

## Xbee baud rate, Serial device MQTT-SN parameters

## **Declare Topics Client useing**

MQString is UTF-8 format string. Topic type is MQString.

```
MQString* topic1 = new MQString("ty4tw/tp1");
MQString* topic2 = new MQString("ty4tw/tp2");
MQString* tpMeasure = new MQString("ty4tw/soilReg");
```

## Declare & registe Tasks executed periodically

Task0() runs every 40 secs.

Task1() runs every 10 secs.

## Declare & register SUBSCRIBE

```
TOPICS_IN_CALLBACK = {
  topic1,
 END_OF_TOPICS
                      Declare Topics which
                       used in callback routines
int on_publish1(MqttsnPublish* msg){
   INDICATOR_OFF();
  return 0;
                         Callbacs which runs when
                          the topic subscribed is
                          received.
int on_publish2(MqttsnPl
  PUBLISH(topic1, "resp", 4,QOS0);
  return 0;
/*-----*/
SUBSCRIBE LIST = {
           {topic1, on_publish1, QOS1}, {topic2, on_publish2, QOS1},
END OF SUBSCRIBE LIST
                           Declare Topics
                           subscribed, callback and
                           QOS
```