

Alphabets

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Chapter 1

Latin scripts

1.1 Codepage 1252

1.1.1 Danish

Alphabet

| | | | | | | | | | | | | | | | |
|----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (˘) | (˘) | (˘) | (˘) | (˘) | (˘) | (k) | (˘) | (-) | (˘) | (?) |
| aA | áÁ | àÀ | âÂ | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | çÇ | | | | | | | | | | | | | | |
| dD | ðÐ | | | | | | | | | | | | | | |
| eE | éÊ | èÈ | êÊ | ëË | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| oO | óÓ | ôÔ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | úÚ | | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | ÿÿ | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| æÆ | | | | | | | | | | | | | | | |
| øØ | öÖ | œœ | | | | | | | | | | | | | |
| åÅ | aa Aa AA | | | | | | | | | | | | | | |

Ligatures

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

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (◌˚) | (◌˝) | (◌˘) | (◌˙) | (◌˚) | (◌˛) | (◌˜) | (◌˘) | (◌˙) |
| a A | à Á | | | | | | | | | | | | | | |
| 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 | ó 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) (ˆ) (˜) (°) (¨) (,) (0) (k) (') (-) (ˉ) (?)
a A
b B
c C
d D
e E
f F
g G
h H
i I
j J
k K
l L
m M
n N
o O
p P
q Q
r R
s S
š Š
z Z
ž Ž
t T
u U
v V w W
õ Ö
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) | (ˆ) | (˜) | (˚) | (¨) | (,) | (Q) | (k) | (˙) | (-) | (¯) | (?) |
| a | A | | | | | | | | | | | | | | |
| b | B | | | | | | | | | | | | | | |
| c | C | | | | | | | | | | | | | | |
| d | D | | | | | | | | | | | | | | |
| e | E | é | É | | | | | | | | | | | | |
| f | F | | | | | | | | | | | | | | |
| g | G | | | | | | | | | | | | | | |
| h | H | | | | | | | | | | | | | | |
| i | I | | | | | | | | | | | | | | |
| j | J | | | | | | | | | | | | | | |
| k | K | | | | | | | | | | | | | | |
| l | L | | | | | | | | | | | | | | |
| m | M | | | | | | | | | | | | | | |
| n | N | | | | | | | | | | | | | | |
| o | O | | | | | | | | | | | | | | |
| p | P | | | | | | | | | | | | | | |
| q | Q | | | | | | | | | | | | | | |
| r | R | | | | | | | | | | | | | | |
| s | S | š | Š | | | | | | | | | | | | |
| t | T | | | | | | | | | | | | | | |
| u | U | | | | | | | | | | | | | | |
| v | V | w | W | | | | | | | | | | | | |
| x | X | | | | | | | | | | | | | | |
| y | Y | ü | Ü | | | | | | | | | | | | |
| z | Z | ž | Ž | | | | | | | | | | | | |
| å | Å | | | | | | | | | | | | | | |
| ä | Ä | æ | Æ | | | | | | | | | | | | |
| ö | Ö | ø | Ø | õ | Õ | | | | | | | | | | |

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.1.5 French

Alphabet

| | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (¨) | (,) | (0) | (k) | (˙) | (-) | (¯) | (?) |
| aA | âÂ | àÀ | äÄ | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | çÇ | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| eE | éÉ | êÊ | èÈ | ëË | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | îÎ | ïÏ | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | ñÑ | | | | | | | | | | | | | | |
| oO | ôÔ | öÖ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | ûÛ | ùÙ | üÛ | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ÿÿ | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |

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

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

Ligatures

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

1.1.8 Swedish

Alphabet

| | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (˝) | (,) | (j) | (k) | (ı) | (-) | (˘) | (?) |
| aA | áÁ | âĂ | ãĂ | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | çÇ | | | | | | | | | | | | | | |
| dD | ðÐ | | | | | | | | | | | | | | |
| eE | éÉ | èÈ | êÊ | ëË | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | íÍ | ìÌ | îÎ | ïÏ | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | ñÑ | | | | | | | | | | | | | | |
| oO | óÓ | òÒ | ôÔ | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | šŠ | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | úÚ | ùÙ | ûÛ | | | | | | | | | | | | |
| vV | wW | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | ÿÿ | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| åÅ | | | | | | | | | | | | | | | |
| äÄ | æÆ | | | | | | | | | | | | | | |
| öÖ | øØ | | | | | | | | | | | | | | |

Ligatures

‘k’ is sorted like ‘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 Lll
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) | (ˆ) | (˜) | (˚) | (¨) | (,) | (Q) | (k) | (ˆ) | (-) | (˘) | (?) |
| aA | äÄ | | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| eE | ëË | éÉ | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | ïÏ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| oO | öÖ | | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | üÜ | | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.3 German (DIN 5007)

Alphabet

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (¨) | (ˇ) | (ˆ) | (˜) | (°) | (¨) | (,) | (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) | (ˆ) | (˜) | (°) | (¨) | (,) | (Q) | (k) | (´) | (-) | (¯) | (?) |
| aA | | | | | | | | äÄ | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| eE | éÉ | | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| oO | | | | | | | | öÖ | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | | | | | | | | üÜ | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |

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

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (◌) | (◌) | (◌) | (◌) | (◌) | (◌) | (◌) | (◌) | (◌) | (◌) |
| 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 Ù | | | | | | | | | | | | | | |
| v V | | | | | | | | | | | | | | | | |
| w W | | | | | | | | | | | | | | | | |
| x X | | | | | | | | | | | | | | | | |
| y Y | | | | | | | | | | | | | | | | |
| z Z | | | | | | | | | | | | | | | | |

Ligatures

‘ß’ is sorted like ‘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 - ’

1.2.6 Norwegian

Alphabet

| | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (¨) | (,) | (0) | (k) | (.) | (-) | (¯) | (?) |
| aA | áÁ | àÀ | âÂ | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | çÇ | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| eE | éÉ | èÈ | êÊ | ëË | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| oO | óÓ | òÒ | ôÔ | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | | | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | üÜ | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| æÆ | äÄ | | | | | | | | | | | | | | |
| øØ | öÖ | | | | | | | | | | | | | | |
| åÅ | | | | | | | | | | | | | | | |

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 - ’

1.2.7 Portuguese

Alphabet

| | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (ˆ) | (˜) | (˘) | (˘) | (˘) | (˘) | (,) | (Q) | (k) | (˘) | (-) | (˘) | (?) |
| aA | áÁ | àÀ | âÂ | ãÃ | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | çÇ | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| eE | éÉ | èÈ | êÊ | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | íÍ | ìÌ | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| oO | óÓ | òÒ | ôÔ | õÕ | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | úÚ | ùÙ | üÛ | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |

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) | (˘) | (˘) | (˚) | (¨) | (.) | (Q) | (k) | (´) | (-) | (¯) | (?) |
| aA | áÁ | | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| eE | éÉ | | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| ñÑ | | | | | | | | | | | | | | | |
| oO | óÓ | | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | úÚ | üÜ | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |

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) | (˜) | (^) | (~) | (°) | (¨) | (,) | (.) | (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 LILL | | | | | | | | | | | | | | | |
| 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

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

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

(~) (˘) (˙) (ˇ) (ˆ) (˜) (°) (¨) (,) (,) (k) (ˆ) (-) (˘) (?)

a A
b B
c C
č Č
ć Ć
d D
đ Đ
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) | (˘) | (˙) | (˚) | (˛) | (˜) | (°) | (¨) | (,) | (ł) | (k) | (‘) | (-) | (ˉ) | (?) |
| aA | áÁ | äÄ | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | | | | | | | | | | | | | | | |
| čČ | | | | | | | | | | | | | | | |
| dD | ďĎ | | | | | | | | | | | | | | |
| eE | éÉ | ěĚ | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| chChCH | | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | ňŇ | | | | | | | | | | | | | | |
| oO | óÓ | öÖ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| řŘ | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| šŠ | | | | | | | | | | | | | | | |
| tT | ťĚ | | | | | | | | | | | | | | |
| uU | úÚ | ůŮ | üÜ | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| žŽ | | | | | | | | | | | | | | | |

Ligatures

‘ř’ is sorted like ‘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 - ’

1.4.3 Hungarian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ' .

1.4.4 Lower Sorbian

Alphabet

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

aA
bB
cC
čČ
ćĆ
dD
eE
ěĚ
fF
gG
hH
chChCH
iI
jJ
kK
łŁ
lL
mM
nN
ńŃ
oO
pP
qQ
rR
řŘ
sS
šŠ
śŚ
tT
uU
vV
wW
xX
yY
zZ
žŽ
źŹ

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

(˜) (˘) (˙) (˚) (˛) (˜) (˚) (˚) (˚) (˚) (k) (˘) (-) (˚) (?)
aA
ąĄ
bB
cC
ćĆ
dD
eE
ęĘ
fF
gG
hH
iI
jJ
kK
lL
łŁ
mM
nN
ńŃ
oO
óÓ
pP
qQ
rR
sS
śŚ
tT
uU
vV
wW
xX
yY
zZ
źŹ
żŻ

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.6 Romanian

Alphabet

(˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (k) (˘) (-) (˘) (?)
aA
ăĂ
âÂ
bB
cC
dD
eE
fF
gG
hH
iI
îÎ
jJ
kK
lL
mM
nN
oO
pP
qQ
rR
sS
șȘ
tT
țȚ
uU
vV
wW
xX
yY
zZ

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.7 Slovak (small)

Alphabet

| | (ˇ) | (˘) | (˙) | (˚) | (˛) | (˜) | (˝) | (¨) | (,) | (.) | (k) | (‘) | (-) | (ˉ) | (?) |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| aA | áÁ | äÄ | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | čČ | | | | | | | | | | | | | | |
| dD | ďĎ | | | | | | | | | | | | | | |
| eE | éÉ | | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| chChCH | | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | ĺĹ | ľĽ | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | ňŇ | | | | | | | | | | | | | | |
| oO | óÓ | ôÔ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | řŘ | řŘ | | | | | | | | | | | | | |
| sS | šŠ | | | | | | | | | | | | | | |
| tT | ťŤ | | | | | | | | | | | | | | |
| uU | úÚ | | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | | | | | | | | | | | | | | |
| zZ | žŽ | | | | | | | | | | | | | | |

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

| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (¨) | (,) | (j) | (k) | (ı) | (-) | (˘) | (?) |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| aA | áÁ | äÄ | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | | | | | | | | | | | | | | | |
| čČ | | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| ďĎ | | | | | | | | | | | | | | | |
| eE | éÉ | | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| chChCH | | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | ĺĹ | | | | | | | | | | | | | | |
| ľĽ | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| ňŇ | | | | | | | | | | | | | | | |
| oO | óÓ | ôÔ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | řŘ | | | | | | | | | | | | | | |
| řŘ | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| šŠ | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| ťĤ | | | | | | | | | | | | | | | |
| uU | úÚ | | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| žŽ | | | | | | | | | | | | | | | |

Ligatures

‘ř’ is sorted like ‘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) (˜) (˚) (¨) (˚) (˚) (k) (˙) (-) (˘) (?)
aA
bB
cC
čČ ěĆ
dD đĐ
eE
fF
gG
hH
iI
jJ
kK
lL
mM
nN
oO
pP
qQ
rR
sS
šŠ
tT
uU
vV
wW
xX
yY
zZ
žŽ

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) (˙) (-) (˘) (?)

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 ‘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 Codepage 1250

1.5.1 Croatian

Alphabet

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

a A
b B
c C
č Č
ć Ć
d D
đ Đ
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) | (˘) | (˙) | (˚) | (˛) | (˜) | (°) | (¨) | (,) | (ǝ) | (k) | (‘) | (-) | (ˉ) | (?) |
| aA | áÁ | äÄ | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | | | | | | | | | | | | | | | |
| čČ | | | | | | | | | | | | | | | |
| dD | ďĎ | | | | | | | | | | | | | | |
| eE | éÉ | ěĚ | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| chChCH | | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | ňŇ | | | | | | | | | | | | | | |
| oO | óÓ | öÖ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| řŘ | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| šŠ | | | | | | | | | | | | | | | |
| tT | ťĚ | | | | | | | | | | | | | | |
| uU | úÚ | ůŮ | üÜ | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| žŽ | | | | | | | | | | | | | | | |

Ligatures

‘ř’ is sorted like ‘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 - ’

1.5.3 Hungarian

Alphabet

| | |
|-----------------|---|
| | (˘) (˙) (˚) (ˇ) (ˆ) (˜) (°) (¨) (,) (Q) (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 - ' .

1.5.4 Lower Sorbian

Alphabet

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

aA
bB
cC
čČ
ćĆ
dD
eE
ěĚ
fF
gG
hH
chChCH
iI
jJ
kK
łŁ
lL
mM
nN
ńŃ
oO
pP
qQ
rR
řŘ
sS
šŠ
śŚ
tT
uU
vV
wW
xX
yY
zZ
žŽ
źŹ

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.5 Polish

Alphabet

(˜) (˘) (˙) (˚) (˛) (˜) (˚) (˚) (˙) (ł) (k) (˘) (-) (˚) (?)

aA
ąĄ
bB
cC
ćĆ
dD
eE
ęĘ
fF
gG
hH
iI
jJ
kK
lL
łŁ
mM
nN
ńŃ
oO
óÓ
pP
qQ
rR
sS
śŚ
tT
uU
vV
wW
xX
yY
zZ
źŹ
żŻ

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 - ’

1.5.6 Slovak (large)

Alphabet

| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (¨) | (,) | (j) | (k) | (ı) | (-) | (˘) | (?) |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| aA | áÁ | äÄ | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | | | | | | | | | | | | | | | |
| čČ | | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| ďĎ | | | | | | | | | | | | | | | |
| eE | éÉ | | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| chChCH | | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | ĺĹ | | | | | | | | | | | | | | |
| ľĽ | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| ňŇ | | | | | | | | | | | | | | | |
| oO | óÓ | ôÔ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | řŘ | | | | | | | | | | | | | | |
| řŘ | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| šŠ | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| ťĤ | | | | | | | | | | | | | | | |
| uU | úÚ | | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| žŽ | | | | | | | | | | | | | | | |

Ligatures

‘ř’ is sorted like ‘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) | (?) |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| aA | áÁ | äÄ | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | čČ | | | | | | | | | | | | | | |
| dD | ďĎ | | | | | | | | | | | | | | |
| eE | éÉ | | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| chChCH | | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | ĺĹ | ľĽ | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | ňŇ | | | | | | | | | | | | | | |
| oO | óÓ | ôÔ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | řŘ | řŘ | | | | | | | | | | | | | |
| sS | šŠ | | | | | | | | | | | | | | |
| tT | ťŤ | | | | | | | | | | | | | | |
| uU | úÚ | | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | | | | | | | | | | | | | | |
| zZ | žŽ | | | | | | | | | | | | | | |

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) (˜) (˚) (˝) (˝) (,) (,) (k) (˙) (-) (˘) (?)
a A
b B
c C
č Č ě Ě
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 ‘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 Codepage latin3

1.6.1 Esperanto

Alphabet

(˘) (˙) (˚) (ˇ) (ˆ) (˜) (°) (¨) (,) (Q) (k) (˘) (-) (˘) (?)
aA
bB
cC
ĉĈ
dD
eE
fF
gG
ĝĜ
hH
ĥĤ
iI
jJ
ĵĴ
kK
lL
mM
nN
oO
pP
qQ
rR
sS
ŝŜ
tT
uU
ŭŬ
vV
wW
xX
yY
zZ

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) (˘) (-) (˘) (?)
aA â Â
bB
cC
çÇ
dD
eE
fF
gG
ğĞ
hH
ıI
iİ
jJ
kK
lL
mM
nN
oO
öÖ
pP
qQ
rR
sS
şŞ
tT
uU û Û
üÜ
vV
wW
xX
yY
zZ

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.7 Codepage latin4

1.7.1 Greek (ISO transliteration, for western languages)

Alphabet

| | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (˝) | (,) (j) | (k) | (ˆ) | (-) | (˘) | (?) |
| aA | | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | |
| eE | ē | Ē | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | |
| iI | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | |
| oO | ō | Ō | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | |
| uU | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | |

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.7.2 Latvian

Alphabet

| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (˝) | (,) | (j) | (k) | (l) | (n) | (r) | (s) |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| aA | āĀ | | | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | | | | | | | | | | | | | | | |
| čČ | | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| eE | ēĒ | | | | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| ģĢ | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | yY | īĪ | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| ķĶ | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| ļĻ | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | | |
| ņŅ | | | | | | | | | | | | | | | |
| oO | ōŌ | | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| ŗR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| šŠ | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | ūŪ | | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| žŽ | | | | | | | | | | | | | | | |

Ligatures

‘ķ’ is sorted like ‘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 - ’

1.7.3 Lithuanian

Alphabet

| | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (˝) | (,) | (ł) | (k) | (ˆ) | (-) | (˘) | (?) |
| a A | ąĄ | | | | | | | | | | | | | | |
| b B | | | | | | | | | | | | | | | |
| c C | ch Ch CH | | | | | | | | | | | | | | |
| č Č | | | | | | | | | | | | | | | |
| d D | | | | | | | | | | | | | | | |
| e E | ęĘ | ėĖ | | | | | | | | | | | | | |
| f F | | | | | | | | | | | | | | | |
| g G | | | | | | | | | | | | | | | |
| h H | | | | | | | | | | | | | | | |
| i I | įĮ | 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 | ųŲ | ūŪ | | | | | | | | | | | | | |
| 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) (˘) (-) (˘) (?)
aA
bB
cC
çÇ
dD
eE
êÊ
fF
gG
hH
iI
îÎ
jJ
kK
lL
mM
nN
oO
pP
rR
sS
şŞ
tT
uU
ûÛ
vV
wW
xX
yY
zZ

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.8.2 Kurdish (Turkish i)

Alphabet

(˘) (˙) (˚) (ˇ) (ˆ) (˜) (°) (¨) (,) (Q) (k) (˘) (-) (˘) (?)
aA
bB
cC
çÇ
dD
eE
êÊ
fF
gG
hH
ıI
îÎ
jJ
kK
lL
mM
nN
oO
pP
rR
sS
şŞ
tT
uU
ûÛ
vV
wW
xX
yY
zZ

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.8.3 Turkish

Alphabet

(˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (k) (˘) (-) (˘) (?)
aA â Â
bB
cC
çÇ
dD
eE
fF
gG
ğĞ
hH
ıI
iİ
jJ
kK
lL
mM
nN
oO
öÖ
pP
qQ
rR
sS
şŞ
tT
uU û Û
üÛ
vV
wW
xX
yY
zZ

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9 Codepage latin9

1.9.1 Danish

Alphabet

| | | | | | | | | | | | | | | |
|----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˘) | (˚) | (˘) | (˙) | (k) | (˘) | (-) | (˘) | (?) |
| aA | áÁ | àÀ | âÂ | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | |
| cC | çÇ | | | | | | | | | | | | | |
| dD | ðÐ | | | | | | | | | | | | | |
| eE | éÉ | èÈ | êÊ | ëË | | | | | | | | | | |
| fF | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | |
| iI | íÍ | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | |
| nN | | | | | | | | | | | | | | |
| oO | óÓ | ôÔ | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | |
| uU | úÚ | | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | |
| yY | ýÝ | ÿÿ | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | |
| æÆ | | | | | | | | | | | | | | |
| øØ | öÖ | œœ | | | | | | | | | | | | |
| åÅ | 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

The order of special characters and letters is:

? ! . letters - ’

1.9.2 English

Alphabet

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (◌) | (◌) | (,) | (◌) | (k) | (◌) | (-) | (◌) | (?) |
| a A | à Á | | | | | | | | | | | | | | |
| 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 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.
- ‘½’ is sorted like ‘o e’, but *after* it in otherwise equal words.
- ‘¼’ 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

(˘) (˙) (˚) (ˇ) (ˆ) (˜) (°) (¨) (,) (0) (k) (') (-) (ˉ) (?)
a A
b B
c C
d D
e E
f F
g G
h H
i I
j J
k K
l L
m M
n N
o O
p P
q Q
r R
s S
š Š
z Z
ž Ž
t T
u U
v V w W
õ Ö
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) | (ˆ) | (˜) | (˚) | (¨) | (,) | (Q) | (k) | (˙) | (-) | (¯) | (?) |
| a | A | | | | | | | | | | | | | | |
| b | B | | | | | | | | | | | | | | |
| c | C | | | | | | | | | | | | | | |
| d | D | | | | | | | | | | | | | | |
| e | E | é | É | | | | | | | | | | | | |
| f | F | | | | | | | | | | | | | | |
| g | G | | | | | | | | | | | | | | |
| h | H | | | | | | | | | | | | | | |
| i | I | | | | | | | | | | | | | | |
| j | J | | | | | | | | | | | | | | |
| k | K | | | | | | | | | | | | | | |
| l | L | | | | | | | | | | | | | | |
| m | M | | | | | | | | | | | | | | |
| n | N | | | | | | | | | | | | | | |
| o | O | | | | | | | | | | | | | | |
| p | P | | | | | | | | | | | | | | |
| q | Q | | | | | | | | | | | | | | |
| r | R | | | | | | | | | | | | | | |
| s | S | š | Š | | | | | | | | | | | | |
| t | T | | | | | | | | | | | | | | |
| u | U | | | | | | | | | | | | | | |
| v | V | w | W | | | | | | | | | | | | |
| x | X | | | | | | | | | | | | | | |
| y | Y | ü | Ü | | | | | | | | | | | | |
| z | Z | ž | Ž | | | | | | | | | | | | |
| å | Å | | | | | | | | | | | | | | |
| ä | Ä | æ | Æ | | | | | | | | | | | | |
| ö | Ö | ø | Ø | õ | Õ | | | | | | | | | | |

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.5 French

Alphabet

| | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (¨) | (,) | (0) | (k) | (˙) | (-) | (¯) | (?) |
| aA | âÂ | àÀ | äÄ | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | çÇ | | | | | | | | | | | | | | |
| dD | | | | | | | | | | | | | | | |
| eE | éÉ | êÊ | èÈ | ëË | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | îÎ | ïÏ | | | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | ñÑ | | | | | | | | | | | | | | |
| oO | ôÔ | öÖ | | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | ûÛ | ùÙ | üÛ | | | | | | | | | | | | |
| vV | | | | | | | | | | | | | | | |
| wW | | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ÿÿ | | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |

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.
- ‘½’ is sorted like ‘o e’, but *after* it in otherwise equal words.
- ‘¼’ 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

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

Ligatures

- ‘ß’ is sorted like ‘s s’, but *after* it in otherwise equal words.
- ‘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.
- ‘½’ is sorted like ‘o e’, but *after* it in otherwise equal words.
- ‘¼’ 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 - ’

1.9.8 Swedish

Alphabet

| | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (˝) | (,) | (j) | (k) | (ı) | (-) | (˘) | (?) |
| aA | áÁ | âÂ | ãÃ | | | | | | | | | | | | |
| bB | | | | | | | | | | | | | | | |
| cC | çÇ | | | | | | | | | | | | | | |
| dD | ðÐ | | | | | | | | | | | | | | |
| eE | éÉ | èÈ | êÊ | ëË | | | | | | | | | | | |
| fF | | | | | | | | | | | | | | | |
| gG | | | | | | | | | | | | | | | |
| hH | | | | | | | | | | | | | | | |
| iI | íÍ | ìÌ | îÎ | ïÏ | | | | | | | | | | | |
| jJ | | | | | | | | | | | | | | | |
| kK | | | | | | | | | | | | | | | |
| lL | | | | | | | | | | | | | | | |
| mM | | | | | | | | | | | | | | | |
| nN | ñÑ | | | | | | | | | | | | | | |
| oO | óÓ | òÒ | ôÔ | | | | | | | | | | | | |
| pP | | | | | | | | | | | | | | | |
| qQ | | | | | | | | | | | | | | | |
| rR | | | | | | | | | | | | | | | |
| sS | šŠ | | | | | | | | | | | | | | |
| tT | | | | | | | | | | | | | | | |
| uU | úÚ | ùÙ | ûÛ | | | | | | | | | | | | |
| vV | wW | | | | | | | | | | | | | | |
| xX | | | | | | | | | | | | | | | |
| yY | ýÝ | ÿÿ | | | | | | | | | | | | | |
| zZ | | | | | | | | | | | | | | | |
| åÅ | | | | | | | | | | | | | | | |
| äÄ | æÆ | | | | | | | | | | | | | | |
| öÖ | øØ | | | | | | | | | | | | | | |

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

Chapter 2

Cyrillic scripts

2.1 Codepage 1251

2.1.1 Belarusian

Alphabet

| | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (´) | (˘) | (˙) | (˚) | (ˇ) | (˘) | (˚) | (˘) | (˙) | (k) | (˘) | (-) | (-) | (?) |
| аА | | | | | | | | | | | | | | |
| бБ | | | | | | | | | | | | | | |
| вВ | | | | | | | | | | | | | | |
| гГ | | | | | | | | | | | | | | |
| дД | | | | | | | | | | | | | | |
| еЕ | ëË | | | | | | | | | | | | | |
| жЖ | | | | | | | | | | | | | | |
| зЗ | | | | | | | | | | | | | | |
| иИ | | | | | | | | | | | | | | |
| іІ | | | | | | | | | | | | | | |
| йЙ | | | | | | | | | | | | | | |
| кК | | | | | | | | | | | | | | |
| лЛ | | | | | | | | | | | | | | |
| мМ | | | | | | | | | | | | | | |
| нН | | | | | | | | | | | | | | |
| оО | | | | | | | | | | | | | | |
| пП | | | | | | | | | | | | | | |
| рР | | | | | | | | | | | | | | |
| сС | | | | | | | | | | | | | | |
| тТ | | | | | | | | | | | | | | |
| уУ | | | | | | | | | | | | | | |
| ўЎ | | | | | | | | | | | | | | |
| фФ | | | | | | | | | | | | | | |
| хХ | | | | | | | | | | | | | | |
| цЦ | | | | | | | | | | | | | | |
| чЧ | | | | | | | | | | | | | | |
| шШ | | | | | | | | | | | | | | |
| щЩ | | | | | | | | | | | | | | |
| ъЪ | | | | | | | | | | | | | | |
| ыЫ | | | | | | | | | | | | | | |
| ьЬ | | | | | | | | | | | | | | |
| эЭ | | | | | | | | | | | | | | |
| юЮ | | | | | | | | | | | | | | |
| яЯ | | | | | | | | | | | | | | |

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

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) (˙) (-) (˘) (?)

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.4 Russian

Alphabet

(́) (̀) (˘) (˙) (ˆ) (˜) (˚) (¨) (,) (,) (k) (') (-) (ˉ) (?)
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

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

(˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (˘) (k) (˘) (-) (˘) (?)
аА
бБ
вВ
гГ
ґҐ
дД
еЕ ёЁ
єЄ
жЖ
зЗ
иИ
іІ
їЇ
йЙ
кК
лЛ
мМ
нН
оО
пП
рР
сС
тТ
уУ
фФ
хХ
цЦ
чЧ
шШ
щЩ
ъЪ
ыЫ
эЭ
юЮ
яЯ
ьЬ

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 - ’