

Blocking vs Non-Blocking

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Why?



Why?

Polling



핵심 키워드

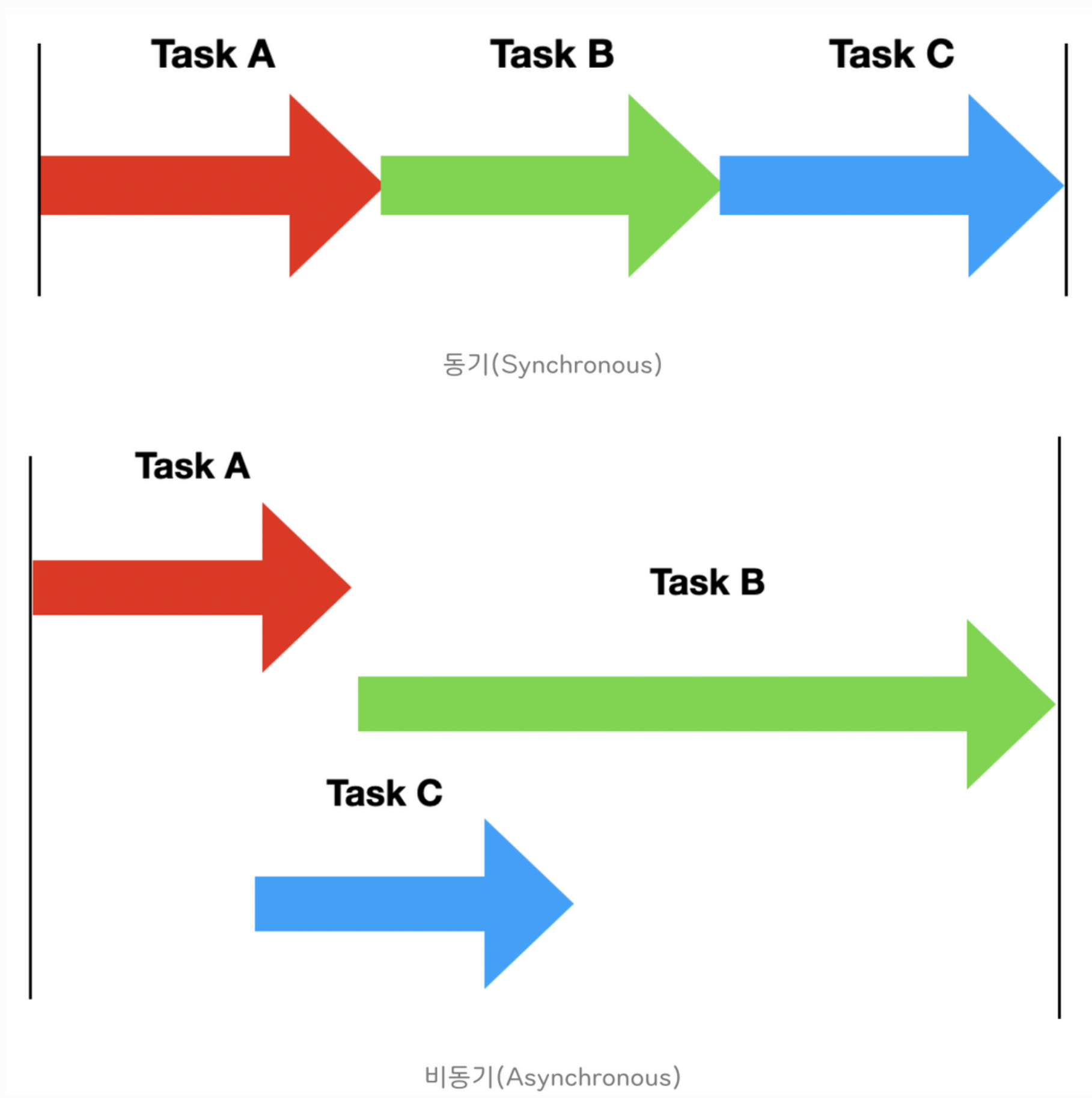
● 결과에 대한 관심

□ Sync & Async

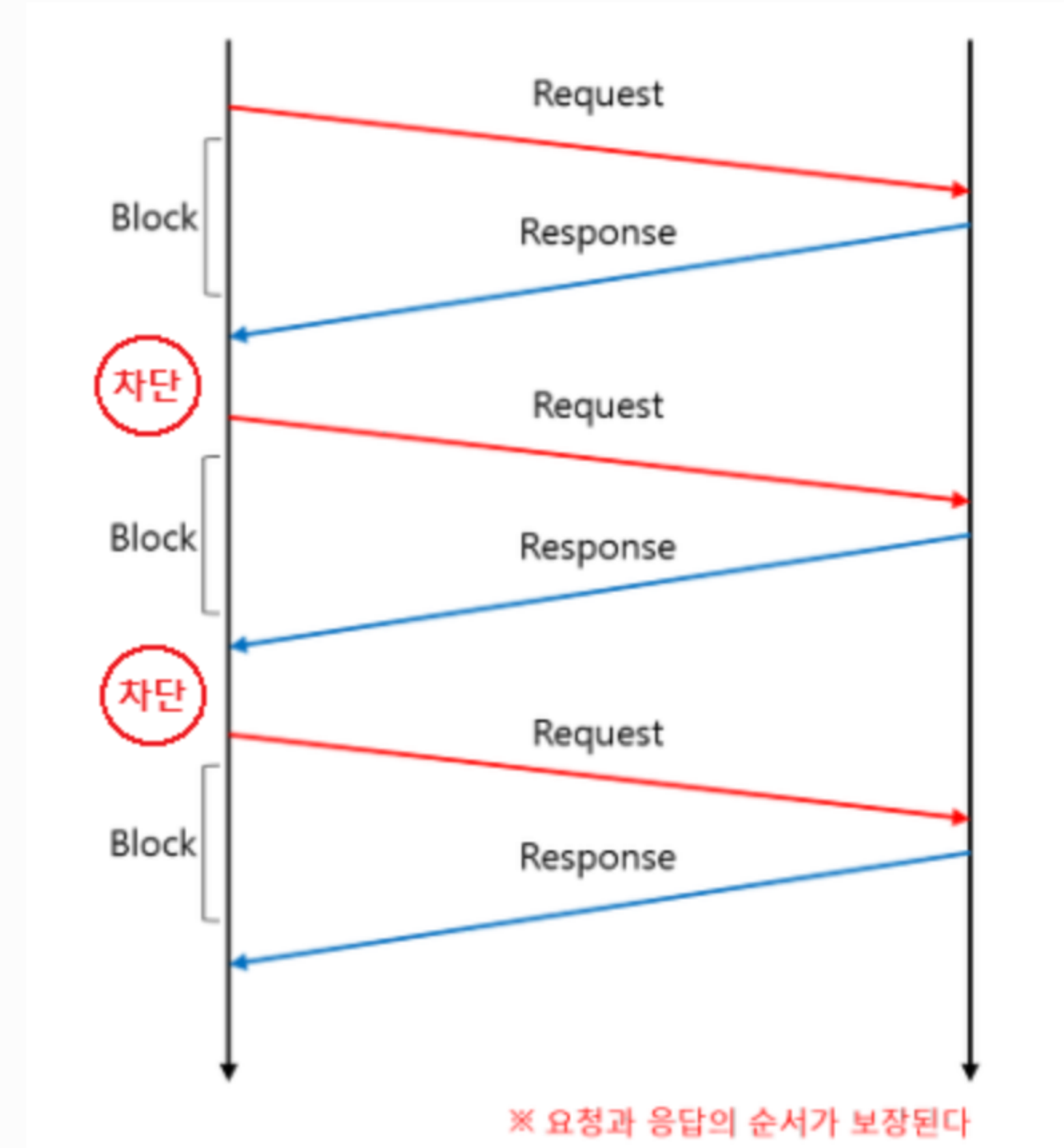
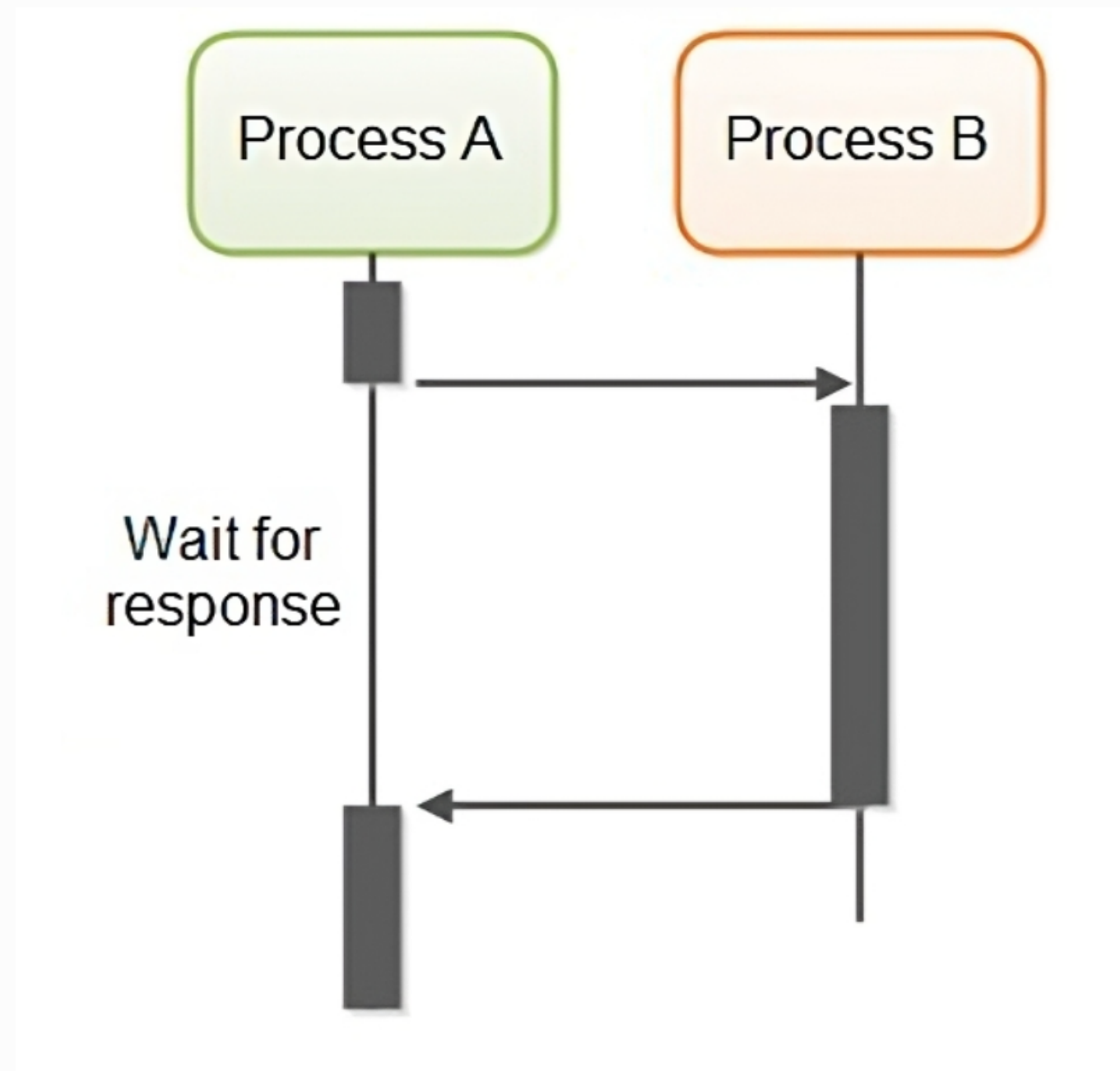
● 제어권

Blocking & Non-Blocking

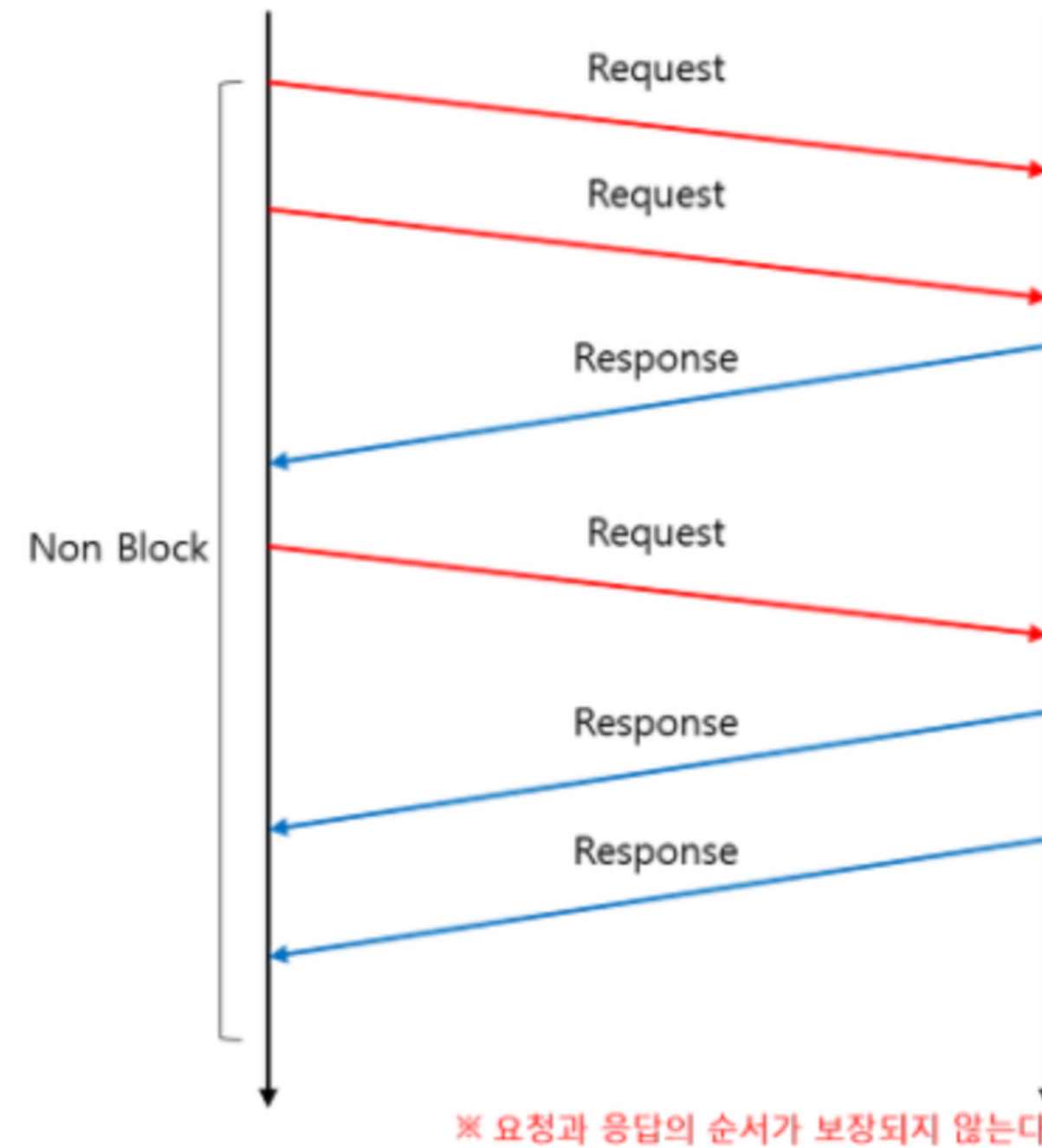
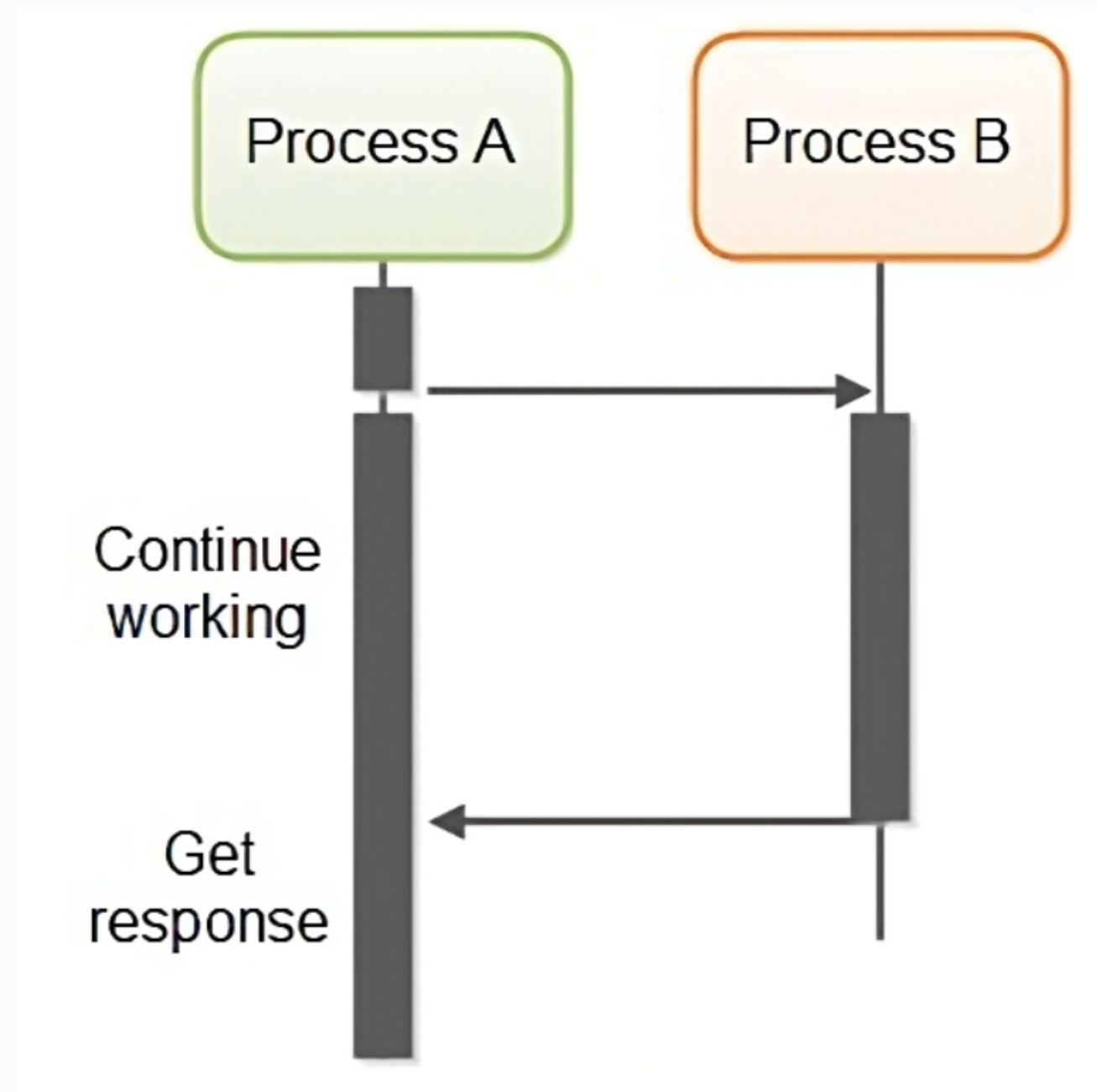


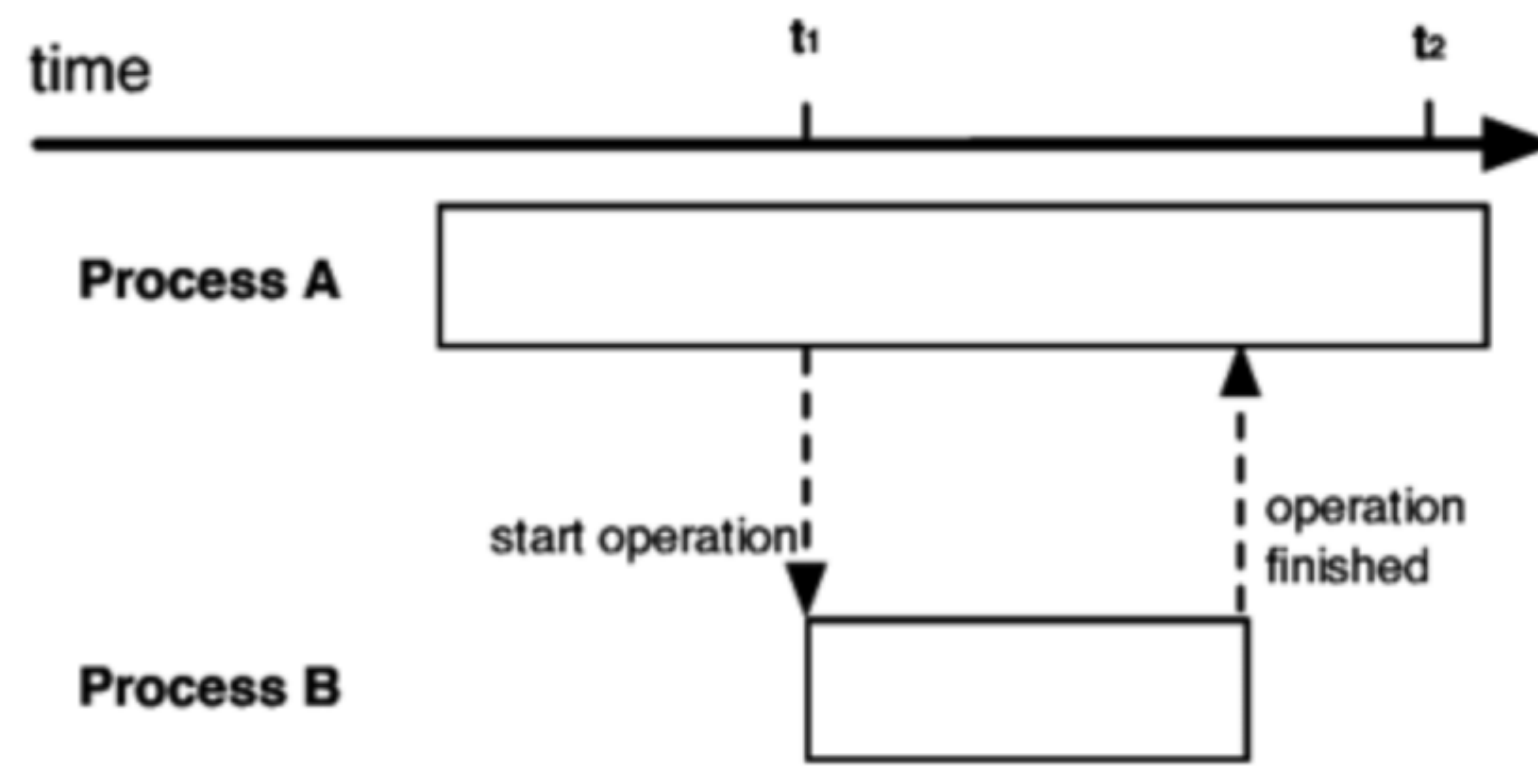
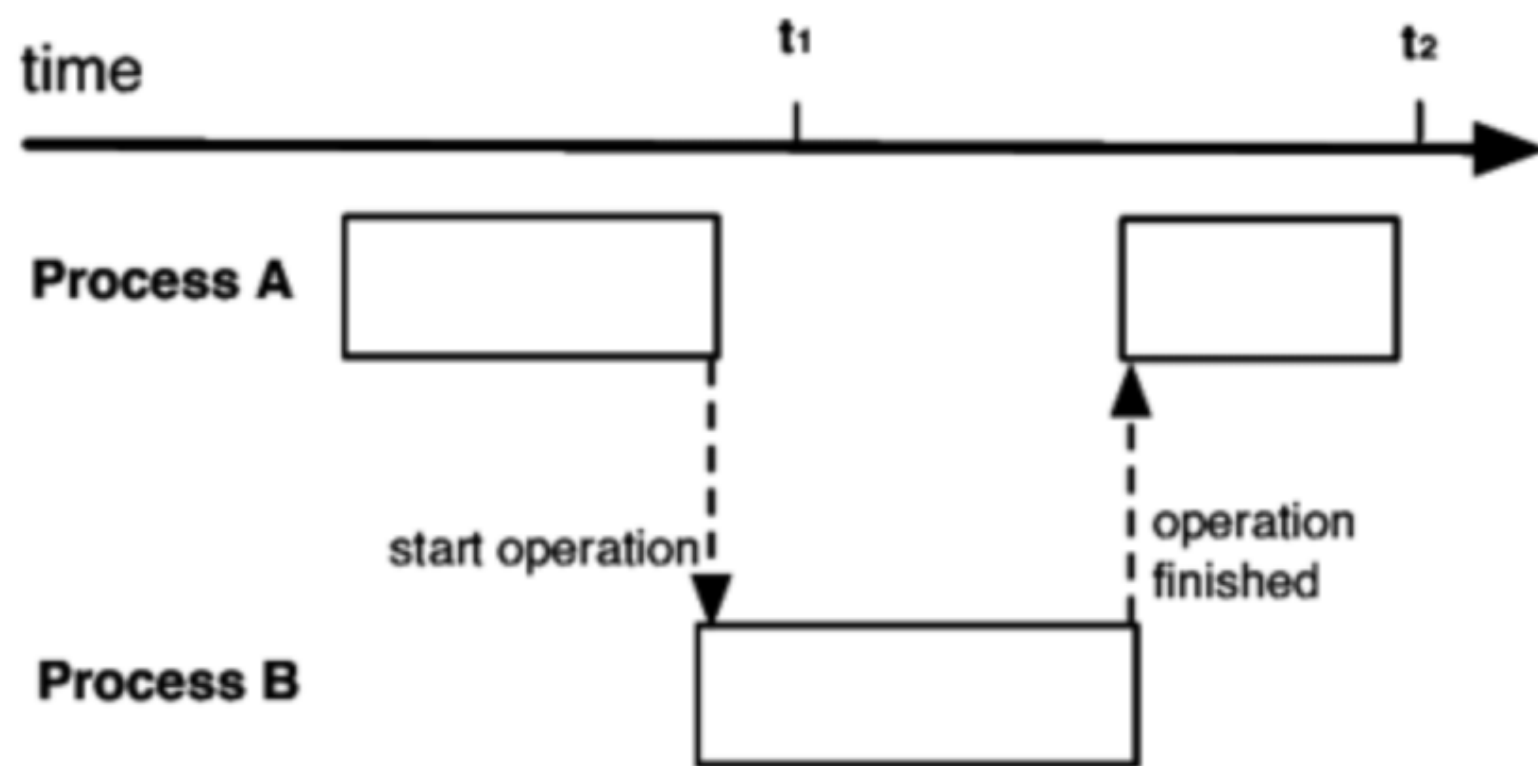


Synchronous(동기)

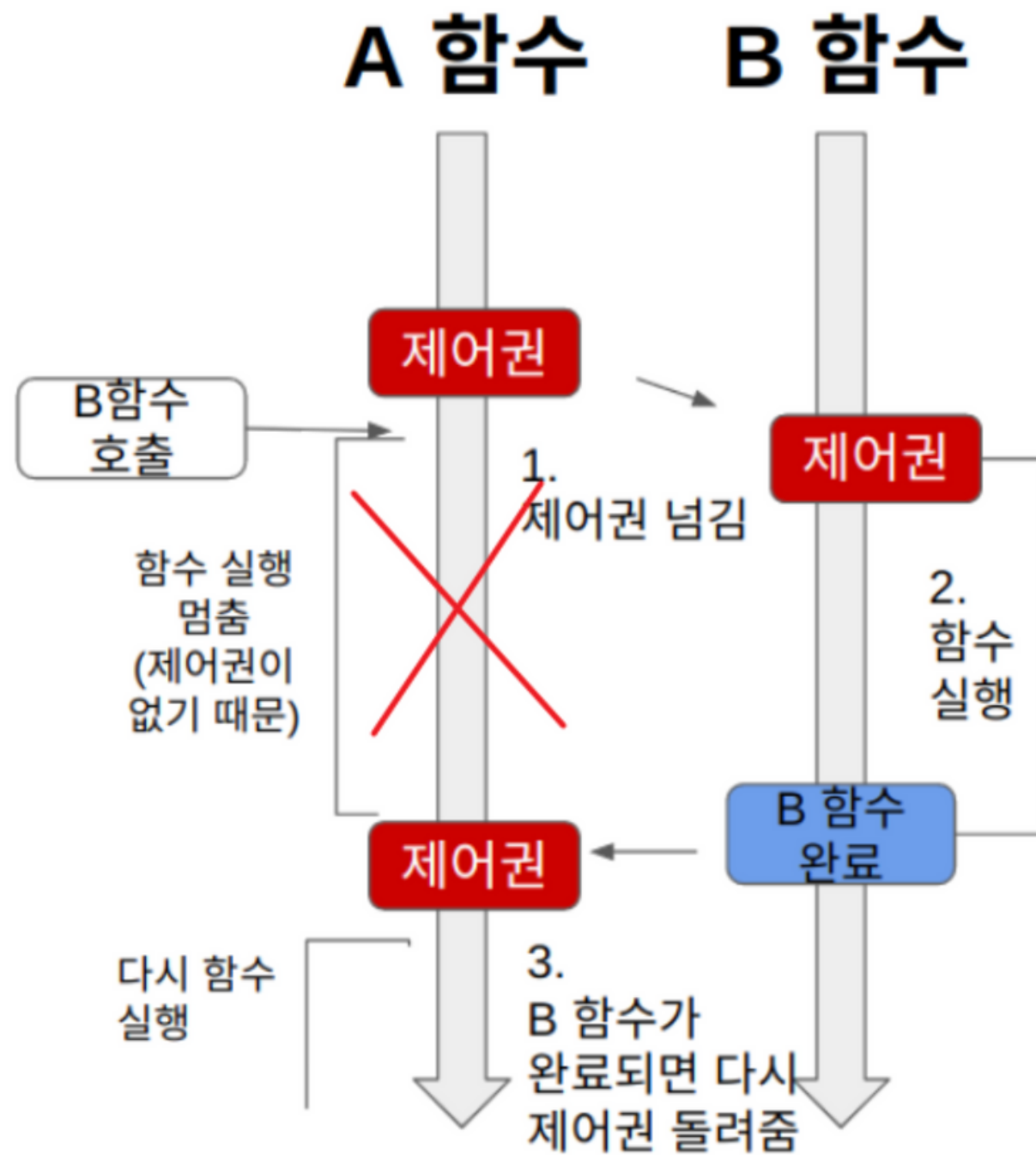


Asynchronous(비동기)



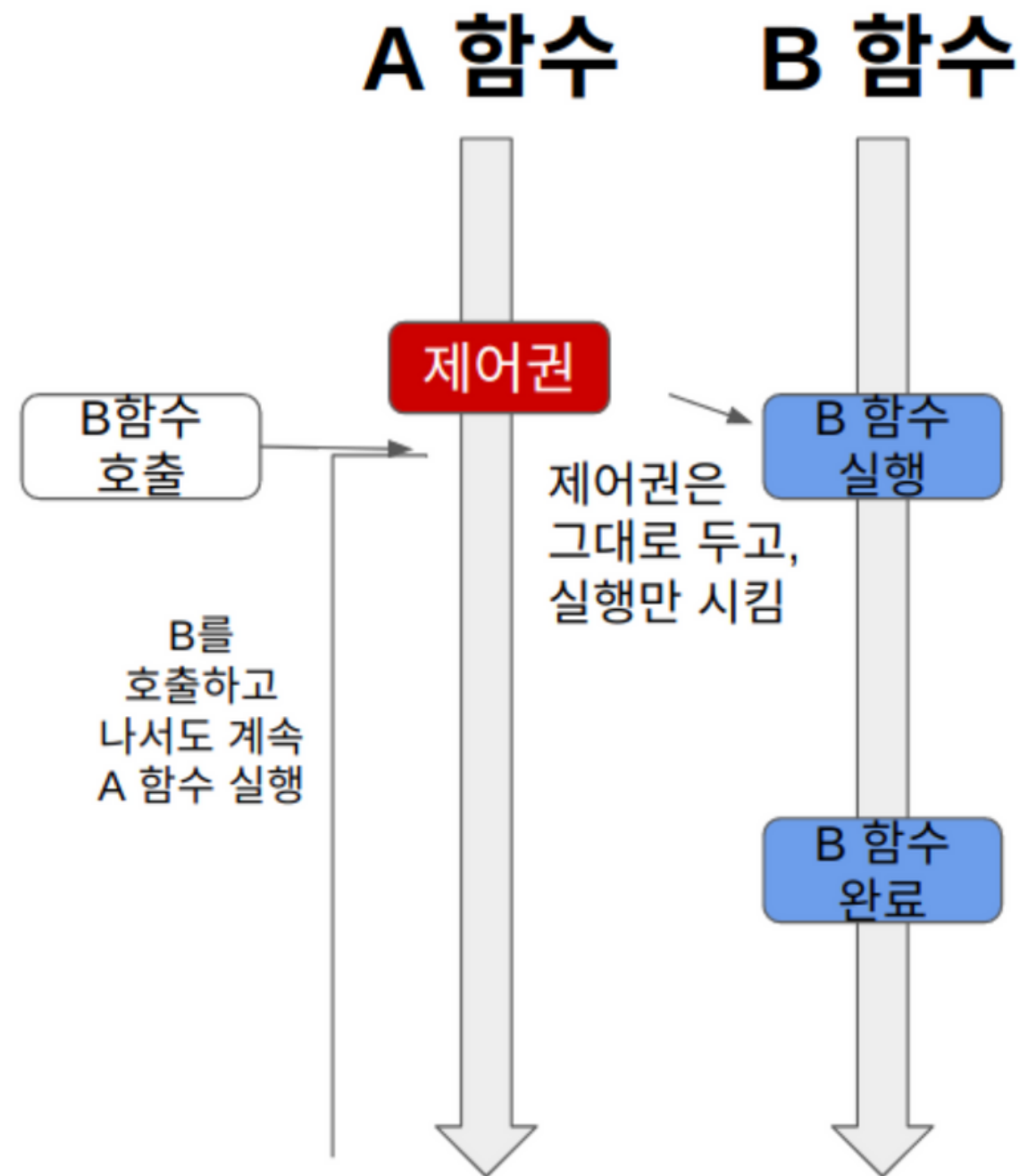


Blocking



- A함수가 B함수를 호출한다.
- 제어권이 B함수로 넘어가면서 B함수를 실행한다
- 제어권을 넘겨 준 A함수는 멈춘다
- B함수가 실행이 끝나면 제어권을 A함수에게 준다
- 제어권을 받은 A함수가 실행된다.

Non-Blocking



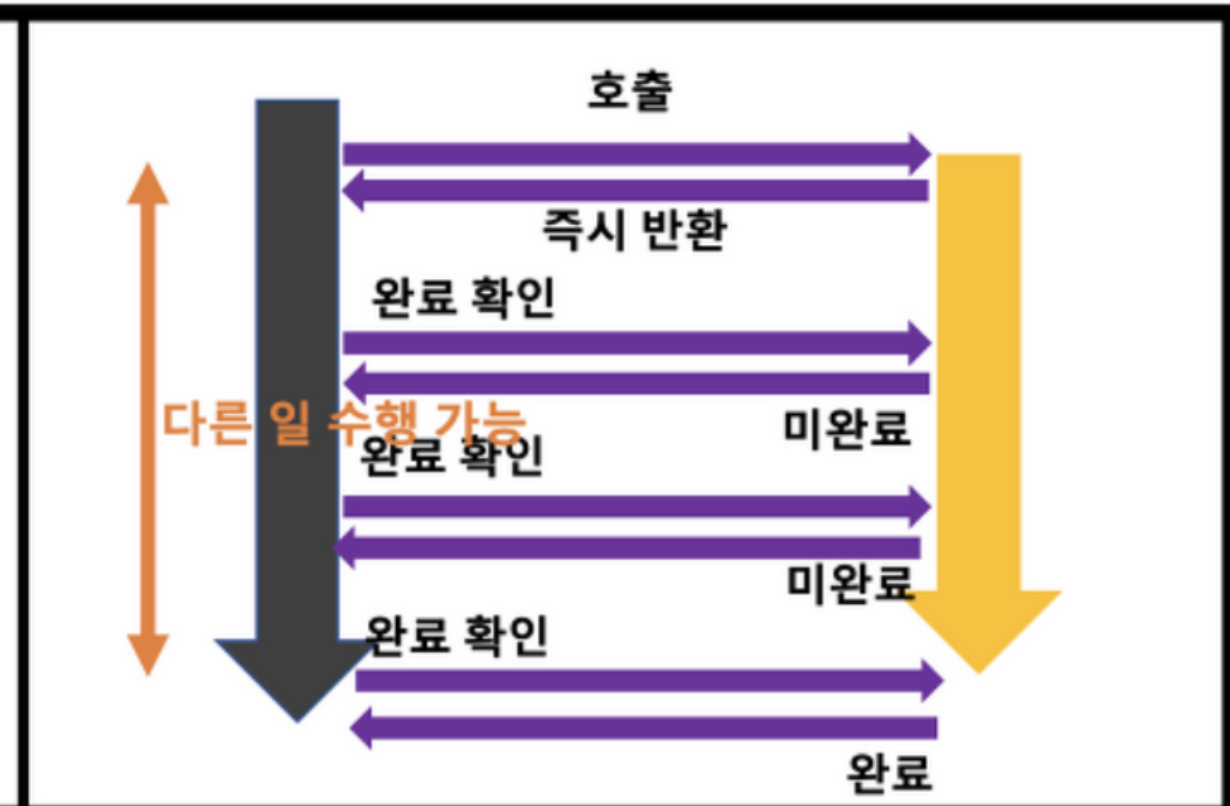
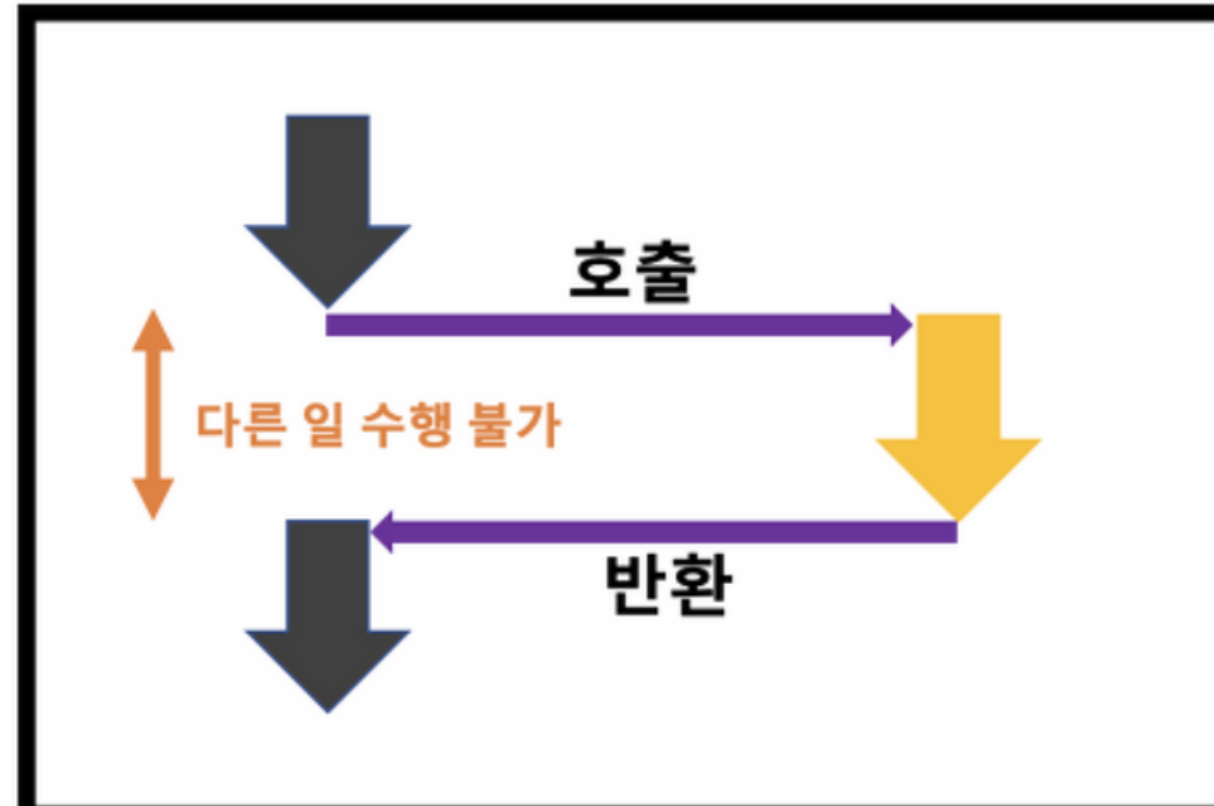
- A함수가 B함수를 호출한다.
- 제어권은 그대로 A함수가 그대로 가지고 있다.
- 호출된 B함수는 실행된다.
- A함수는 제어권을 가지고 있어 계속 실행된다.



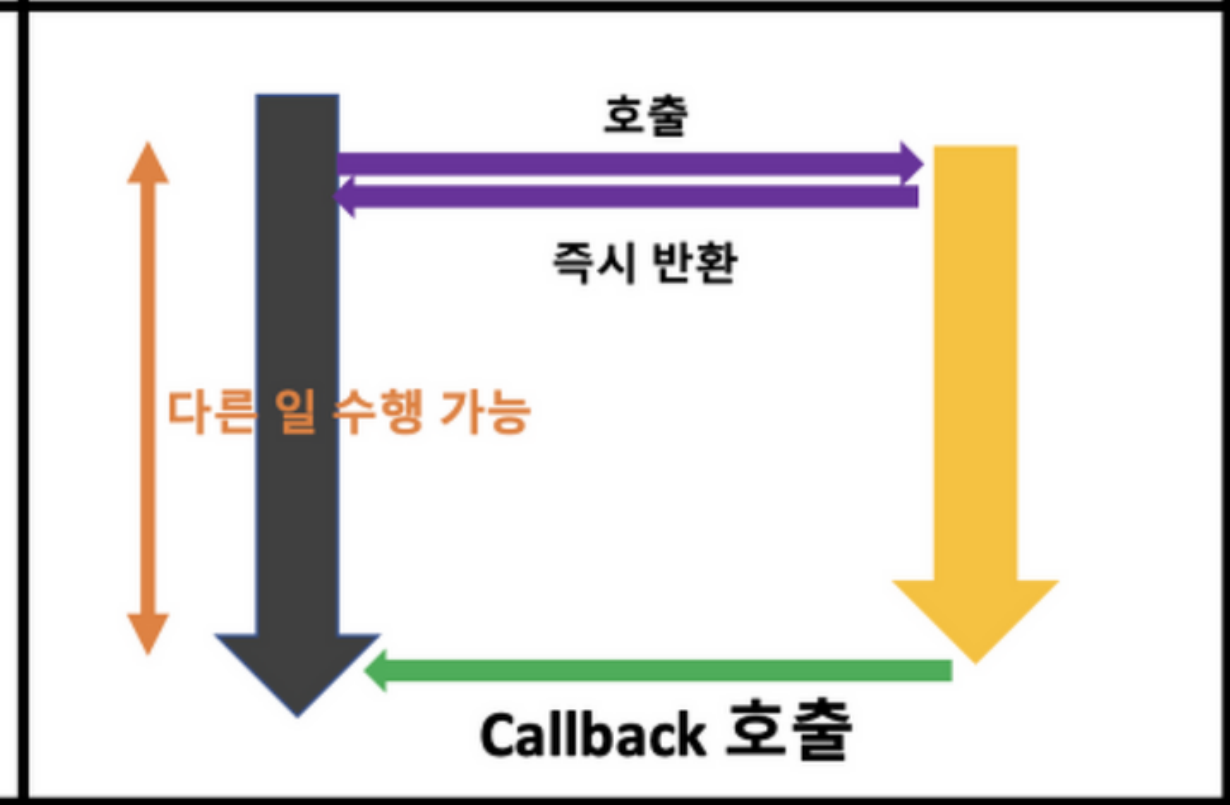
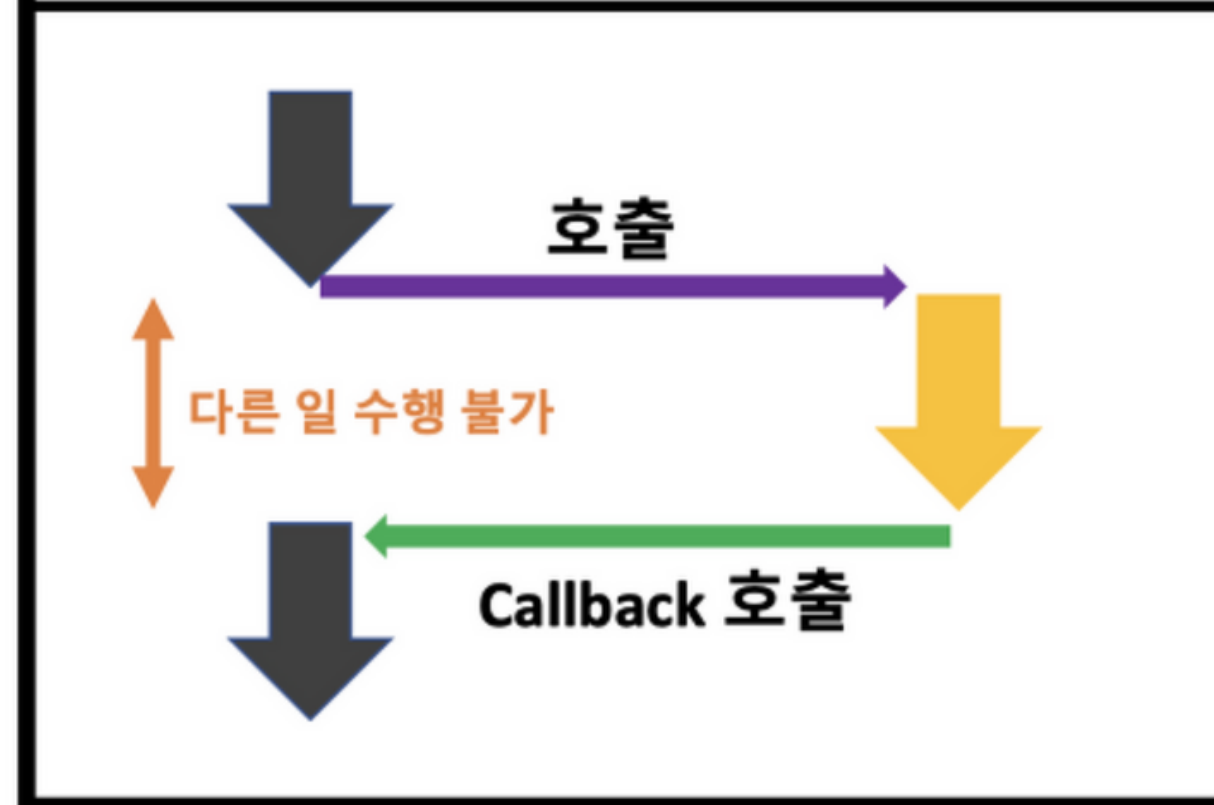
Blocking

Non - Blocking

Synchronous



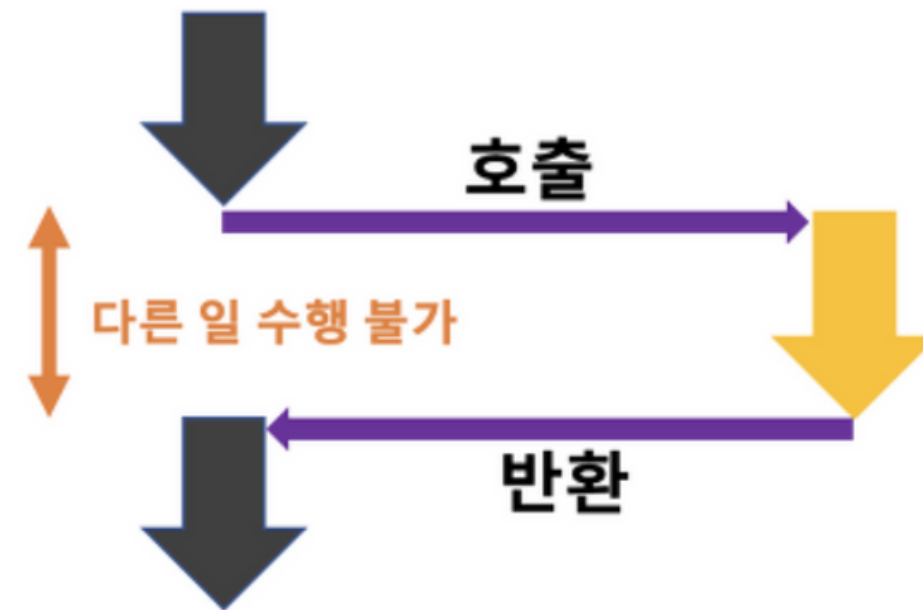
Asynchronous



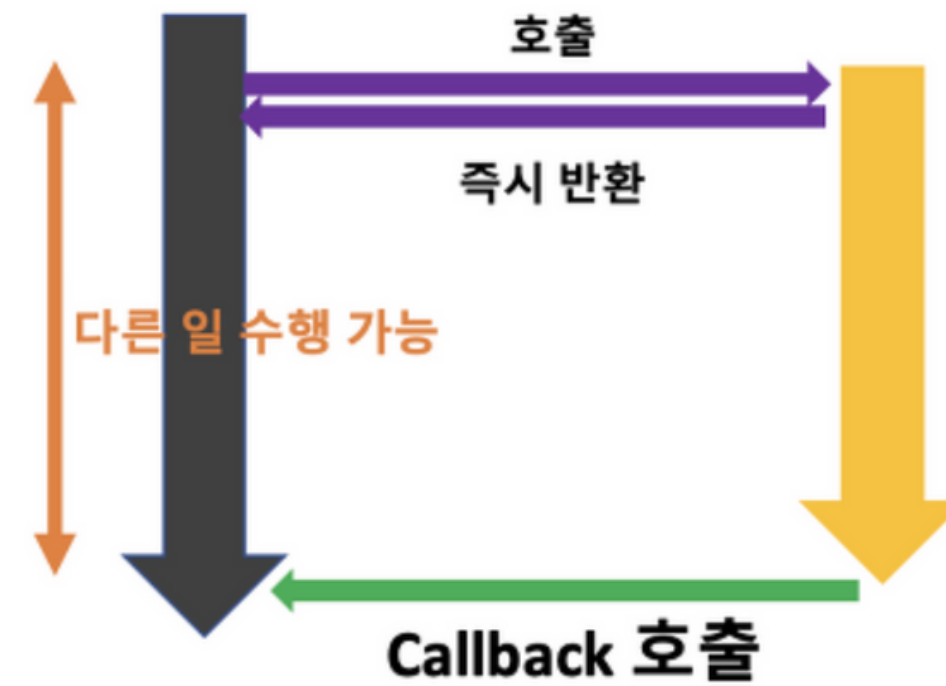
Blocking

Non - Blocking

Synchronous



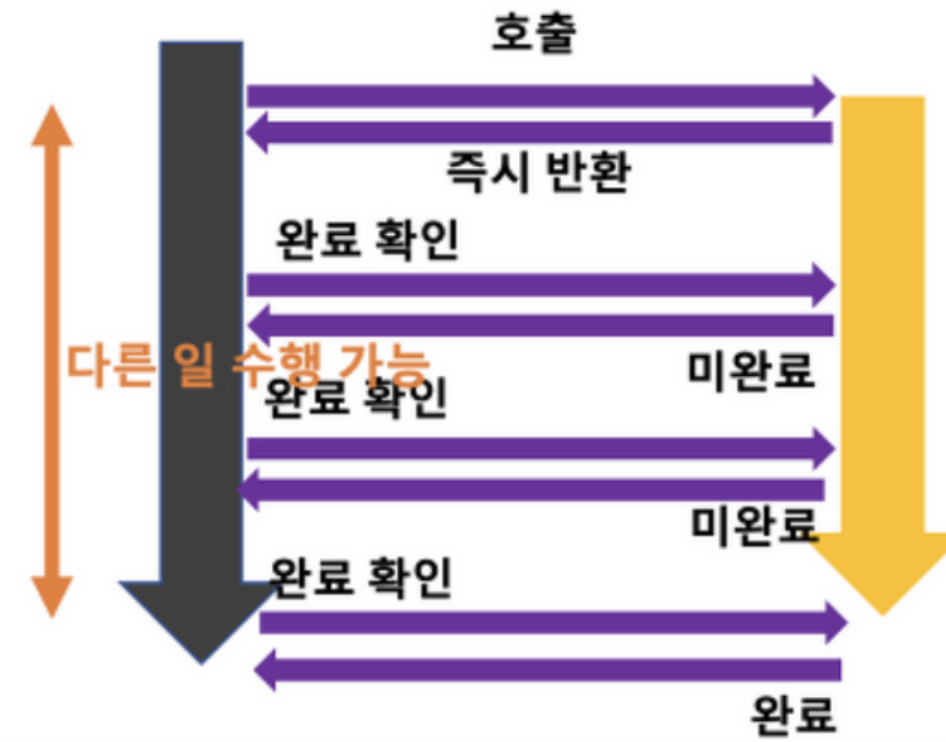
Asynchronous



Blocking

Non - Blocking

Synchronous



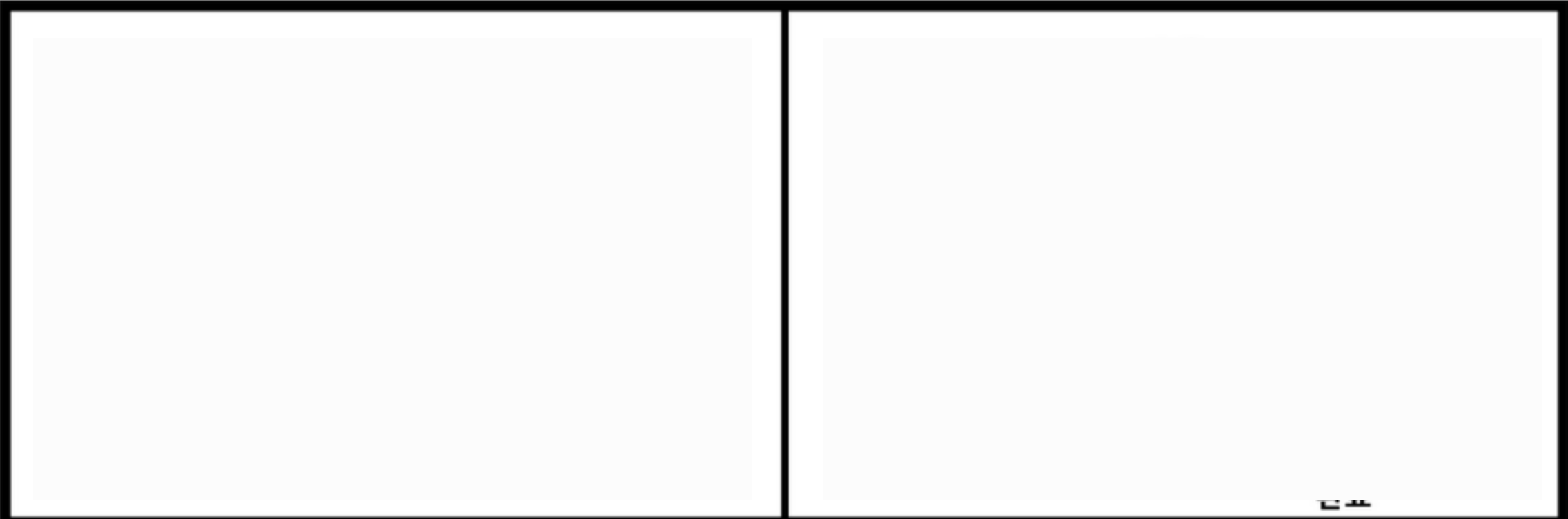
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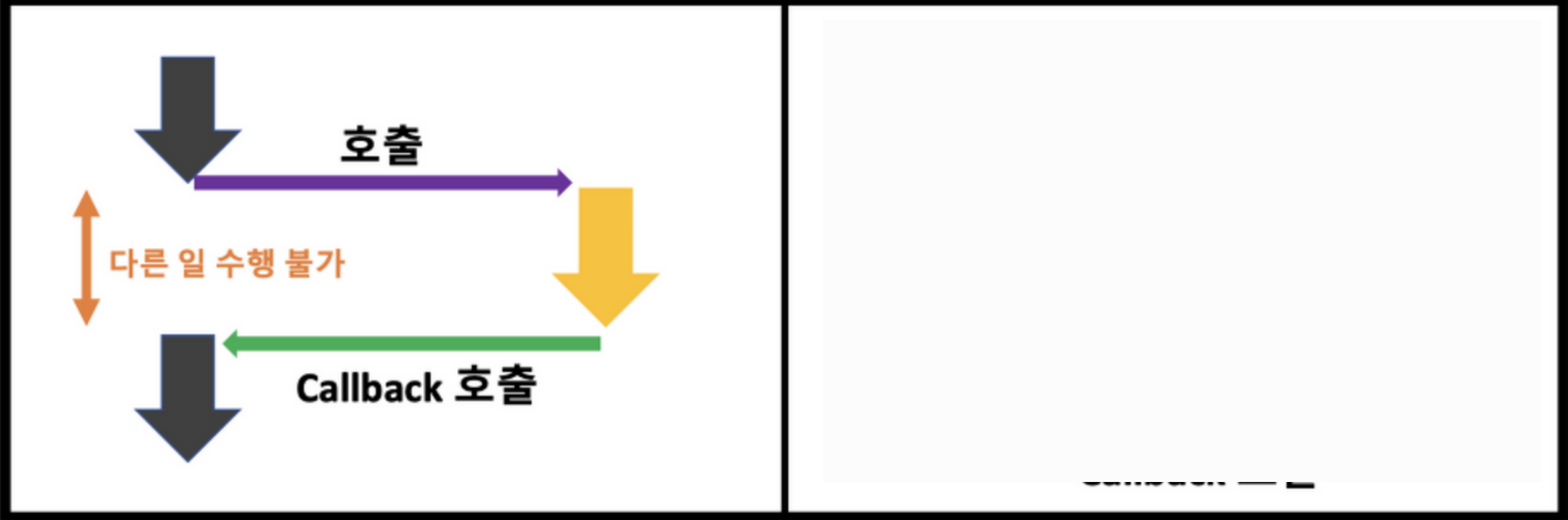
Blocking

Non - Blocking

Synchronous



Asynchronous







Thank You



Source: Blog