Modbus Poll

Modbus Poll is the very popular Modbus master simulator for test and debug of your slave devices. Supports Modbus RTU/ASCII and Modbus TCP/IP.
Modbus Poll is a Modbus master simulator designed primarily to help developers of Modbus slave devices or others that want to test and simulate the Modbus protocol. With the multiple document interface you can monitor several Modbus slaves and/or data areas at the same time. For each window you simply specify the Modbus slave ID, function, address, size and poll rate. You can read and write registers and coils from any window. If you want to change a single register, simply double click the value. Or you can change multiple registers/coils. Multiple data formats such as float, double and long with word order swapping are available.

If you are a slave developer you can compose and send your own test strings in the "test center" and check the result from the slave in hex numbers.
OLE Automation for interfacing with Excel. To interpret and show the Modbus data according to your specific requirements. E.g. edit data in Excel and then transmit the data to your slave device! Try the Excel example.xlsm installed with the program.

Supported protocol variants:
- Modbus RTU
- Modbus ASCII
- Modbus TCP/IP
- Modbus RTU Over TCP/IP
- Modbus ASCII Over TCP/IP
- Modbus UDP/IP
- Modbus RTU Over UDP/IP
- Modbus ASCII Over UDP/IP

MODBUS POLL Technical Facts and Features:
- OLE Automation for easy interface to Excel using Macro language VBA
- Read/write of up to 125 Registers
- Read/write of up to 2000 Inputs/Coils
- Test Center (Compose your own test strings)
- Print and print preview
- Monitoring of serial data traffic
- Data logging to text file
- Data logging direct to Excel
- Context sensitive help
- 12 Display formats such as float, double etc.
- Adjustable Address Base (0 or 1)
- Font and selection

- Conditional color selection
- Broadcast (slave ID 0)
- Easy control of RS-485 converters with RTS toggle
- ENRON/DANIEL Mode

Supported Modbus Functions:
- 01: Read coil status
- 02: Read input status
- 03: Read holding registers
- 04: Read input registers
- 05: Force single coil
- 06: Preset single register
- 15: Force multiple coils
- 16: Preset multiple registers
- 17: Report slave ID
- 22: Mask write register
- 23: Read/Write registers