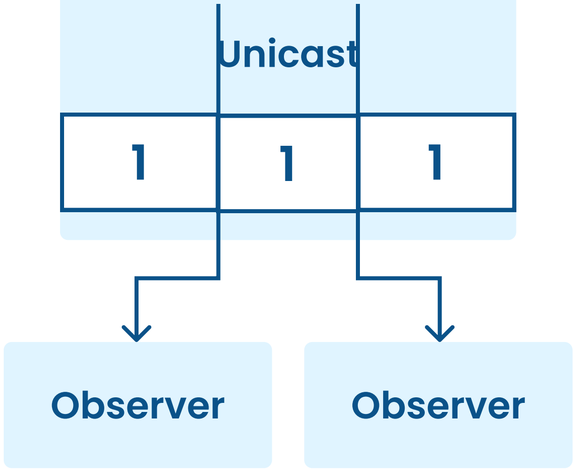
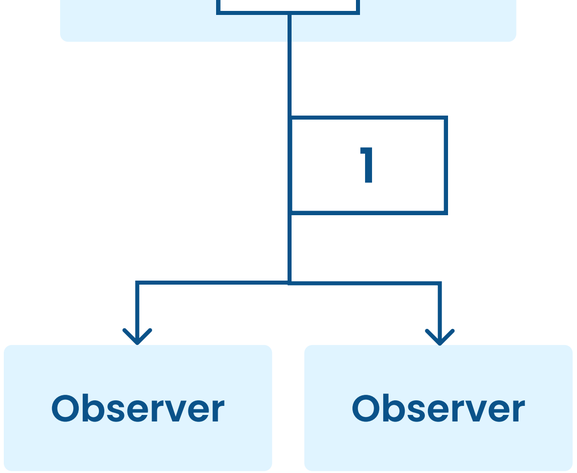
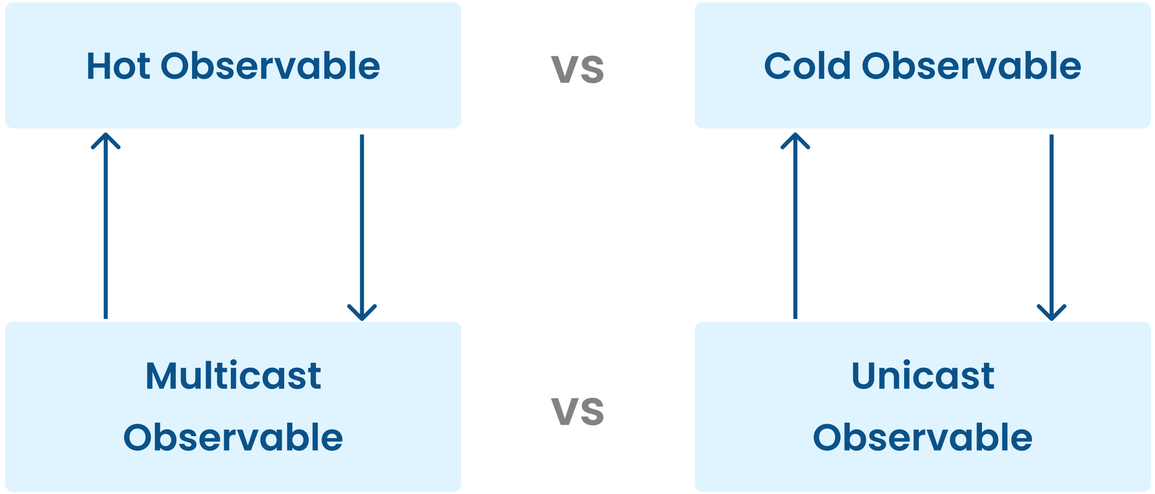
Hot vs Cold Observables

One set of values for all observers





Separate set of values for each observer

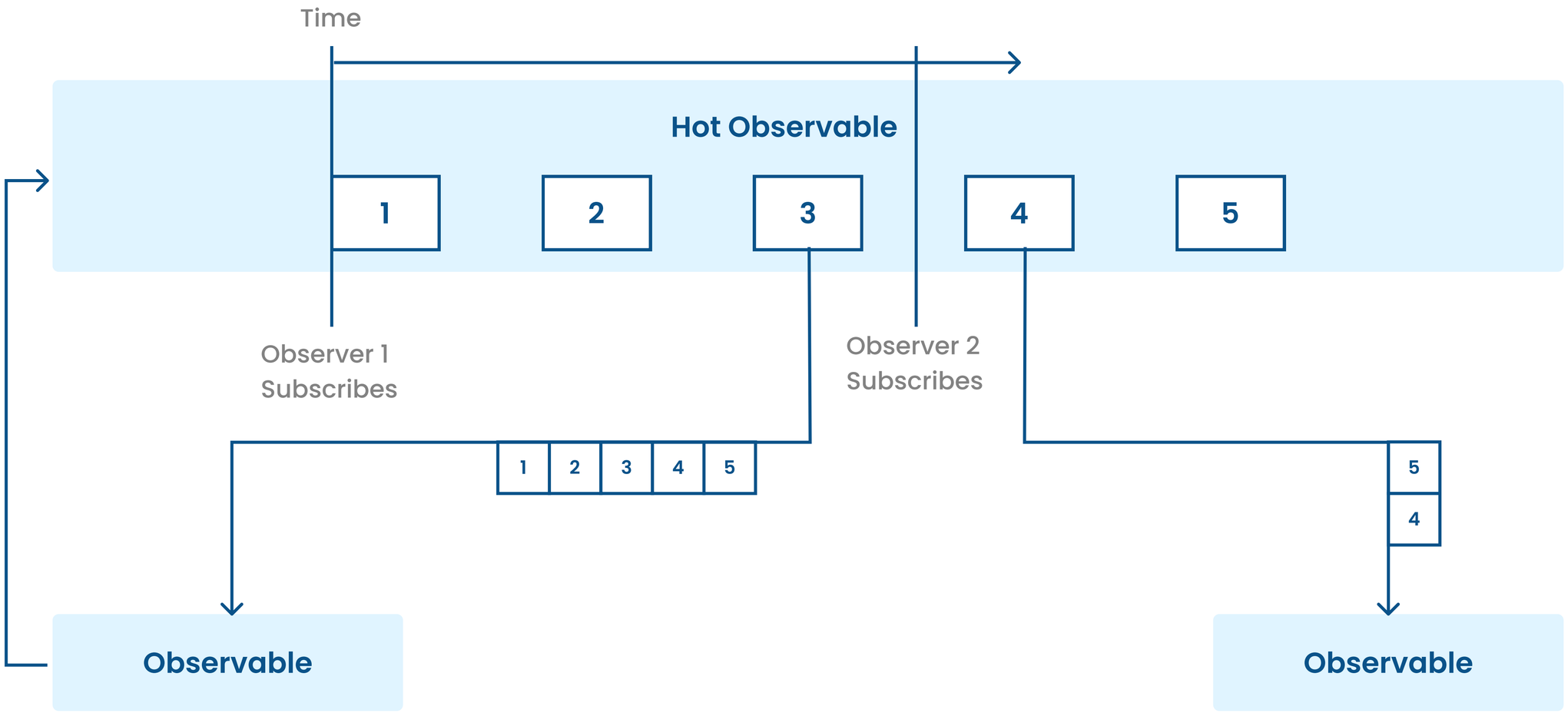

Hot Observable
vs
Cold Observable
Multicast
Observable
vs
Unicast
Observable

Hot Observable

Single event stream shared for all subscribers old and new

Cold Observable

Event stream recreated for each new subscriber

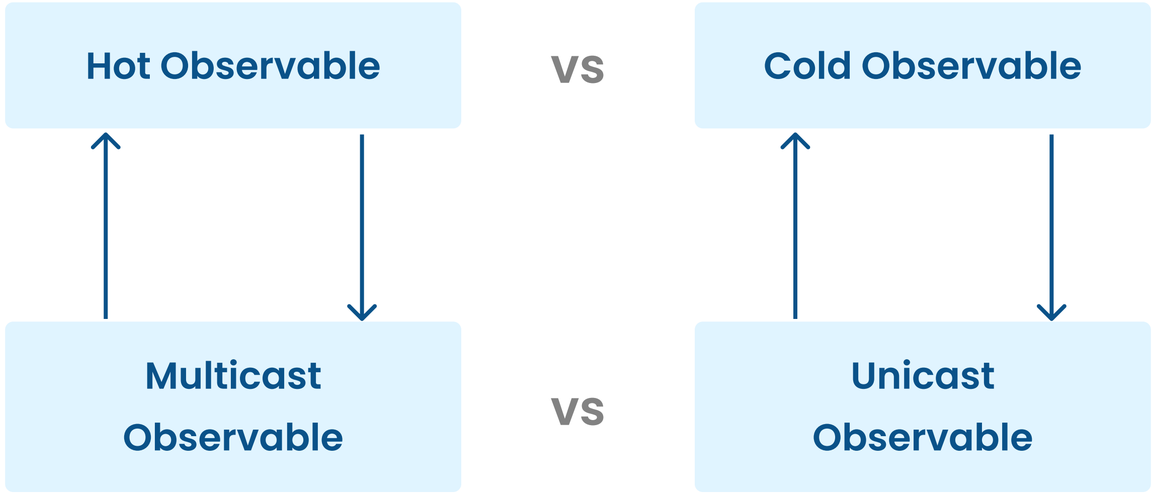

Time
Hot Observable
1
2
3
4
5
Observer 1
Subscribes
Observer 2
Subscribes
1
2
3
4
5
5
4
Observable
Observable

Hot Observable

Single event stream shared for all subscribers old and new

Cold Observable

Event stream recreated for each new subscriber


Hot Observable
vs
Cold Observable
Multicast
Observable
vs
Unicast
Observable