

Alphabets

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Chapter 1

Latin scripts

1.1 Codepage 1252

1.1.1 Danish

Alphabet

	(´)	(˘)	(˙)	(¨)	(˚)	(ˇ)	(ˆ)	(˜)	(˝)	(,)	(Q)	(k)	(i)	(-)	(=)	(?)
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

	(ˋ)	(ˊ)	(ˋ)	(ˋ)	(ˆ)	(˜)	(˚)	(¨)	(,)	(<u>)</u>	(k)	(ˊ)	(-)	(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 ‘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 - ’

1.1.1.5 French

Alphabet

	(˘)	(˙)	(˘)	(˘)	(ˆ)	(˘)	(˘)	(¨)	(,)	(.)	(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								
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)	(˙)	(-)	(¯)	(?)
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 - ’

1.1.8 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)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(.)	(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	LlLl													
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

	(˘)	(˙)	(˘)	(˘)	(ˆ)	(˘)	(˚)	(¨)	(,)	(.)	(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)	(^)	(~)	(°)	(¨)	(,)	()	(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)	(˜)	(˚)	(˝)	(,)	(Q)	(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 Î			
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 Ù												
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)	(˙)	(-)	(ˉ)	(?)
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

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

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
a A	á Á	à À	â Â	ã Ã	ä Ä	å Å	ä Ä							
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 Ô	ò Ò	ô Ô	õ Õ	ö Ö	ø Ø								
p P														
q Q														
r R														
s S														
t T														
u U	ú Ú	ù Ù	û Û	ü Ü										
v V														
w W														
x X														
y Y	ý Ý	ÿ												
z Z														

Ligatures

- ‘á’ is sorted like ‘s s’, but *after* it in otherwise equal words.
- “” is sorted like ‘a e’, but *after* it in otherwise equal words.
- ” is sorted like ‘A 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 - ’

1.4 Codepage latin2

1.4.1 Croatian

Alphabet

(˘) (˙) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘)

a A

b B

c C

č Č

ć Ć

d D

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)	(.)	(-)	(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 - ’

1.4.5 Polish

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(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

‘ŕ’ 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

	(˘)	(ˆ)	(ˆ)	(˘)	(ˆ)	(˘)	(ˆ)	(ˆ)	(,)	(Q)	(k)	(ˆ)	(-)	(˘)	(?)
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 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 - ’

1.4.8 Slovak (large)

Alphabet

	([˘])	([˙])	([˚])	(^ˇ)	(^ˆ)	([˜])	([◊])	([¨])	(_˘)	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 Ť															
u U	ú Ú														
v V															
w W															
x X															
y Y	ý Ý														
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 - ’

1.4.9 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

	([˘])	([˙])	([˚])	(^ˇ)	(^ˆ)	([˜])	([◌])	([˝])	(^ˆ)	([˙])	([˚])	([˜])	(^ˆ)	([˙])	([˚])
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														
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 - ’

1.5.5 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
ź Ź
ż Ż

Ligatures

‘ŕ’ 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)	(ˆ)	(-)	(˘)	(?)
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 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 - ’

1.5.8 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

	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)
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)	(˙)	(-)	(˘)	(?)
a A															
b B															
d D															
e E	ē	Ē													
f F															
g G															
h H															
i I															
k K															
l L															
m M															
n N															
o O	ō	Ō													
p P															
r R															
s S															
t T															
u U															
x X															
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 - ’

1.7.2 Latvian

Alphabet

	(ˇ)	(´)	(˘)	(˙)	(^)	(~)	(°)	(¨)	(,)	(ł)	(k)	(.)	(-)	(ˉ)	(?)
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)	(˚)	(˚)	(,)	(Ų)	(k)	(ė)	(-)	(˘)	(?)
a A	ą Ą														
b B															
c C	ch Ch CH														
č Č															
d D															
e E	ę Ė											ė 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 Ų											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

	(˘)	(˙)	(˚)	(ˇ)	(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

	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)	(^)
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

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(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 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)	(^)	(~)	(°)	(¨)	(,)	(Q)	(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 uppercase 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

	([˘])	([˙])	([˚])	(^ˇ)	(^ˆ)	([˜])	([˚])	([¨])	([,])	Q	(k)	([˙])	(-)	(^ˉ)	(?)
a	A														
б	Б														
в	В														
г	Г														
д	Д														
е	Е	ë	Ë												
ж	Ж														
з	З														
и	И														
i	I														
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

	([~])	([˘])	([˙])	([˘])	(^ˆ)	([˘])	([˚])	([¨])	([˙])	Q	(k)	([˙])	(-)	([˘])	(?)
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

	(˘)	(´)	(ˆ)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(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

	(˘)	(˙)	(˚)	(ˇ)	(^)	(˘)	(˚)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(˘)	(?)
a	A														
б	Б														
в	В														
г	Г														
г	Ґ														
д	Д														
е	Е	є	Є												
є	Є														
ж	Ж														
з	З														
и	И														
і	І														
ї	Ї														
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 - ’