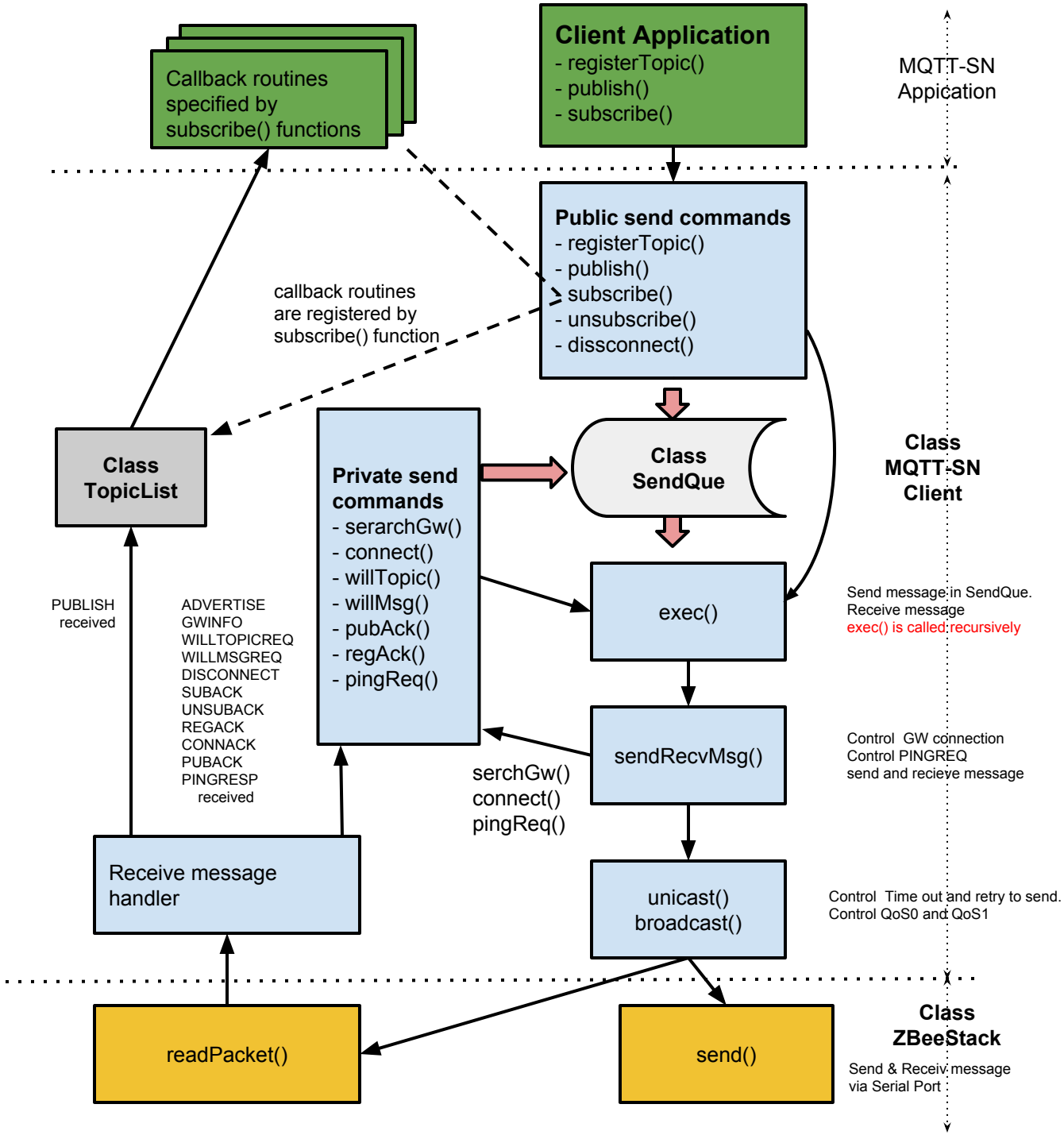
Callback routines specified by subscribe() functions
Client Application
- registerTopic()
- publish()
- subscribe()
MQTT-SN Appication
Public send commands
- registerTopic()
- publish()
- subscribe()
- unsubscribe()
- dissconnect()
callback routines are registered by subscribe() function
Class TopicList
Private send commands
- serarchGw()
- connect()
- willTopic()
- willMsg()
- pubAck()
- regAck()
- pingReq()
Class SendQue
Class MQTT-SN Client
exec()
Send message in SendQue.
Receive message
exec() is called recursively
PUBLISH received
ADVERTISE
GWINFO
WILLTOPICREQ
WILLMSGREQ
DISCONNECT
SUBACK
UNSUBACK
REGACK
CONNACK
PUBACK
PINGRESP
received
sendRecvMsg()
Control GW connection
Control PINGREQ
send and recieve message
serchGw()
connect()
pingReq()
Receive message handler
unicast()
broadcast()
Control Time out and retry to send.
Control QoS0 and QoS1
readPacket()
send()
Class ZBeeStack
Send & Receiv message via Serial Port