

Alphabets

Generated by make-rules.pl

May 3, 2011

1	Latin scripts	2
1.1	Codepage 1252	2
1.1.1	Danish	2
1.1.2	English	4
1.1.3	Estonian	5
1.1.4	Finnish	6
1.1.5	French	7
1.1.6	A general sorting order for Western European languages	8
1.1.7	Icelandic	9
1.1.8	Swedish	10
1.2	Codepage latin1	11
1.2.1	Albanian	11
1.2.2	Dutch (Ligature IJ sorted as I+J)	12
1.2.3	German (DIN 5007)	13
1.2.4	German (Duden)	14
1.2.5	Italian	15
1.2.6	Norwegian	16
1.2.7	Portuguese	17
1.2.8	Spanish (modern)	18
1.2.9	Spanish (traditional)	19
1.3	Codepage 850	20
1.3.1	A general sorting order for Western European languages	20
1.4	Codepage latin2	21
1.4.1	Croatian	21
1.4.2	Czech	22
1.4.3	Hungarian	23
1.4.4	Lower Sorbian	24
1.4.5	Polish	25
1.4.6	Romanian	26
1.4.7	Slovak (small)	27
1.4.8	Slovak (large)	28
1.4.9	Slovenian	29
1.4.10	Upper Sorbian	30
1.5	Codepage 1250	31
1.5.1	Croatian	31
1.5.2	Czech	32
1.5.3	Hungarian	33
1.5.4	Lower Sorbian	34
1.5.5	Polish	35
1.5.6	Slovak (large)	36
1.5.7	Slovak (small)	37
1.5.8	Slovenian	38
1.5.9	Upper Sorbian	39
1.6	Codepage latin3	40
1.6.1	Esperanto	40
1.6.2	Turkish	41

1.7	Codepage latin4	42
1.7.1	Greek (ISO transliteration, for western languages)	42
1.7.2	Latvian	43
1.7.3	Lithuanian	44
1.8	Codepage latin5	45
1.8.1	Kurdish (Bedirxan)	45
1.8.2	Kurdish (Turkish i)	46
1.8.3	Turkish	47
1.9	Codepage latin9	48
1.9.1	Danish	48
1.9.2	English	49
1.9.3	Estonian	50
1.9.4	Finnish	51
1.9.5	French	52
1.9.6	A general sorting order for Western European languages	53
1.9.7	Icelandic	54
1.9.8	Swedish	55
2	Cyrillic scripts	56
2.1	Codepage 1251	56
2.1.1	Belarusian	56
2.1.2	Bulgarian	58
2.1.3	Macedonian	59
2.1.4	Russian	60
2.1.5	Serbian	61
2.1.6	Ukrainian	62

Chapter 1

Latin scripts

1.1 Codepage 1252

1.1.1 Danish

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(ˆ)	(˜)	(°)	(¨)	(,)	(Q)	(k)	(.)	(-)	(ˉ)	(?)
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														
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

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

‘Ð’ 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

? ! . letters - ' ,

1.1.2 English

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(ˆ)	(˜)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(¯)	(?)
a A	à À														
b B															
c C	ç Ç														
d D	ð Ð														
e E	é Ê	è Ë	ë Ë	ê Ê											
f F															
g G															
h H															
i I	ï Ï														
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 uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.3 Estonian

Alphabet

	(˜)	(´)	(˘)	(˙)	(˚)	(ˇ)	(°)	(¨)	(,)	(.)	(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 - ’

1.1.4 Finnish

Alphabet

	(ˇ)	(´)	(`)	(˘)	(^)	(~)	(°)	(¨)	(,)	(Œ)	(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 - ’

1.1.5 French

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(^)	(˜)	(°)	(¨)	(,)	(Q)	(k)	(ˆ)	(-)	(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.
‘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

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˚)	(˝)	(,)	(.)	(k)	(ˆ)	(-)	(˘)	(?)
a A	á Á	à À	â Â	ã Ã	ä Ä	å Å									
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 Î	î 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												
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 - ’

1.1.7 Icelandic

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(.)	(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 Œ	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)	(ˆ)	(˜)	(°)	(¨)	(,)	(k)	(˙)	(-)	(ˉ)	(?)
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

‘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 Codepage latin1

1.2.1 Albanian

Alphabet

	(~)	(˘)	(ˆ)	(ˇ)	(^)	(˜)	(°)	(¨)	(,)	(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	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)	(^)	(~)	(°)	(¨)	(,)	(0)	(k)	(.)	(-)	(ˉ)	(?)
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 Ì														
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

	(~)	(')	(^)	(v)	(^)	(~)	(^)	(")	(,)	(.)	(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															
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 ‘a e’, but *after* it in otherwise equal words.
‘Ä’ is sorted like ‘A e’, but *after* it in otherwise equal words.
‘ö’ is sorted like ‘o e’, but *after* it in otherwise equal words.
‘Ö’ is sorted like ‘O e’, but *after* it in otherwise equal words.
‘ü’ is sorted like ‘u e’, but *after* it in otherwise equal words.
‘Ü’ is sorted like ‘U 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 - ’

1.2.4 German (Duden)

Alphabet

	¨	´	˘	˙	˚	˛	°	¨	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ	ˆ
a A								ä Ä							
b B															
c C															
d D															
e E		é Ê													
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 uppercase 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)	(˙)	(-)	(ˉ)	(?)
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 uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.6 Norwegian

Alphabet

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

	(˘)	(˘)	(˘)	(˘)	(ˆ)	(˜)	(˚)	(¨)	(,)	(ç)	(k)	(ı)	(-)	(~)	(?)
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 Î													
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	û Û	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)	(˜)	(◌)	(◌)	(◌)	(◌)	(◌)	(◌)	(◌)	(◌)	(◌)	(◌)
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

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
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)	(.)	(-)	(˘)	(?)
a A	á Á	à À	â Â	ã Ã	ä Ä	å Å									
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 Î	î Ï	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															
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 ‘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

	([˘])	([˙])	(^ˆ)	(^ˇ)	([˘])	([˙])	(^ˆ)	([˘])	([˙])	(^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 - ' ,

1.4.2 Czech

Alphabet

	(ˇ)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(k)	(˘)	(-)	(-)	(?)
a A	á Ā	ä Ä													
b B															
c Č															
č Č															
d D	ď Ď														
e E	é Ě	ě Ě													
f F															
g G															
h H															
ch Ch CH															
i I	í Ī														
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 Ť														
u U	ú Ú	ů Ů	ü Ü												
v V															
w W															
x X															
y Y	ý Ý														
z Z															
ž Ž															

Ligatures

‘š’ 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

	(˘)	(˙)	(ˆ)	(ˇ)	(˘)	(˘)	(˚)	(¨)	(,)	(.)	(k)	(˙)	(-)	(ˉ)	(?)
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)	(˜)	(°)	(¨)	(,)	(.)	(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 ‘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 - ’

1.4.5 Polish

Alphabet

	(~)	(˘)	(˙)	(ˇ)	(^)	(˘)	(˚)	(¨)	(,)	Q	(k)	(˙)	(-)	(¯)	(?)
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

‘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

	(~)	(')	(')	(~)	(^)	(~)	(°)	(")	(,)	Q	(k)	(')	(-)	(-)	(?)
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 Ě														
f F															
g G															
h H															
ch Ch CH															
i I	í Ĭ														
j J															
k K															
l L	ĺ Ľ	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 ‘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 - ’

1.4.8 Slovak (large)

Alphabet

	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
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 ‘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 - ’

1.4.9 Slovenian

Alphabet

	([~])	([˙])	([˘])	(^ˇ)	(^ˆ)	([˜])	([°])	([¨])	([,])	(^Q)	(^k)	([˙])	(⁻)	(^ˉ)	([?])
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)	(˜)	(°)	(¨)	(,)	(.)	(k)	(.)	(-)	(ˉ)	(?)
a	A														
b	B														
c	C														
č	Č														
d	D														
dž	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)	([˘])	(^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)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(k)	(˘)	(-)	(-)	(?)
a A	á Ā	ä Ä													
b B															
c Č															
č Č															
d D	ď Ď														
e E	é Ě	ě Ě													
f F															
g G															
h H															
ch Ch CH															
i I	í Ī														
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 Ť														
u U	ú Ú	ů Ů	ü Ü												
v V															
w W															
x X															
y Y	ý Ý														
z Z															
ž Ž															

Ligatures

‘š’ 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

	(˘)	(˙)	(˚)	(ˇ)	(˘)	(˘)	(˚)	(˘)	(,)	(.)	(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 - ' ,

1.5.4 Lower Sorbian

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(ˆ)	(˜)	(°)	(¨)	(,)	(.)	(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 ‘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 - ’

1.5.5 Polish

Alphabet

	(~)	(˘)	(˙)	(ˇ)	(^)	(˘)	(˚)	(¨)	(,)	Q	(k)	(˙)	(-)	(¯)	(?)
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

‘ŝ’ 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

	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
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														
l 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 ‘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 - ’

1.5.7 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 Ě														
f F															
g G															
h H															
ch Ch CH															
i I	í Ĭ														
j J															
k K															
l L	ĺ Ľ	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 ‘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 - ’

1.5.8 Slovenian

Alphabet

	([~])	([˙])	([˘])	(^ˇ)	(^ˆ)	([˜])	([°])	([¨])	([,])	(^Q)	(^k)	([˙])	(⁻)	(^ˉ)	([?])
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)	(˜)	(°)	(¨)	(,)	(.)	(k)	(.)	(-)	(ˉ)	(?)
a	A														
b	B														
c	C														
č	Č														
d	D														
dž	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

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

1.6.2 Turkish

Alphabet

	(˘)	(˙)	(¨)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(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

	(~)	(˘)	(˙)	(¨)	(^)	(~)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(¯)	(?)
a A															
b B															
d D															
e E															
f F															
g G															
h H															
i I															
k K															
l L															
m M															
n N															
o O															
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)	(ˆ)	(˜)	(°)	(¨)	(,)	(.)	(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

‘š’ 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

	(˘)	(˙)	(ˆ)	(ˇ)	(^)	(~)	(°)	(¨)	(,)	(ł)	(k)	(˙)	(-)	(¯)	(?)
a A	ą Ą														
b B															
c C	ch Ch CH														
č Č															
d D															
e E	ė 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)	(˜)	(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

	(˘)	(´)	(˘)	(˘)	(ˆ)	(˘)	(°)	(¨)	(,)	(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

	(˘)	(˙)	(¨)	(ˇ)	(^)	(˘)	(°)	(¨)	(,)	(j)	(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														
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 Æ													
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

	(˘)	(˙)	(¨)	(ˇ)	(ˆ)	(˜)	(°)	(¨)	(,)	(.)	(k)	(˙)	(-)	(¯)	(?)
a A	à À														
b B															
c C	ç Ç														
d D	ð Ð														
e E	é Ê	è Ë	ë Ë	ê Ê											
f F															
g G															
h H															
i I	ï Ï														
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 uppercase words are sorted *before* otherwise equal lowercase words.

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.3 Estonian

Alphabet

	(˜)	(´)	(˘)	(˙)	(˚)	(˛)	(°)	(¨)	(,)	(.)	(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)	(´)	(`)	(˘)	(^)	(~)	(°)	(¨)	(,)	(Œ)	(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

	(˘)	(˙)	(¨)	(ˇ)	(^)	(˘)	(°)	(¨)	(,)	(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.

‘ $\frac{1}{2}$ ’ 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

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˚)	(˝)	(,)	(.)	(k)	(ˆ)	(-)	(˘)	(?)
a A	á Á	à À	â Â	ã Ã	ä Ä	å Å									
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 Î	î 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 Û	û 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.
- ‘ $\frac{1}{2}$ ’ is sorted like ‘oe’, but *after* it in otherwise equal words.
- ‘ $\frac{1}{4}$ ’ 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

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
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 Œ	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)	(ˆ)	(˜)	(°)	(¨)	(,)	(Q)	(k)	(˙)	(-)	(ˉ)	(?)
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

‘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 - ’

Chapter 2

Cyrillic scripts

2.1 Codepage 1251

2.1.1 Belarusian

Alphabet

	([˘])	([˙])	([˚])	(^ˇ)	(^ˆ)	([˜])	([˚])	([˝])	([˙])	([˚])	([˙])	([˚])	([˙])	([˚])	([˙])
а А															
б Б															
в В															
г Г															
д Д															
е Е													ë Ë		
ж Ж															
з З															
и И															
і І															
й Ё															
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

Special characters

The order of special characters and letters is:

? ! . letters - ' ,

2.1.2 Bulgarian

Alphabet

	(˘)	(˙)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
а	А														
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)	(ˆ)	(˜)	(°)	(¨)	(,)	(.)	(k)	(‘)	(-)	(ˉ)	(?)
a	A														
б	Б														
в	В														
г	Г														
д	Д														
ѓ	Ѓ														
e	E														
ж	Ж														
з	З														
s	S														
и	И														
j	J														
к	K														
л	Л														
љ	Љ														
м	M														
н	Н														
њ	Њ														
о	O														
п	П														
p	P														
c	C														
т	T														
ќ	Ќ														
y	У														
ф	Ф														
x	X														
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)	([˜])	([˚])	([˝])	([˙])	([˚])	([˛])	(^ˆ)	([˜])	([˚])
а А														
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														
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

	(˘)	(˙)	(˚)	(ˇ)	(ˆ)	(˜)	(°)	(¨)	(,)	(.)	(k)	(‘)	(-)	(ˉ)	(?)
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)	(^)	(~)	(°)	(¨)	(,)	(.)	(k)	(.)	(-)	(ˉ)	(?)
a A															
б Б															
в В															
г Г															
ґ 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 - ' ,