Subscriber — **Publisher**

1. Subscribe
2. onSubscription
3. request(n) / cancel()
4. onNext(data)
5. OnComplete() / OnError()

Subscription

data

Subscribers

Backpresser

Publisher → Consumer → GUI

1000/sec

Dropping

7300/sec

7500/sec can handle

Backpressure

Buffering

onNext(10) ✓   onNext(10)

Publisher → Consumer → GUI

onNext(1) / onN(1) ; 10

onNext(1) ~ (2)

Response

Request

Socket
Channel

Sockets

Outbound Channel Handler

EventLoop

Inbound Channel Handler

Note: Both EventLoop share resources. EventLoop and ScheduledTaskQueue used here are same.

Reactor Netty HTTP Server

ScheduledTaskQueue
Controller Response

'ScheduledTaskQueue'
Database Response

Spring WebFlux
Controller

Webclient
EventLoop

Network I/O
Call

GOT

T

GOT

BB

IPL

BB