

Alphabets

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Chapter 1

Latin scripts

1.1 Codepage 1252

1.1.1 Danish

Alphabet

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| 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

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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 - ’

1.1.3 Estonian

Alphabet

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (¨) | (ˇ) | (^) | (~) | (°) | (¨) | (,) | (Q) | (k) | (ˆ) | (-) | (˘) | (?) |
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| k | K | | | | | | | | | | | | | | |
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| m | M | | | | | | | | | | | | | | |
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| 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

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| 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

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| | (˘) | (˙) | (˘) | (˘) | (ˆ) | (˘) | (˘) | (¨) | (,) | (Q) | (k) | (˙) | (-) | (˘) | (?) |
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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

| | | | | | | | | | | | | | | | |
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| 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) | (˙) | (-) | (¯) | (?) |
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| å Å | | | | | | | | | | | | | | | |

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.1.8 Swedish

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.7 Portuguese

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.2.8 Spanish (modern)

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

letters . - ’ ¿ ? ¡ !

1.2.9 Spanish (traditional)

Alphabet

| | | | | | | | | | | | | | | | |
|----------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (^) | (´) | (˘) | (˘) | (^) | (˘) | (˚) | (¨) | (,) | (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 Ó | ò Ò | ô Ô | õ Õ | ö Ö | ø Ø | | | | | | | | |
| p P | | | | | | | | | | | | | | |
| q Q | | | | | | | | | | | | | | |
| r R | | | | | | | | | | | | | | |
| s S | | | | | | | | | | | | | | |
| t T | | | | | | | | | | | | | | |
| u U | ú Ú | ù Ù | û Û | ü Ü | | | | | | | | | | |
| v V | | | | | | | | | | | | | | |
| w W | | | | | | | | | | | | | | |
| x X | | | | | | | | | | | | | | |
| y Y | ý Ý | ÿ | | | | | | | | | | | | |
| z Z | | | | | | | | | | | | | | |

Ligatures

- ‘á’ is sorted like ‘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

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

a A

b B

c C

č Č

ć Ć

d D

đ Đ đŽ Dž DŽ

đ Đ

e E

f F

g G

h H

i I

j J

k K

l L

lj Lj LJ

m M

n N

nj Nj NJ

o O

p P

q Q

r R

s S

š Š

t T

u U

v V

w W

x X

y Y

z Z

ž Ž

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.2 Czech

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.3 Hungarian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.4 Lower Sorbian

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.5 Polish

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.4.6 Romanian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

Capitalized or 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 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 - ’

1.4.8 Slovak (large)

Alphabet

| | ([˘]) | ([˙]) | ([˚]) | (^ˇ) | (^ˆ) | ([˜]) | ([◊]) | ([¨]) | (_˘) | Q | (k) | ([˙]) | (-) | ([˘]) | (?) |
|----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----|------------------|-----|------------------|-----|
| a A | á Á | ä Ä | | | | | | | | | | | | | |
| b B | | | | | | | | | | | | | | | |
| c C | | | | | | | | | | | | | | | |
| č Č | | | | | | | | | | | | | | | |
| d D | | | | | | | | | | | | | | | |
| ď Ď | | | | | | | | | | | | | | | |
| e E | é É | | | | | | | | | | | | | | |
| f F | | | | | | | | | | | | | | | |
| g G | | | | | | | | | | | | | | | |
| h H | | | | | | | | | | | | | | | |
| ch Ch CH | | | | | | | | | | | | | | | |
| i I | í Í | | | | | | | | | | | | | | |
| j J | | | | | | | | | | | | | | | |
| k K | | | | | | | | | | | | | | | |
| l L | ĺ Ĺ | | | | | | | | | | | | | | |
| ľ Ľ | | | | | | | | | | | | | | | |
| m M | | | | | | | | | | | | | | | |
| n N | | | | | | | | | | | | | | | |
| ň Ň | | | | | | | | | | | | | | | |
| o O | ó Ó | ô Ô | | | | | | | | | | | | | |
| p P | | | | | | | | | | | | | | | |
| q Q | | | | | | | | | | | | | | | |
| r R | ř Ř | | | | | | | | | | | | | | |
| ř Ř | | | | | | | | | | | | | | | |
| s S | | | | | | | | | | | | | | | |
| š Š | | | | | | | | | | | | | | | |
| t T | | | | | | | | | | | | | | | |
| ť Ľ | | | | | | | | | | | | | | | |
| 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

| | ([˘]) | ([˙]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) | ([˘]) |
|----|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 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

| | | | | | | | | | | | | | | | |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (~) | (˘) | (˙) | (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 - ’

1.5.4 Lower Sorbian

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.5 Polish

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.6 Slovak (large)

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.7 Slovak (small)

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.8 Slovenian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.5.9 Upper Sorbian

Alphabet

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

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.6 Codepage latin3

1.6.1 Esperanto

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.6.2 Turkish

Alphabet

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (^) | (') | (`) | (~) | (^) | (~) | (^) | (") | (,) | (Q) | (k) | (.) | (-) | (~) | (?) |
| a A | â Â | | | | | | | | | | | | | | |
| b B | | | | | | | | | | | | | | | |
| c C | | | | | | | | | | | | | | | |
| ç Ç | | | | | | | | | | | | | | | |
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| ö Ö | | | | | | | | | | | | | | | |
| p P | | | | | | | | | | | | | | | |
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| ü Ü | | | | | | | | | | | | | | | |
| v V | | | | | | | | | | | | | | | |
| w W | | | | | | | | | | | | | | | |
| x X | | | | | | | | | | | | | | | |
| y Y | | | | | | | | | | | | | | | |
| z Z | | | | | | | | | | | | | | | |

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - '

1.7 Codepage latin4

1.7.1 Greek (ISO transliteration, for western languages)

Alphabet

| | (˘) | (´) | (˘) | (˘) | (^) | (~) | (°) | (¨) | (,) | (Q) | (k) | (.) | (-) | (˘) | (?) |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| a A | | | | | | | | | | | | | | | |
| b B | | | | | | | | | | | | | | | |
| d D | | | | | | | | | | | | | | | |
| e E | 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 | | | | | | | | | | | | | | | |
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| 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) | (´) | (`) | (˘) | (^) | (˜) | (°) | (¨) | (,) | (Ņ) | (ģ) | (-) | (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 | | | | | | | | | | | | | | |
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| 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) | (˘) | (˙) | (˚) | (˛) | (˜) | (˚) | (˝) | (,) | (Ų) | (k) | (‘) | (-) | (˘) | (?) |
| 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 Ū | | | | | | | | | | | ū Ū | | | |
| v V | | | | | | | | | | | | | | | |
| w W | | | | | | | | | | | | | | | |
| x X | | | | | | | | | | | | | | | |
| z Z | | | | | | | | | | | | | | | |
| ž Ž | | | | | | | | | | | | | | | |

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.8 Codepage latin5

1.8.1 Kurdish (Bedirxan)

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.8.2 Kurdish (Turkish i)

Alphabet

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (¨) | (,) | (Q) | (k) | (˙) | (-) | (ˉ) | (?) |
| 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) | (.) | (-) | (~) | (?) |
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| m M | | | | | | | | | | | | | | | |
| n N | | | | | | | | | | | | | | | |
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| ö Ö | | | | | | | | | | | | | | | |
| p P | | | | | | | | | | | | | | | |
| q Q | | | | | | | | | | | | | | | |
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| s S | | | | | | | | | | | | | | | |
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| ü Ü | | | | | | | | | | | | | | | |
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| w W | | | | | | | | | | | | | | | |
| x X | | | | | | | | | | | | | | | |
| y Y | | | | | | | | | | | | | | | |
| z Z | | | | | | | | | | | | | | | |

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - '

1.9 Codepage latin9

1.9.1 Danish

Alphabet

| | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˚) | (ˇ) | (ˆ) | (˜) | (˚) | (¨) | (,) | (.) | (k) | (‘) | (-) | (ˉ) | (?) |
| a A | á Á | à À | â Â | | | | | | | | | | | | |
| b B | | | | | | | | | | | | | | | |
| c C | ç Ç | | | | | | | | | | | | | | |
| d D | ð Ð | | | | | | | | | | | | | | |
| e E | é É | è È | ê Ê | ë Æ | | | | | | | | | | | |
| f F | | | | | | | | | | | | | | | |
| g G | | | | | | | | | | | | | | | |
| h H | | | | | | | | | | | | | | | |
| i I | í Í | | | | | | | | | | | | | | |
| j J | | | | | | | | | | | | | | | |
| k K | | | | | | | | | | | | | | | |
| l L | | | | | | | | | | | | | | | |
| m M | | | | | | | | | | | | | | | |
| n N | | | | | | | | | | | | | | | |
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| p P | | | | | | | | | | | | | | | |
| q Q | | | | | | | | | | | | | | | |
| r R | | | | | | | | | | | | | | | |
| s S | | | | | | | | | | | | | | | |
| t T | | | | | | | | | | | | | | | |
| u U | ú Ú | | | | | | | | | | | | | | |
| v V | | | | | | | | | | | | | | | |
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| x X | | | | | | | | | | | | | | | |
| y Y | ý Ý | ÿ Ü | | | | | | | | | | | | | |
| z Z | | | | | | | | | | | | | | | |
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| 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 | | | | | | | | | | | | | | | |
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| u U | | | | | | | | | | | | | | | |
| v V | | | | | | | | | | | | | | | |
| w W | | | | | | | | | | | | | | | |
| x X | | | | | | | | | | | | | | | |
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| z Z | | | | | | | | | | | | | | | |
| þ Þ | | | | | | | | | | | | | | | |

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.3 Estonian

Alphabet

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.4 Finnish

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.5 French

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.6 A general sorting order for Western European languages

Alphabet

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

Ligatures

- ‘ß’ is sorted like ‘ss’, but *after* it in otherwise equal words.
- ‘æ’ is sorted like ‘ae’, but *after* it in otherwise equal words.
- ‘Æ’ is sorted like ‘Ae’, but *after* it in otherwise equal words.
- ‘ $\frac{1}{2}$ ’ is sorted like ‘oe’, but *after* it in otherwise equal words.
- ‘ $\frac{1}{4}$ ’ is sorted like ‘Oe’, but *after* it in otherwise equal words.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.7 Icelandic

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

1.9.8 Swedish

Alphabet

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

Ligatures

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

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

Chapter 2

Cyrillic scripts

2.1 Codepage 1251

2.1.1 Belarusian

Alphabet

| | | | | | | | | | | | | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | ([˘]) | ([˙]) | ([˚]) | ([˛]) | ([˜]) | ([˝]) | (^ˆ) | ([˜]) | ([˚]) | ([˛]) | ([˜]) | ([˚]) | ([˛]) | ([˜]) | ([˚]) |
| 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

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | (˘) | (˙) | (˘) | (˘) | (^) | (~) | (°) | (¨) | (,) | (Q) | (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

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

Ligatures

None.

Upper-/lowercase words

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

Special characters

The order of special characters and letters is:

? ! . letters - ’

2.1.5 Serbian

Alphabet

| | | | | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
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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

| | ([~]) | ([˙]) | ([˘]) | ([˘]) | (^ˆ) | ([˘]) | ([˚]) | ([¨]) | ([,]) | (^Q) | (^k) | ([˙]) | (⁻) | (⁻) | ([?]) |
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Ligatures

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