
Subject: Re: About RS232

Posted by [deep](#) on Thu, 09 May 2013 06:58:48 GMT

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Hi Pavel,

Mindtraveller wrote on Sun, 17 March 2013 13:26

2. Datagramms <-> values (protocol stuff).

Actually the main code should work with data. Not with actual bytes you send through serial port. I achieved it with my BNF library which is responsible for using protocols.

That is how it works:

You have external file defining a protocol. BNF takes plain bytes and returns Vector<Value> and back. For example: `***modbus (crc_start byte byte word_be word_be crc_end crc_modbus)`

`| (crc_start byte byte byte word_be crc_end crc_modbus);`

`***icp_din_clear_request "$" HEX:2 "C" "\0D";`

`***icp_din_clear_answer ("!" arg:1 HEX:2) | ("?" arg:0 HEX:2) "\0D";`

....

Here are the most of the concepts I propose. If you find them too complicated, you may just use attached library. If you consider using all these levels of abstraction in U++, we may discuss it further.

I would like to use all these ideas in U++. I want to begin with modbus-rtu or modbus-ascii.

Can you give further info about BNF?

Thanks and regards.

Deepak
