

Each group must have
the use case of Section 1
from each of Sections 2, 3, and 4: at least one of the alternative
sets of use cases separated by "or"

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Note: cursor is between two characters
selection is on one or more characters
view is portion of file that is visible now
a time-ordered view shows control characters and other zero-width
characters
normally the selection highlighting grows in the direction in which
the hand moves the pointer

All of the use cases that are in a normal unidirectional word processor and
which are NOT affected by bi-directinality can be ignored.
If any are present, there is nothing wrong. It's just not necessary.

1. BASIC:

Insert character at cursor

(actually, you could get by with JUST this in place of

2. CONTROLLING DIRECTION EMBEDDING and OVERRIDING and

3. LIGATURE AND CONNECTION CONTROL

because you could insert control characters by giving their hex codes as
you can with characters of any alphabet, but it's a real pain to do so!
If you did this, your customer will say that he or she is NOT happy with
this way of working and will DEMAND to be able to do these insertions by
special commands.)

2. CONTROLLING DIRECTION EMBEDDING and OVERRIDING:

Insert strong LR mark at cursor

Insert strong RL mark at cursor

Make selection a LR subdocument

Make selection a RL subdocument

Force characters to be LR in selection

Force characters to be RL in selection

or

Insert strong LR mark at cursor

Insert strong RL mark at cursor

Make selection a LR embedding

Make selection a RL embedding
Make selection a LR overriding
Make selection a RL overriding

or

Insert strong LR mark at cursor
Insert strong RL mark at cursor
Start LR subdocument at cursor
Start RL subdocument at cursor
Start forcing characters to be LR at cursor
Start forcing characters to be RL at cursor
End subdocument or forcing at cursor

or

Insert strong LR mark at cursor
Insert strong RL mark at cursor
Start LR embedding at cursor
Start RL embedding at cursor
Start LR overriding at cursor
Start RL overriding at cursor
End embedding or overriding at cursor

or

Insert LRM at cursor
Insert RLM at cursor
Insert LRE at cursor
Insert RLE at cursor
Insert LRO at cursor
Insert RLO at cursor
Insert PDF at cursor

3. LIGATURE AND CONNECTION CONTROL:

Split selected ligature into its characters
Split connection at cursor

or

Insert ZWJ between characters of selected ligature
Insert ZWNJ at cursor

4. DEALING WITH COGNITIVE DISSONANCE:

Change view to time order
Change view to visual order

or

Flip order of view

or

Show both orders of view

or

Show both orders of selection

or

Flip the direction in which the selection highlighting grows

or

Flip the direction in which the hand moves to maintain the current
direction of highlighting growth