PyQt Serial

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import sys
import serial
from serial_test import *
from PyQt5 import QtWidgets
from PyQt5 import uic
from PyQt5 import QtCore
from PyQt5.QtCore import pyqtSignal
import threading
from PyQt5.QtCore import pyqtSlot

ser = serial.Serial(
    port='COM5',
    baudrate=9600
)


def Receive_data(self, ui):
    global data

    while True:
        # data = ser.readline()[0:5].decode()
        # print(data)
        # ui.uiUpdateDelegate.emit(1)

        MyFirstGuiProgram.serial_text.append('1')
        # print(dataa)
        # print(1)
class MyFirstGuiProgram(QtWidgets.QMainWindow, Ui_Dialog):
    global data
    uiUpdateDelegate = pyqtSignal(int)
    def __init__(self, parent=None):
        QtWidgets.QMainWindow.__init__(self, parent=parent)
        self.setupUi(self)
        self.uiUpdateDelegate.connect(self.uiUpdater)
    def uiUpdater(self):
        global data
        self.serial_label.setText(data)
        self.serial_text.insertPlainText(data)

    # @pyqtSlot()
    # def send_data(self):
    #     data_write = self.serial_line.text().encode()
```

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    #     ser.write(data_write)



if __name__ == '__main__':
    app = QtWidgets.QApplication(sys.argv)
    ui = MyFirstGuiProgram()
    ui.show()
    ser.isOpen()
    print(ser.name)
    thread = threading.Thread(target=Receive_data, args=(ser, ui))
    thread.daemon = True
    thread.start()
    sys.exit(app.exec())
```