

eYSIP2016

ROBOT STATE COLLECTOR



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List of all the Protocols

1. The header files provided must be in the same folder as that of the user's code for effectively merging the state collection code.
2. In the GUI provided to the user there has to be a "ip.txt" file which contains the static IP of the server and a "publicKey.txt" which contains the Public Key which would be used to encrypt the Symmetric Key before sending it to the server.
3. In Client Side Code changes have to be made to use the GUI for reading information at a different Baud Rate.

Inside the function SimpleRead(String com) there is a line as follows:
`serialPort.setSerialPortParams(9600,SerialPort.DATABITS_8,SerialPort.STOPBITS_1,SerialPort.PARITY_NONE);`

The required Baud Rate can be written instead of 9600 to read data coming with that Baud Rate.

4. To change the number of readings being sent to the GUI following changes need to be made.

Inside a function called run() there is a command as follows:

`if (count == 48)`

Just change 48 to (4*number of readings per period) to prevent the haphazard storing of data.

5. To change the time after which state is being collected, configure the timer in state collection header file accordingly.