## Subject: Re: About RS232
Posted by deep on Thu, 09 May 2013 06:58:48 GMT

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 comlicated, 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