

No buffer (size 0): L=B  
1|2|\_

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Buffer of size 1 : L B  
1|2|3|\_

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Buffer of size 4 : L B B  
1|2|3|4|5|6|\_  
                  ^

Legend:  
L: List           ●: Will exist when buffer filled  
B: Buffer         ^: Element marked as needed