

# Alphabets

Generated by make-rules.pl  
October 25, 2015

<b>1</b>	<b>Latin scripts</b>	<b>2</b>
1.1	Codepage 1252	2
1.1.1	Danish	2
1.1.2	English	3
1.1.3	Estonian	4
1.1.4	Finnish	5
1.1.5	French	6
1.1.6	A general sorting order for Western European languages	7
1.1.7	Icelandic	8
1.1.8	Swedish	9
1.2	Codepage latin1	10
1.2.1	Albanian	10
1.2.2	Dutch (Ligature IJ sorted as I+J)	11
1.2.3	German (DIN 5007)	12
1.2.4	German (Duden)	13
1.2.5	Italian	14
1.2.6	Norwegian	15
1.2.7	Portuguese	16
1.2.8	Spanish (modern)	17
1.2.9	Spanish (traditional)	18
1.3	Codepage 850	19
1.3.1	A general sorting order for Western European languages	19
1.4	Codepage latin2	20
1.4.1	Croatian	20
1.4.2	Czech	21
1.4.3	Hungarian	22
1.4.4	Lower Sorbian	23
1.4.5	Polish	24
1.4.6	Romanian	25
1.4.7	Slovak (small)	26
1.4.8	Slovak (large)	27
1.4.9	Slovenian	28
1.4.10	Upper Sorbian	29
1.5	Codepage 1250	30
1.5.1	Croatian	30
1.5.2	Czech	31
1.5.3	Hungarian	32
1.5.4	Lower Sorbian	33
1.5.5	Polish	34
1.5.6	Slovak (large)	35
1.5.7	Slovak (small)	36
1.5.8	Slovenian	37
1.5.9	Upper Sorbian	38
1.6	Codepage latin3	39
1.6.1	Esperanto	39
1.6.2	Turkish	40
1.7	Codepage latin4	41
1.7.1	Greek (ISO transliteration, for western languages)	41

1.7.2	Latvian	42
1.7.3	Lithuanian	43
1.8	Codepage latin5	44
1.8.1	Kurdish (Bedirxan)	44
1.8.2	Kurdish (Turkish i)	45
1.8.3	Turkish	46
1.9	Codepage latin9	47
1.9.1	Danish	47
1.9.2	English	48
1.9.3	Estonian	49
1.9.4	Finnish	50
1.9.5	French	51
1.9.6	A general sorting order for Western European languages	52
1.9.7	Icelandic	53
1.9.8	Swedish	54
<b>2</b>	<b>Cyrillic scripts</b>	<b>55</b>
2.1	Codepage 1251	55
2.1.1	Belarusian	55
2.1.2	Bulgarian	57
2.1.3	Macedonian	58
2.1.4	Russian	59
2.1.5	Serbian	60
2.1.6	Ukrainian	61

# Chapter 1

## Latin scripts

### 1.1 Codepage 1252

#### 1.1.1 Danish

##### Alphabet

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

##### Ligatures

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

##### Upper-/lowercase words

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

##### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.2 English

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.1.3 Estonian

Alphabet

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

1.1.4 Finnish

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.1.5 French

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.6 A general sorting order for Western European languages

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’



1.1.1.7 Icelandic

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.1.8 Swedish

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

## 1.2 Codepage latin1

### 1.2.1 Albanian

#### Alphabet

	(˘)	(˙)	(ˆ)	(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	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)	(^)	(˘)	(˚)	(¨)	(,)	(.)	(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 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

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

#### Ligatures

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

#### Upper-/lowercase words

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

#### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.4 German (Duden)

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.5 Italian

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.6 Norwegian

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’



1.2.7 Portuguese

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.8 Spanish (modern)

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’



1.4.5 Polish

Alphabet

	(˘)	(˙)	(˚)	(ˇ)	(ˆ)	(˜)	(˚)	(¨)	(,)	(.)	(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

‘Œ’ 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)	(˘)	(,)	(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 uppercased 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 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 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)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)	(˘)
	á	Á	ä	Ä											
a A															
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	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

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

### Ligatures

None.

### Upper-/lowercase words

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

### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.2 Czech

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’



1.5.3 Hungarian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.4 Lower Sorbian

Alphabet

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

‘ŕ’ 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  
ż Ż  
ź Ź

### Ligatures

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

### Upper-/lowercase words

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

### Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.6 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

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - '

# 1.7 Codepage latin4

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

### Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.7.3 Lithuanian

Alphabet

	( ˇ )	( ˆ )	( ˘ )	( ˙ )	( ˚ )	( ˇ )	( ˚ )	( ˘ )	( , )	( 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

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.8.3 Turkish

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - '

# 1.9 Codepage latin9

## 1.9.1 Danish

### Alphabet

	( <sup>˘</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>˛</sup> )	( <sup>˜</sup> )	( <sup>˝</sup> )	( <sup>ˆ</sup> )	( <sup>˜</sup> )	( <sup>˚</sup> )	( <sup>˝</sup> )	( <sup>˙</sup> )	( <sup>˚</sup> )	( <sup>˛</sup> )	( <sup>˜</sup> )	( <sup>˚</sup> )	( <sup>˝</sup> )
a A	á Á	à À	â Â								å Å					
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 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 - ’



1.9.2 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

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.8 Swedish

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

# Chapter 2

## Cyrillic scripts

### 2.1 Codepage 1251

#### 2.1.1 Belarusian

**Alphabet**

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

**Ligatures**

None.

**Upper-/lowercase words**

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



## Special characters

The order of special characters and letters is:

? ! . letters - ' ,

2.1.2 Bulgarian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.3 Macedonian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.4 Russian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.5 Serbian

Alphabet

	(˘)	(´)	(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

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’