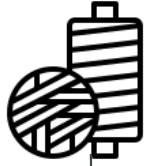


Read thread,  
Reads response to  
websocket write and also  
notification for the  
subscription



New Read Data

if  
justSubscribed  
is true it means it  
response to  
subscription

Yes

No

if  
justUnsubscribed  
is True

Yes

No

it's a notification, get  
subscription id from  
notification use callback  
map to get callback and call  
it

get callback using sub id and call it

pop pending  
subscription and put  
the callback in  
callback map set  
justSubscribed to  
false to continue  
writing

set it to false  
pop front of queue

put the callback in  
callback map with  
subscription id as  
key

pop front of the queue

pop pending  
unsubscription  
set  
justUnsubscribed  
to false  
remove callback  
from callback  
map

Remove Callback  
from the callback  
map

Callback Map

justSubscribed

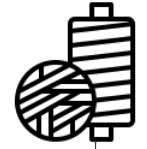
Pending  
Subscription queue

justUnsubscribed

Pending  
unSubscription  
queue

Wait

Write Thread  
Used to subscribe and  
unsubscribe



If  
justSubscribed or  
justUnsubscribed or  
pendingSub or  
pendingUnSub is  
empty

Yes

No

Take queue front of  
pending subscription  
or unsubscription and  
send the request to  
websocket

Set it to be True for subscription

Use this for subscription

Set it to true for Unsubscription

Use this for unSubscription

