Does the non-realtime thread mutate the object?

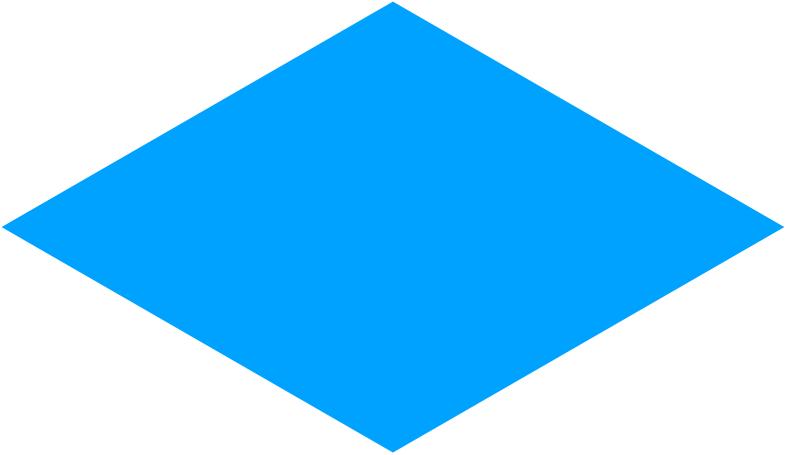
Double buffering











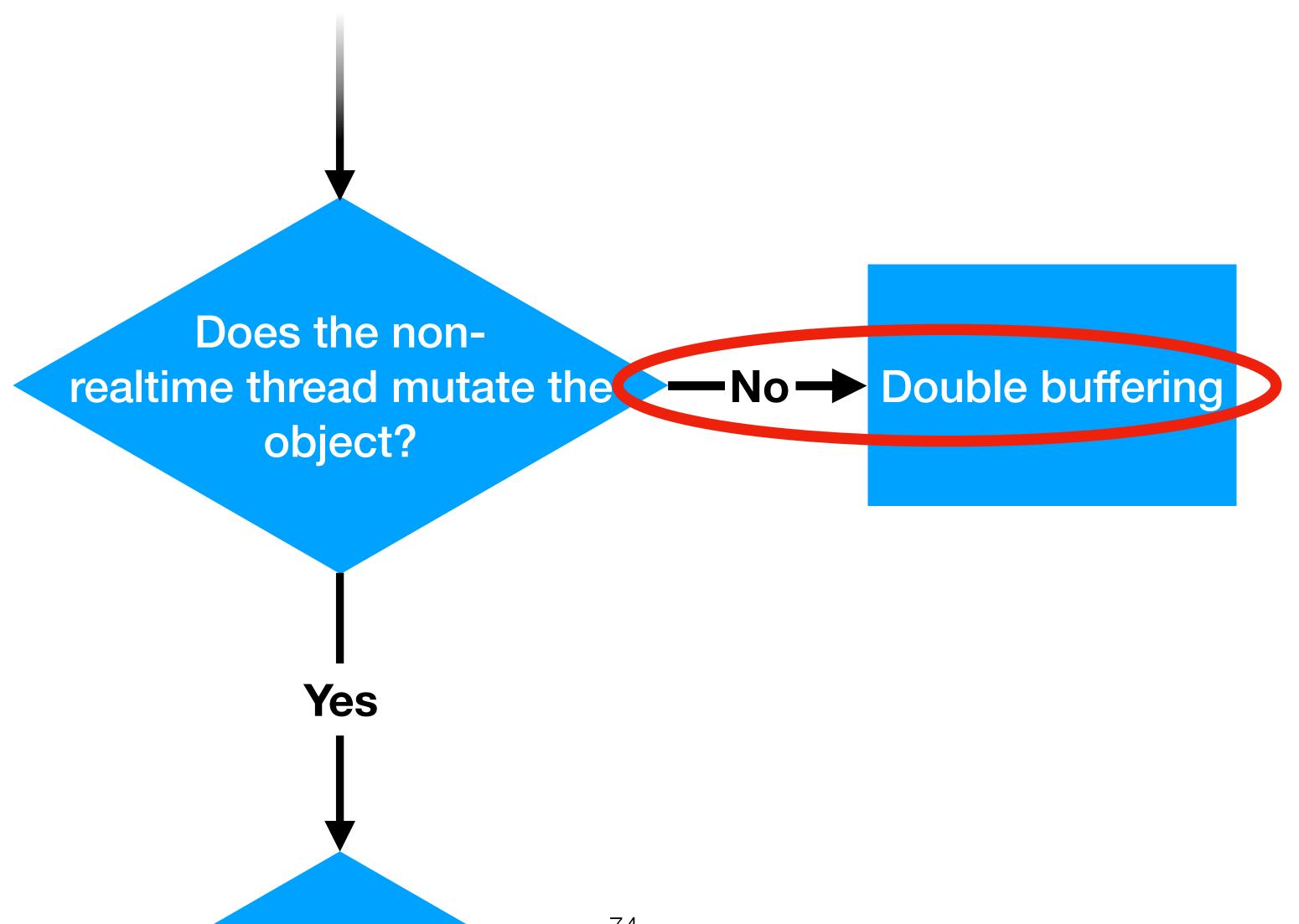
Non-real-time Mutating?





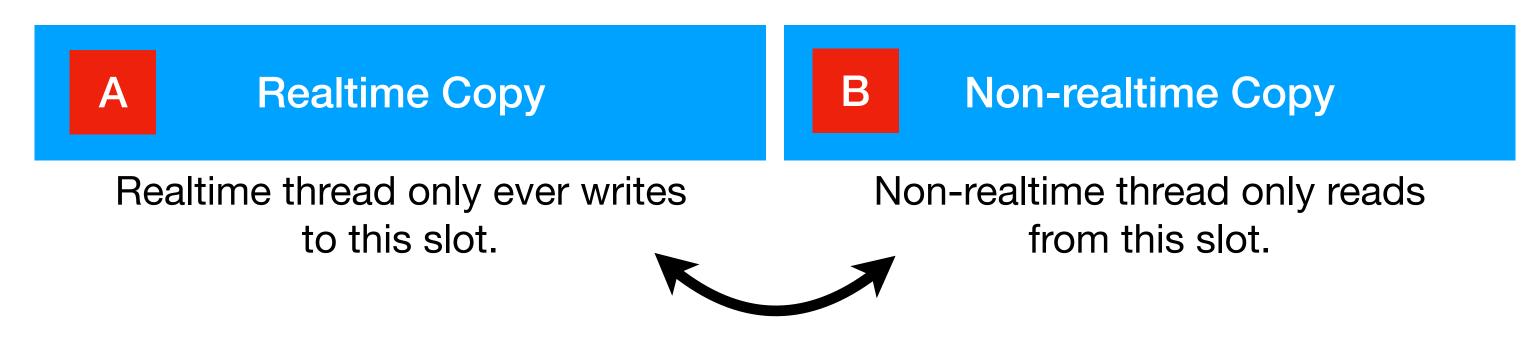


Non-real-time Mutating?



Double Buffering

Use two buffers: one for the realtime thread, one for the non-realtime thread



Swap slots just before reading

1. Both slots are pre-initialised with valid data