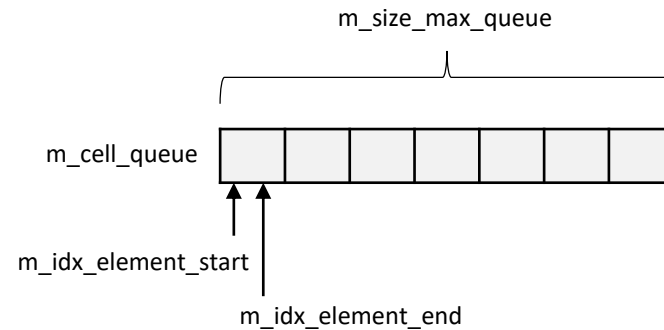


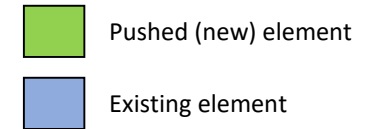
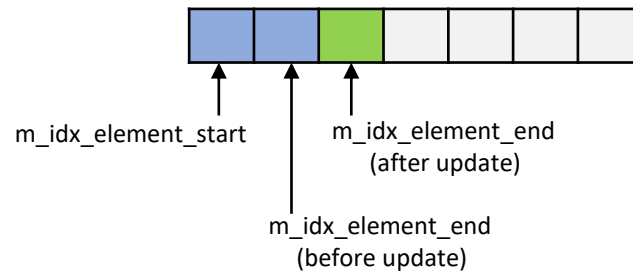
Note that the queue runs by **push-at-back, pop-from-front**.  
The data are stored from **m\_idx\_element\_start** to **m\_idx\_element\_end**.  
The number of data is represented by **m\_cnt\_element**.

push in one element  
first-time insertion

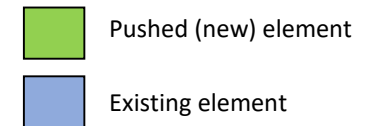
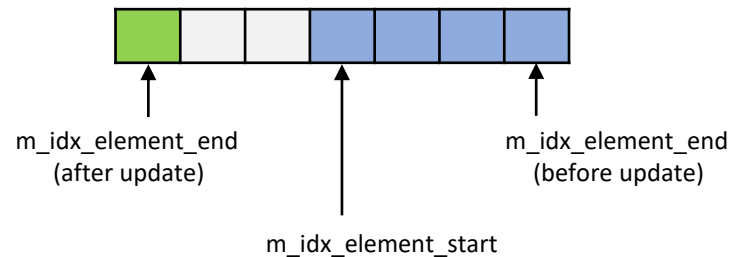


Note that an element is pushed at the back of the queue.

push in one element  
example 1



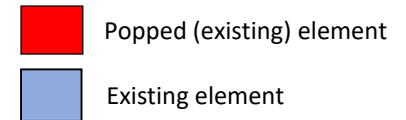
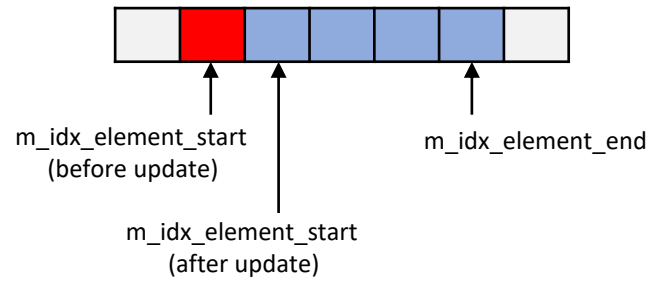
push in one element  
example 2



Note that an element is popped from the front of the queue.

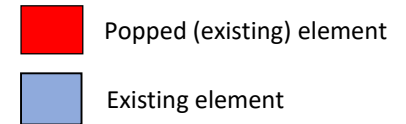
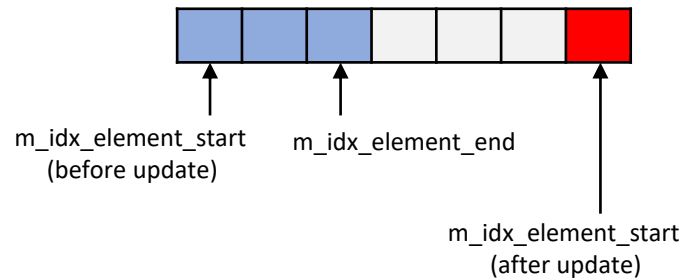
pop out one element

example 1



pop out one element

example 2



Note that m\_cnt\_element is set to 0 (after popping out all elements).

pop out all elements  
example 1

