	(-)	(ˉ)	(?)
a	A														
b	B														
c	C														
d	D														
e	E														
f	F														
g	G														
h	H														
i	I														
j	J														
k	K														
l	L														
m	M														
n	N														
o	O														
p	P														
q	Q														
r	R														
s	S														
š	Š														
z	Z														
ž	Ž														
t	T														
u	U														
v	V	w	W												
õ	Õ														
ä	Ä														
ö	Ö														
ü	Ü														
x	X														
y	Y														

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.4 Finnish

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(˘)	(˚)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a A															
b B															
c C															
d D															
e E	é É														
f F															
g G															
h H															
i I															
j J															
k K															
l L															
m M															
n N															
o O															
p P															
q Q															
r R															
s S	š Š														
t T															
u U															
v V	w W														
x X															
y Y	ü Ü														
z Z	ž Ž														
å Å															
ä Ä	æ Æ														
ö Ö	ø Ø	õ Õ													

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *after* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.1.5 French

Alphabet

	(˘)	(˙)	(˘)	(˘)	(ˆ)	(˘)	(˘)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a A	â Â	à À	ä Ä												
b B															
c C	ç Ç														
d D															
e E	é É	ê Ê	è È	ë Ë											
f F															
g G															
h H															
i I	î Î	ï Ï													
j J															
k K															
l L															
m M															
n N	ñ Ñ														
o O	ô Ô	ö Ö													
p P															
q Q															
r R															
s S															
t T															
u U	û Û	ù Ù	ü Ü												
v V															
w W															
x X															
y Y	ÿ Ÿ														
z Z															

Ligatures

- ‘æ’ is sorted like ‘a e’, but *after* it in otherwise equal words.
- ‘Æ’ is sorted like ‘A e’, but *after* it in otherwise equal words.
- ‘œ’ is sorted like ‘o e’, but *after* it in otherwise equal words.
- ‘Œ’ is sorted like ‘O e’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.6 A general sorting order for Western European languages

Alphabet

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
a A	á Á	à À	â Â	ã Ã	ä Ä	å Å	ä Ä				Q	(k)	(˘)	(-)	(˘)
b B															
c C	ç Ç														
d D															
e E	é É	è È	ê Ê	ë Ë											
f F															
g G															
h H															
i I	í Í	ì Ì	î Î	ï Ï											
j J															
k K															
l L															
m M															
n N	ñ Ñ														
o O	ó Ó	ò Ò	ô Ô	õ Õ	ö Ö	ø Ø									
p P															
q Q															
r R															
s S	š Š														
t T															
u U	ú Ú	ù Ù	û Û	ü Ü											
v V															
w W															
x X															
y Y	ý Ý	ÿ Ÿ													
z Z	ž Ž														

Ligatures

- ‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.
- ‘æ’ is sorted like ‘ae’, but *after* it in otherwise equal words.
- ‘Æ’ is sorted like ‘Ae’, but *after* it in otherwise equal words.
- ‘œ’ is sorted like ‘oe’, but *after* it in otherwise equal words.
- ‘Œ’ is sorted like ‘Oe’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’



1.1.1.7 Icelandic

Alphabet

	(˘)	(˙)	(˘)	(˘)	(ˆ)	(˘)	(˚)	(¨)	(.)	(Q)	(k)	(˙)	(-)	(ˉ)	(?)
a A	á Á														
b B															
c C															
d D															
ð Ð															
e E	ë Ë	é É													
f F															
g G															
h H															
i I	í Í														
j J															
k K															
l L															
m M															
n N															
o O	ó Ó														
p P															
q Q															
r R															
s S															
t T															
u U	ü Ü	ú Ú													
v V															
w W															
x X															
y Y	ý Ý														
z Z															
þ Þ															
æ Æ	œ Æ	ä Ä													
ö Ö	ø Ø														
å Å															

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.1.8 Swedish

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a A	á Á	à À	â Â												
b B															
c C	ç Ç														
d D	ð Ð														
e E	é É	è È	ê Ê	ë Ë											
f F															
g G															
h H															
i I	í Í	ì Î	î Ï												
j J															
k K															
l L															
m M															
n N	ñ Ñ														
o O	ó Ó	ò Ò	ô Ô												
p P															
q Q															
r R															
s S	š Š														
t T															
u U	ú Ú	ù Û	û Ü												
v V	w W														
x X															
y Y	ý Ý	ÿ Ÿ													
z Z															
å Å															
ä Ä	æ Æ														
ö Ö	ø Ø														

Ligatures

‘k’ is sorted like ‘s’s’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *after* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

## 1.2 Codepage latin1

### 1.2.1 Albanian

#### Alphabet

	(~)	(˘)	(˙)	(¨)	(ˆ)	(˜)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(¯)	(?)
a A															
b B															
c C															
ç Ç															
d D															
dh Dh DH															
e E															
ë Ë															
f F															
g G															
gj Gj GJ															
h H															
i I															
j J															
k K															
l L															
ll Ll LL															
m M															
n N															
nj Nj NJ															
o O															
p P															
q Q															
r R															
rr Rr RR															
s S															
sh Sh SH															
t T															
th Th TH															
u U															
v V															
w W															
x X															
xh Xh XH															
y Y															
z Z															
zh Zh ZH															

#### Ligatures

None.

#### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

#### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.2 Dutch (Ligature IJ sorted as I+J)

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(˘)	(˚)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a A	ä Ä														
b B															
c C															
d D															
e E	ë Ë	é É													
f F															
g G															
h H															
i I	ï Ï														
j J															
k K															
l L															
m M															
n N															
o O	ö Ö														
p P															
q Q															
r R															
s S															
t T															
u U	ü Ü														
v V															
w W															
x X															
y Y															
z Z															

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

### 1.2.3 German (DIN 5007)

#### Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a A															
b B															
c C															
d D															
e E	é É														
f F															
g G															
h H															
i I															
j J															
k K															
l L															
m M															
n N															
o O															
p P															
q Q															
r R															
s S															
t T															
u U															
v V															
w W															
x X															
y Y															
z Z															

#### Ligatures

- ‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.
- ‘ä’ is sorted like ‘ae’, but *after* it in otherwise equal words.
- ‘Ä’ is sorted like ‘Ae’, but *after* it in otherwise equal words.
- ‘ö’ is sorted like ‘oe’, but *after* it in otherwise equal words.
- ‘Ö’ is sorted like ‘Oe’, but *after* it in otherwise equal words.
- ‘ü’ is sorted like ‘ue’, but *after* it in otherwise equal words.
- ‘Ü’ is sorted like ‘Ue’, but *after* it in otherwise equal words.

#### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

#### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.4 German (Duden)

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(ˉ)	(?)
a A								ä Ä							
b B															
c C															
d D															
e E	é É														
f F															
g G															
h H															
i I															
j J															
k K															
l L															
m M															
n N															
o O								ö Ö							
p P															
q Q															
r R															
s S															
t T															
u U								ü Ü							
v V															
w W															
x X															
y Y															
z Z															

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppcase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.5 Italian

Alphabet

	(˘)	(˙)	(˘)	(˘)	(ˆ)	(˜)	(˚)	(˝)	(,)	(.)	(k)	(.)	(-)	(˘)	(?)
a A			à À												
b B															
c C															
d D															
e E			é É										è È		
f F															
g G															
h H															
i I	í Í		ì Ì										ï Ì		
j J															
k K															
l L															
m M															
n N															
o O			ó Ó										ò Ò		
p P															
q Q															
r R															
s S															
t T															
u U	ú Ú		ù Û												
v V															
w W															
x X															
y Y															
z Z															

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppcase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.6 Norwegian

Alphabet

	(˘)	(˙)	(˘)	(˘)	(ˆ)	(˜)	(˚)	(¨)	(,)	Q	(k)	(˙)	(-)	(˘)	(?)
a A	á Á	à À	â Â												
b B															
c C	ç Ç														
d D															
e E	é É	è È	ê Ê	ë Ë											
f F															
g G															
h H															
i I															
j J															
k K															
l L															
m M															
n N															
o O	ó Ó	ò Ò	ô Ô												
p P															
q Q															
r R															
s S															
t T															
u U															
v V															
w W															
x X															
y Y	ÿ Ÿ														
z Z															
æ Æ	ä Ä														
ø Ø	ö Ö														
å Å															

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’



## 1.2.7 Portuguese

### Alphabet

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(,)	(.)	(k)	(˙)	(-)	(˘)	(?)
a A	á Á	à À	â Â	ã Ã											
b B															
c C	ç Ç														
d D															
e E	é É	è È	ê Ê												
f F															
g G															
h H															
i I	í Í	ì Ì													
j J															
k K															
l L															
m M															
n N															
o O	ó Ó	ò Ò	ô Ô	õ Õ											
p P															
q Q															
r R															
s S															
t T															
u U	ú Ú	ù Ù	ü Ü												
v V															
w W															
x X															
y Y															
z Z															

### Ligatures

- ‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.
- ‘æ’ is sorted like ‘ae’, but *after* it in otherwise equal words.
- ‘Æ’ is sorted like ‘Ae’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.8 Spanish (modern)

Alphabet

	(˘)	(´)	(ˆ)	(˜)	(^)	(~)	(°)	(¨)	(,)	(¸)	(k)	(´)	(-)	(¯)	(?)
a A	á Á														
b B															
c C															
d D															
e E	é É														
f F															
g G															
h H															
i I	í Í														
j J															
k K															
l L															
m M															
n N															
ñ Ñ															
o O	ó Ó														
p P															
q Q															
r R															
s S															
t T															
u U	ú Ú    ü Ü														
v V															
w W															
x X															
y Y															
z Z															

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *after* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

letters    .   -   ’   ¿   ?   ¡   !

1.2.9 Spanish (traditional)

Alphabet

	(^)	(´)	(˘)	(˘)	(^)	(˘)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(ˉ)	(?)
a A	á Á														
b B															
c C															
ch Ch CH															
d D															
e E	é É														
f F															
g G															
h H															
i I	í Í														
j J															
k K															
l L															
ll Ll LL															
m M															
n N															
ñ Ñ															
o O	ó Ó														
p P															
q Q															
r R															
s S															
t T															
u U	ú Ú    ü Ü														
v V															
w W															
x X															
y Y															
z Z															

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *after* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

letters    .   -   ’   ¿   ?   ¡   !

# 1.3 Codepage 850

## 1.3.1 A general sorting order for Western European languages

### Alphabet

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˚)	(˘)	(,)	()	(k)	(˙)	(-)	(˘)	(?)
aA	áÁ	àÀ	âÂ	ãÃ	äÄ	åÅ									
bB															
cC	çÇ														
dD															
eE	éÉ	èÈ	êÊ	ëË											
fF															
gG															
hH															
iI	íÍ	ìÌ	îÎ	ïÏ											
jJ															
kK															
lL															
mM															
nN	ñÑ														
oO	óÔ	òÒ	ôÔ	õÕ	öÖ	øØ									
pP															
qQ															
rR															
sS															
tT															
uU	úÚ	ùÙ	ûÛ	üÜ											
vV															
wW															
xX															
yY	ýÝ	ÿ													
zZ															

### Ligatures

- ‘á’ is sorted like ‘ss’, but *after* it in otherwise equal words.
- “” is sorted like ‘ae’, but *after* it in otherwise equal words.
- ” is sorted like ‘Ae’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

## 1.4 Codepage latin2

### 1.4.1 Croatian

#### Alphabet

(˘) (˙) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (k) (˘) (-) (˘) (?)

a A

b B

c C

č Č

ć Ć

d D

dž Dž DŽ

đ Đ

e E

f F

g G

h H

i I

j J

k K

l L

lj Lj LJ

m M

n N

nj Nj NJ

o O

p P

q Q

r R

s S

š Š

t T

u U

v V

w W

x X

y Y

z Z

ž Ž

#### Ligatures

None.

#### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

#### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.2 Czech

Alphabet

	(ˇ)	(˘)	(`)	(˘)	(^)	(˘)	(°)	(˝)	(,)	(ǻ)	(k)	(˙)	(-)	(˘)	(?)
a A	á Á	ä Ä													
b B															
c C															
č Č															
d D	ď Ď														
e E	é É	ě Ě													
f F															
g G															
h H															
ch Ch CH															
i I	í Í														
j J															
k K															
l L															
m M															
n N	ň Ň														
o O	ó Ó	ö Ö													
p P															
q Q															
r R															
ř Ř															
s S															
š Š															
t T	ť Ě														
u U	ú Ú	ů Ů	ü Ü												
v V															
w W															
x X															
y Y	ý Ÿ														
z Z															
ž Ž															

Ligatures

‘ř’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.3 Hungarian

Alphabet

	(~)	(˘)	(˙)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(˘)	(-)	(˘)	(?)
a A	á Á														
b B															
c C															
cs Cs CS															
d D															
dz Dz DZ															
dzs Dzs DZs DZS															
e E	é É														
f F															
g G															
gy Gy GY															
h H															
i I	í Í														
j J															
k K															
l L															
ly Ly LY															
m M															
n N															
ny Ny NY															
o O	ó Ó														
ö Ö	ő Ő														
p P															
q Q															
r R															
s S															
sz Sz SZ															
t T															
ty Ty TY															
u U	ú Ú														
ü Ü	ű Ű														
v V															
w W															
x X															
y Y															
z Z															
zs Zs ZS															

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.4 Lower Sorbian

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(˘)	(ˆ)	(˝)	(,)	(Q)	(k)	(.)	(-)	(˘)	(?)
a	A														
b	B														
c	C														
č	Č														
ć	Ć														
d	D														
e	E														
ě	Ě														
f	F														
g	G														
h	H														
ch	Ch	CH													
i	I														
j	J														
k	K														
ł	Ł														
l	L														
m	M														
n	N														
ń	Ń														
o	O														
p	P														
q	Q														
r	R														
ř	Ř														
s	S														
š	Š														
ś	Ś														
t	T														
u	U														
v	V														
w	W														
x	X														
y	Y														
z	Z														
ž	Ž														
ž	Ž														

Ligatures

‘ß’ is sorted like ‘s s’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’



## 1.4.5 Polish

### Alphabet

(˘) (˙) (˚) (ˇ) (ˆ) (˜) (˚) (¨) (,) (ł) (k) (') (-) (ˉ) (?)  
a A  
ą Ą  
b B  
c C  
ć Ć  
d D  
e E  
ę Ę  
f F  
g G  
h H  
i I  
j J  
k K  
l L  
ł Ł  
m M  
n N  
ń Ń  
o O  
ó Ó  
p P  
q Q  
r R  
s S  
ś Ś  
t T  
u U  
v V  
w W  
x X  
y Y  
z Z  
ż Ż  
ź Ź

### Ligatures

‘ŋ’ is sorted like ‘ss’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

## 1.4.6 Romanian

### Alphabet

	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )
a	A														
ă	Ă														
â	Â														
b	B														
c	C														
d	D														
e	E														
f	F														
g	G														
h	H														
i	I														
î	Î														
j	J														
k	K														
l	L														
m	M														
n	N														
o	O														
p	P														
q	Q														
r	R														
s	S														
ș	Ș														
t	T														
ț	Ț														
u	U														
v	V														
w	W														
x	X														
y	Y														
z	Z														

### Ligatures

None.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ' .

## 1.4.7 Slovak (small)

### Alphabet

	(ˇ)	(˘)	(`)	(˘)	(^)	(˘)	(˚)	(¨)	(,)	(.)	(k)	(.)	(-)	(ˉ)	(?)
a A	á Á	ä Ä													
b B															
c C	č Č														
d D	ď Ď														
e E	é É														
f F															
g G															
h H															
ch Ch CH															
i I	í Í														
j J															
k K															
l L	ĺ Ĺ	ľ Ľ													
m M															
n N	ň Ň														
o O	ó Ó	ô Ô													
p P															
q Q															
r R	ř Ř	ř Ř													
s S	š Š														
t T	ť Ť														
u U	ú Ú														
v V															
w W															
x X															
y Y	ý Ý														
z Z	ž Ž														

### Ligatures

‘ř’ is sorted like ‘ss’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

## 1.4.8 Slovak (large)

### Alphabet

	( <sup>˘</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>ˇ</sup> )	( <sup>ˆ</sup> )	( <sup>˜</sup> )	( <sup>◊</sup> )	( <sup>¨</sup> )	( <sub>˙</sub> )	Q	(k)	( <sup>˙</sup> )	(-)	( <sup>˘</sup> )	(?)
a A	á Á	ä Ä													
b B															
c C															
č Č															
d D															
ď Ď															
e E	é É														
f F															
g G															
h H															
ch Ch CH															
i I	í Í														
j J															
k K															
l L	ĺ Ĺ														
ľ Ľ															
m M															
n N															
ň Ň															
o O	ó Ó	ô Ô													
p P															
q Q															
r R	ř Ř														
ř Ř															
s S															
š Š															
t T															
ť Ľ															
u U	ú Ú														
v V															
w W															
x X															
y Y	ý Ý														
z Z															
ž Ž															

### Ligatures

‘k’ is sorted like ‘ss’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.9 Slovenian

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	Q	(k)	(˙)	(-)	(˘)	(?)
a	A														
b	B														
c	C														
č	Č	č	Č												
d	D	đ	Đ												
e	E														
f	F														
g	G														
h	H														
i	I														
j	J														
k	K														
l	L														
m	M														
n	N														
o	O														
p	P														
q	Q														
r	R														
s	S														
š	Š														
t	T														
u	U														
v	V														
w	W														
x	X														
y	Y														
z	Z														
ž	Ž														

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

## 1.4.10 Upper Sorbian

### Alphabet

(˘) (˙) (˚) (ˇ) (ˆ) (˜) (˚) (˝) (,) (Q) (k) (˙) (-) (˘) (?)

a A  
b B  
c C  
č Č  
d D  
dz Dž DŽ  
e E  
ě Ě  
f F  
g G  
h H  
ch Ch CH  
i I  
j J  
k K  
ł Ł  
l L  
m M  
n N  
ń Ń  
o O  
ó Ó  
p P  
q Q  
r R  
ř Ř  
s S  
š Š  
t T  
ć Ć  
u U  
v V  
w W  
x X  
y Y  
z Z  
ž Ž

### Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

# 1.5 Codepage 1250

## 1.5.1 Croatian

### Alphabet

	( <sup>˘</sup> )	( <sup>˙</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )
a	A													
b	B													
c	C													
č	Č													
ć	Ć													
d	D													
dž	Dž	Dž												
đ	Đ													
e	E													
f	F													
g	G													
h	H													
i	I													
j	J													
k	K													
l	L													
lj	Lj	Lj												
m	M													
n	N													
nj	Nj	Nj												
o	O													
p	P													
q	Q													
r	R													
s	S													
š	Š													
t	T													
u	U													
v	V													
w	W													
x	X													
y	Y													
z	Z													
ž	Ž													

### Ligatures

None.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - '

1.5.2 Czech

Alphabet

	(ˇ)	(˘)	(`)	(˘)	(^)	(˘)	(°)	(˝)	(,)	(ǻ)	(k)	(˙)	(-)	(˘)	(?)
a A	á Á	ä Ä													
b B															
c C															
č Č															
d D	ď Ď														
e E	é É	ě Ě													
f F															
g G															
h H															
ch Ch CH															
i I	í Í														
j J															
k K															
l L															
m M															
n N	ň Ň														
o O	ó Ó	ö Ö													
p P															
q Q															
r R															
ř Ř															
s S															
š Š															
t T	ť Ě														
u U	ú Ú	ů Ů	ü Ü												
v V															
w W															
x X															
y Y	ý Ÿ														
z Z															
ž Ž															

Ligatures

‘ř’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’



1.5.3 Hungarian

Alphabet

	(˘)	(˙)	(ˋ)	(ˊ)	(ˆ)	(˜)	(˚)	(¨)	(,)	(l)	(k)	(ˆ)	(-)	(˘)	(?)
a A	á Á														
b B															
c C															
cs Cs CS															
d D															
dz Dz DZ															
dzs Dzs DZs DZS															
e E	é É														
f F															
g G															
gy Gy GY															
h H															
i I	í Í														
j J															
k K															
l L															
ly Ly LY															
m M															
n N															
ny Ny NY															
o O	ó Ó														
ö Ö	ő Ő														
p P															
q Q															
r R															
s S															
sz Sz SZ															
t T															
ty Ty TY															
u U	ú Ú														
ü Ü	ű Ű														
v V															
w W															
x X															
y Y															
z Z															
zs Zs ZS															

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.4 Lower Sorbian

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(~)	(ˆ)	(¨)	(,)	(Q)	(k)	(.)	(-)	(ˉ)	(?)
a	A														
b	B														
c	C														
č	Č														
ć	Ć														
d	D														
e	E														
ě	Ě														
f	F														
g	G														
h	H														
ch	Ch	CH													
i	I														
j	J														
k	K														
ł	Ł														
l	L														
m	M														
n	N														
ń	Ń														
o	O														
p	P														
q	Q														
r	R														
ř	Ř														
s	S														
š	Š														
ś	Ś														
t	T														
u	U														
v	V														
w	W														
x	X														
y	Y														
z	Z														
ž	Ž														
ź	Ź														

Ligatures

‘ß’ is sorted like ‘s s’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.5 Polish

Alphabet

	(˘)	(˙)	(ˋ)	(ˊ)	(ˆ)	(˜)	(˚)	(¨)	(,)	(.)	(k)	(˙)	(-)	(ˉ)	(?)
a	A														
ą	Ą														
b	B														
c	C														
ć	Ć														
d	D														
e	E														
ę	Ę														
f	F														
g	G														
h	H														
i	I														
j	J														
k	K														
l	L														
ł	Ł														
m	M														
n	N														
ń	Ń														
o	O														
ó	Ó														
p	P														
q	Q														
r	R														
s	S														
ś	Ś														
t	T														
u	U														
v	V														
w	W														
x	X														
y	Y														
z	Z														
ź	Ź														
ż	Ż														

Ligatures

‘ł’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.6 Slovak (large)

Alphabet

	(ˇ)	(˘)	(˙)	(˚)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(.)	(-)	(~)	(?)
a A	á Á	ä Ä													
b B															
c C															
č Č															
d D															
ď Ď															
e E	é É														
f F															
g G															
h H															
ch Ch CH															
i I	í Í														
j J															
k K															
l L	ĺ Ĺ														
ľ Ľ															
m M															
n N															
ň Ň															
o O	ó Ó	ô Ô													
p P															
q Q															
r R	ř Ř														
ř Ř															
s S															
š Š															
t T															
ť Ľ															
u U	ú Ú														
v V															
w W															
x X															
y Y	ý Ý														
z Z															
ž Ž															

Ligatures

‘ř’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

## 1.5.7 Slovak (small)

### Alphabet

	(ˇ)	(˘)	(`)	(˘)	(^)	(˘)	(˚)	(¨)	(,)	(.)	(k)	(.)	(-)	(ˉ)	(?)
a A	á Á	ä Ä													
b B															
c C	č Č														
d D	ď Ď														
e E	é É														
f F															
g G															
h H															
ch Ch CH															
i I	í Í														
j J															
k K															
l L	ĺ Ĺ	ľ Ľ													
m M															
n N	ň Ň														
o O	ó Ó	ô Ô													
p P															
q Q															
r R	ř Ř	ř Ř													
s S	š Š														
t T	ť Ĥ														
u U	ú Ú														
v V															
w W															
x X															
y Y	ý Ÿ														
z Z	ž Ž														

### Ligatures

‘ř’ is sorted like ‘ss’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.8 Slovenian

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	Q	(k)	(˙)	(-)	(˘)	(?)
a	A														
b	B														
c	C														
č	Č	č	Č												
d	D	đ	Đ												
e	E														
f	F														
g	G														
h	H														
i	I														
j	J														
k	K														
l	L														
m	M														
n	N														
o	O														
p	P														
q	Q														
r	R														
s	S														
š	Š														
t	T														
u	U														
v	V														
w	W														
x	X														
y	Y														
z	Z														
ž	Ž														

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

## 1.5.9 Upper Sorbian

### Alphabet

(˘) (˙) (˚) (ˇ) (ˆ) (˜) (˚) (¨) (,) (Q) (k) (˙) (-) (˘) (?)

a A  
b B  
c C  
č Č  
d D  
dz Dž DŽ  
e E  
ě Ě  
f F  
g G  
h H  
ch Ch CH  
i I  
j J  
k K  
ł Ł  
l L  
m M  
n N  
ń Ń  
o O  
ó Ó  
p P  
q Q  
r R  
ř Ř  
s S  
š Š  
t T  
ć Ć  
u U  
v V  
w W  
x X  
y Y  
z Z  
ž Ž

### Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

# 1.6 Codepage latin3

## 1.6.1 Esperanto

### Alphabet

	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)
a	A														
b	B														
c	C														
ĉ	Ĉ														
d	D														
e	E														
f	F														
g	G														
ĝ	Ĝ														
h	H														
ĥ	Ĥ														
i	I														
j	J														
ĵ	Ĵ														
k	K														
l	L														
m	M														
n	N														
o	O														
p	P														
q	Q														
r	R														
s	S														
ŝ	Ŝ														
t	T														
u	U														
ŭ	Ŭ														
v	V														
w	W														
x	X														
y	Y														
z	Z														

### Ligatures

‘ŝ’ is sorted like ‘s s’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’



1.6.2 Turkish

Alphabet

	(^)	(')	(`)	(~)	(^)	(~)	(^)	(")	(,)	(Q)	(k)	(.)	(-)	(~)	(?)
a A	â Â														
b B															
c C															
ç Ç															
d D															
e E															
f F															
g G															
ğ Ğ															
h H															
ı I															
i İ															
j J															
k K															
l L															
m M															
n N															
o O															
ö Ö															
p P															
q Q															
r R															
s S															
ş Ş															
t T															
u U	û Û														
ü Ü															
v V															
w W															
x X															
y Y															
z Z															

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - '

# 1.7 Codepage latin4

## 1.7.1 Greek (ISO transliteration, for western languages)

### Alphabet

	(˘)	(´)	(ˆ)	(˜)	(^)	(~)	(°)	(¨)	(,)	(\)	(k)	(.)	(-)	(ˉ)	(?)
aA															
bB															
dD															
eE	ē	Ē													
fF															
gG															
hH															
iI															
kK															
lL															
mM															
nN															
oO	ō	Ō													
pP															
rR															
sS															
tT															
uU															
xX															
zZ															

### Ligatures

None.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.7.2 Latvian

Alphabet

	( ˇ )	( ´ )	( ` )	( ˘ )	( ^ )	( ~ )	( ° )	( ¨ )	( , )	Q	( k )	( ´ )	( - )	( ˇ )	( ? )
a A	ā Ā														
b B															
c C															
č Č															
d D															
e E	ē Ē														
f F															
g G															
ģ Ģ															
h H															
i I	y Y	ī Ī													
j J															
k K															
ķ Ķ															
l L															
ļ Ļ															
m M															
n N															
ņ Ņ															
o O	ō Ō														
p P															
q Q															
r R															
ŗ Ŗ															
s S															
š Š															
t T															
u U	ū Ū														
v V															
w W															
x X															
z Z															
ž Ž															

Ligatures

‘ķ’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.7.3 Lithuanian

Alphabet

	( ˇ )	( ˆ )	( ˘ )	( ˙ )	( ˚ )	( ˇ )	( ˚ )	( ˘ )	( ˙ )	( ˚ )	( ˘ )	( ˙ )	( ˚ )	( ˘ )	( ˙ )
a A	ą Ą														
b B															
c C	ch Ch CH														
č Č															
d D															
e E	ę Ė														
f F															
g G															
h H															
i I	į Į													y Y	
j J															
k K															
l L															
m M															
n N															
o O															
p P															
q Q															
r R															
s S															
š Š															
t T															
u U	ų Ū													ū Ū	
v V															
w W															
x X															
z Z															
ž Ž															

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

# 1.8 Codepage latin5

## 1.8.1 Kurdish (Bedirxan)

### Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(ˆ)	(˜)	(˚)	(˝)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a	A														
b	B														
c	C														
ç	Ç														
d	D														
e	E														
ê	Ê														
f	F														
g	G														
h	H														
i	I														
î	Î														
j	J														
k	K														
l	L														
m	M														
n	N														
o	O														
p	P														
r	R														
s	S														
ş	Ş														
t	T														
u	U														
û	Û														
v	V														
w	W														
x	X														
y	Y														
z	Z														

### Ligatures

None.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.8.2 Kurdish (Turkish i)

Alphabet

	(˘)	(˙)	(ˆ)	(˜)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(¯)	(?)
a	A														
b	B														
c	C														
ç	Ç														
d	D														
e	E														
ê	Ê														
f	F														
g	G														
h	H														
ı	I														
i	İ														
j	J														
k	K														
l	L														
m	M														
n	N														
o	O														
p	P														
r	R														
s	S														
ş	Ş														
t	T														
u	U														
û	Û														
v	V														
w	W														
x	X														
y	Y														
z	Z														

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.8.3 Turkish

Alphabet

	(^)	(')	(`)	(~)	(^)	(~)	(^)	(")	(,)	(Q)	(k)	(.)	(-)	(~)	(?)
a A	â Â														
b B															
c C															
ç Ç															
d D															
e E															
f F															
g G															
ğ Ğ															
h H															
ı I															
i İ															
j J															
k K															
l L															
m M															
n N															
o O															
ö Ö															
p P															
q Q															
r R															
s S															
ş Ş															
t T															
u U	û Û														
ü Ü															
v V															
w W															
x X															
y Y															
z Z															

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - '

# 1.9 Codepage latin9

## 1.9.1 Danish

### Alphabet

	( <sup>˘</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>ˇ</sup> )	( <sup>˘</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>˘</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>˘</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>˘</sup> )
a A	á Á	à À	â Â											
b B														
c C	ç Ç													
d D	ð Ð													
e E	é É	è È	ê Ê	ë Æ										
f F														
g G														
h H														
i I	í Í													
j J														
k K														
l L														
m M														
n N														
o O	ó Ó	ô Ô												
p P														
q Q														
r R														
s S														
t T														
u U	ú Ú													
v V														
w W														
x X														
y Y	ý Ý	ÿ Ü												
z Z														
æ Æ														
ø Ø	ö Ö	œ Œ												
å Å	aa Aa AA													

### Ligatures

‘p’ is sorted like ‘t h’, but *after* it in otherwise equal words.  
‘P’ is sorted like ‘T h’, but *after* it in otherwise equal words.

### Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

### Special characters

The order of special characters and letters is:

? ! . letters - ’



1.9.2 English

Alphabet

	(˘)	(˙)	(ˆ)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(0)	(k)	(˙)	(-)	(˘)	(?)
a A	à À														
b B															
c C	ç Ç														
d D	ð Ð														
e E	é É	è È	ë Ë	ê Ê											
f F															
g G															
h H															
i I	ï Ì														
j J															
k K															
l L															
m M															
n N	ñ Ñ														
o O	ö Ö	ô Ô													
p P															
q Q															
r R															
s S															
t T															
u U															
v V															
w W															
x X															
y Y															
z Z															
þ Þ															

Ligatures

- ‘æ’ is sorted like ‘a e’, but *after* it in otherwise equal words.
- ‘Æ’ is sorted like ‘A e’, but *after* it in otherwise equal words.
- ‘ $\frac{1}{2}$ ’ is sorted like ‘o e’, but *after* it in otherwise equal words.
- ‘ $\frac{1}{4}$ ’ is sorted like ‘O e’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppcase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.3 Estonian

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(l)	(k)	(‘)	(-)	(˘)	(?)
a	A														
b	B														
c	C														
d	D														
e	E														
f	F														
g	G														
h	H														
i	I														
j	J														
k	K														
l	L														
m	M														
n	N														
o	O														
p	P														
q	Q														
r	R														
s	S														
š	Š														
z	Z														
ž	Ž														
t	T														
u	U														
v	V	w	W												
õ	Õ														
ä	Ä														
ö	Ö														
ü	Ü														
x	X														
y	Y														

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercased words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.4 Finnish

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(˘)	(˚)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a A															
b B															
c C															
d D															
e E	é É														
f F															
g G															
h H															
i I															
j J															
k K															
l L															
m M															
n N															
o O															
p P															
q Q															
r R															
s S	š Š														
t T															
u U															
v V	w W														
x X															
y Y	ü Ü														
z Z	ž Ž														
å Å															
ä Ä	æ Æ														
ö Ö	ø Ø	õ Õ													

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *after* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.5 French

Alphabet

	(˘)	(˙)	(˘)	(˘)	(ˆ)	(˜)	(˚)	(¨)	(,)	(.)	(k)	(˙)	(-)	(ˉ)	(?)
a A	â Â	à À	ä Ä												
b B															
c C	ç Ç														
d D															
e E	é É	ê Ê	è È	ë Ë											
f F															
g G															
h H															
i I	î Î	ï Ï													
j J															
k K															
l L															
m M															
n N	ñ Ñ														
o O	ô Ô	ö Ö													
p P															
q Q															
r R															
s S															
t T															
u U	û Û	ù Ù	ü Ü												
v V															
w W															
x X															
y Y	ÿ Ÿ														
z Z															

Ligatures

- ‘æ’ is sorted like ‘a e’, but *after* it in otherwise equal words.
- ‘Æ’ is sorted like ‘A e’, but *after* it in otherwise equal words.
- ‘ $\frac{1}{2}$ ’ is sorted like ‘o e’, but *after* it in otherwise equal words.
- ‘ $\frac{1}{4}$ ’ is sorted like ‘O e’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.6 A general sorting order for Western European languages

Alphabet

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
a A	á Á	à À	â Â	ã Ã	ä Ä	å Å	ä Ä				Q	(k)	(˙)	(-)	(˘)
b B															
c C	ç Ç														
d D															
e E	é É	è È	ê Ê	ë Ë											
f F															
g G															
h H															
i I	í Í	ì Ì	î Î	ï Ï											
j J															
k K															
l L															
m M															
n N	ñ Ñ														
o O	ó Ó	ò Ò	ô Ô	õ Õ	ö Ö	ø Ø									
p P															
q Q															
r R															
s S	š Š														
t T															
u U	ú Ú	ù Ù	û Û	ü Ü											
v V															
w W															
x X															
y Y	ý Ý	ÿ Ÿ													
z Z	ž Ž														

Ligatures

- ‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.
- ‘æ’ is sorted like ‘ae’, but *after* it in otherwise equal words.
- ‘Æ’ is sorted like ‘Ae’, but *after* it in otherwise equal words.
- ‘½’ is sorted like ‘oe’, but *after* it in otherwise equal words.
- ‘¼’ is sorted like ‘Oe’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.7 Icelandic

Alphabet

	(˘)	(˙)	(˘)	(˘)	(ˆ)	(˘)	(˚)	(¨)	(.)	(Q)	(k)	(˙)	(-)	(ˉ)	(?)
a A	á Á														
b B															
c C															
d D															
ð Ð															
e E	ë Ë	é É													
f F															
g G															
h H															
i I	í Í														
j J															
k K															
l L															
m M															
n N															
o O	ó Ó														
p P															
q Q															
r R															
s S															
t T															
u U	ü Ü	ú Ú													
v V															
w W															
x X															
y Y	ý Ý														
z Z															
þ Þ															
æ Æ	œ Æ	ä Ä													
ö Ö	ø Ø														
å Å															

Ligatures

‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.8 Swedish

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a A	á Á	à À	â Â												
b B															
c C	ç Ç														
d D	ð Ð														
e E	é É	è È	ê Ê	ë Ë											
f F															
g G															
h H															
i I	í Í	ì Î	î Ï												
j J															
k K															
l L															
m M															
n N	ñ Ñ														
o O	ó Ó	ò Ò	ô Ô												
p P															
q Q															
r R															
s S	š Š														
t T															
u U	ú Ú	ù Û	û Ü												
v V	w W														
x X															
y Y	ý Ý	ÿ Ÿ													
z Z															
å Å															
ä Ä	æ Æ														
ö Ö	ø Ø														

Ligatures

‘k’ is sorted like ‘s’s’, but *after* it in otherwise equal words.

Upper-/lowercase words

Capitalized or uppercase words are sorted *after* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

# Chapter 2

## Cyrillic scripts

### 2.1 Codepage 1251

#### 2.1.1 Belarusian

**Alphabet**

	( <sup>˘</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>˛</sup> )	( <sup>˜</sup> )	( <sup>˝</sup> )	( <sup>ˆ</sup> )	( <sup>˜</sup> )	( <sup>˚</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )
а	А														
б	Б														
в	В														
г	Г														
д	Д														
е	Е	ё	Ё												
ж	Ж														
з	З														
и	И														
і	І														
й	Й														
к	К														
л	Л														
м	М														
н	Н														
о	О														
п	П														
р	Р														
с	С														
т	Т														
у	У														
ў	Ў														
ф	Ф														
х	Х														
ц	Ц														
ч	Ч														
ш	Ш														
щ	Щ														
ъ	Ъ														
ы	Ы														
ь	Ь														
э	Э														
ю	Ю														
я	Я														

**Ligatures**

None.

**Upper-/lowercase words**

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.



## Special characters

The order of special characters and letters is:

? ! . letters - ' ,

2.1.2 Bulgarian

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(ł)	(k)	(˙)	(-)	(˘)	(?)
a	A														
б	Б														
в	В														
г	Г														
д	Д														
е	Е														
ж	Ж														
з	З														
и	И														
й	Й														
к	К														
л	Л														
м	М														
н	Н														
о	О														
п	П														
р	Р														
с	С														
т	Т														
у	У														
ф	Ф														
х	Х														
ц	Ц														
ч	Ч														
ш	Ш														
щ	Щ														
ъ	Ъ														
ь	Ь														
ю	Ю														
я	Я														

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.3 Macedonian

Alphabet

	( ˇ )	( ´ )	( ` )	( ˘ )	( ^ )	( ~ )	( ° )	( ¨ )	( , )	( 0 )	( k )	( ´ )	( - )	( ˇ )	( ? )
a A															
б Б															
в В															
г Г															
д Д															
ѓ Ѓ															
е Е															
ж Ж															
з З															
с С															
и И															
ј Ј															
к К															
л Л															
љ Љ															
м М															
н Н															
њ Њ															
о О															
п П															
р Р															
с С															
т Т															
ќ Ќ															
у У															
ф Ф															
х Х															
ц Ц															
ч Ч															
џ Џ															
ш Ш															

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.4 Russian

Alphabet

	( <sup>~</sup> )	( <sup>˙</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>ˆ</sup> )	( <sup>˘</sup> )	( <sup>˚</sup> )	( <sup>¨</sup> )	( <sub>˙</sub> )	Q	(k)	( <sup>˙</sup> )	(-)	( <sup>˘</sup> )	(?)
а	А														
б	Б														
в	В														
г	Г														
д	Д														
е	Е	ё	Ё												
ж	Ж														
з	З														
и	И														
й	Й														
к	К														
л	Л														
м	М														
н	Н														
о	О														
п	П														
р	Р														
с	С														
т	Т														
у	У														
ф	Ф														
х	Х														
ц	Ц														
ч	Ч														
ш	Ш														
щ	Щ														
ъ	Ъ														
ы	Ы														
ь	Ь														
э	Э														
ю	Ю														
я	Я														

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.5 Serbian

Alphabet

	(˘)	(´)	(˘)	(˘)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(.)	(-)	(~)	(?)
a	A														
б	Б														
в	В														
г	Г														
д	Д														
ђ	Ђ														
е	Е														
ж	Ж														
з	З														
и	И														
ј	Ј														
к	К														
л	Л														
љ	Љ														
м	М														
н	Н														
њ	Њ														
о	О														
п	П														
р	Р														
с	С														
т	Т														
ћ	Ћ														
у	У														
ф	Ф														
х	Х														
ц	Ц														
ч	Ч														
џ	Џ														
ш	Ш														

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.6 Ukrainian

Alphabet

	( <sup>~</sup> )	( <sup>˙</sup> )	( <sup>˘</sup> )	( <sup>˘</sup> )	( <sup>ˆ</sup> )	( <sup>˘</sup> )	( <sup>˚</sup> )	( <sup>¨</sup> )	( <sub>˙</sub> )	( <sub>˘</sub> )	( <sub>k</sub> )	( <sup>˙</sup> )	( <sup>-</sup> )	( <sup>-</sup> )	( <sup>?</sup> )
a A															
б Б															
в В															
г Г															
г Г															
д Д															
е Е	ë Ë														
є Є															
ж Ж															
з З															
и И															
і І															
ї І															
й Й															
к К															
л Л															
м М															
н Н															
о О															
п П															
р Р															
с С															
т Т															
у У															
ф Ф															
х Х															
ц Ц															
ч Ч															
ш Ш															
щ Щ															
ъ Ъ															
ы Ы															
э Э															
ю Ю															
я Я															
ь Ь															

Ligatures

None.

Upper-/lowercase words

Capitalized or uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’