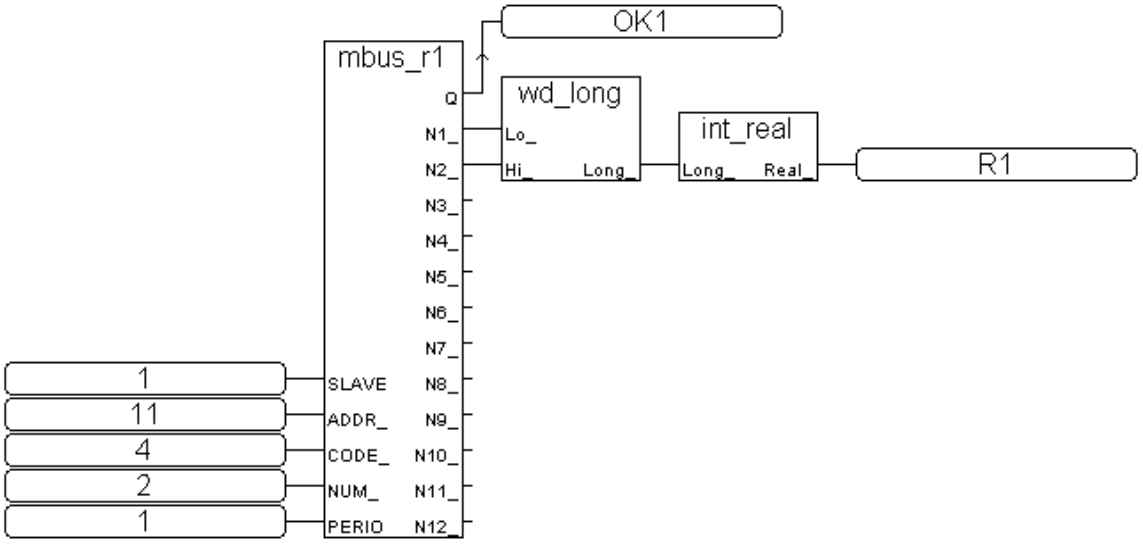
How to Read or Write Floating Point Value to Modbus RTU Slave device ?

Download FAQ-047 Demo.

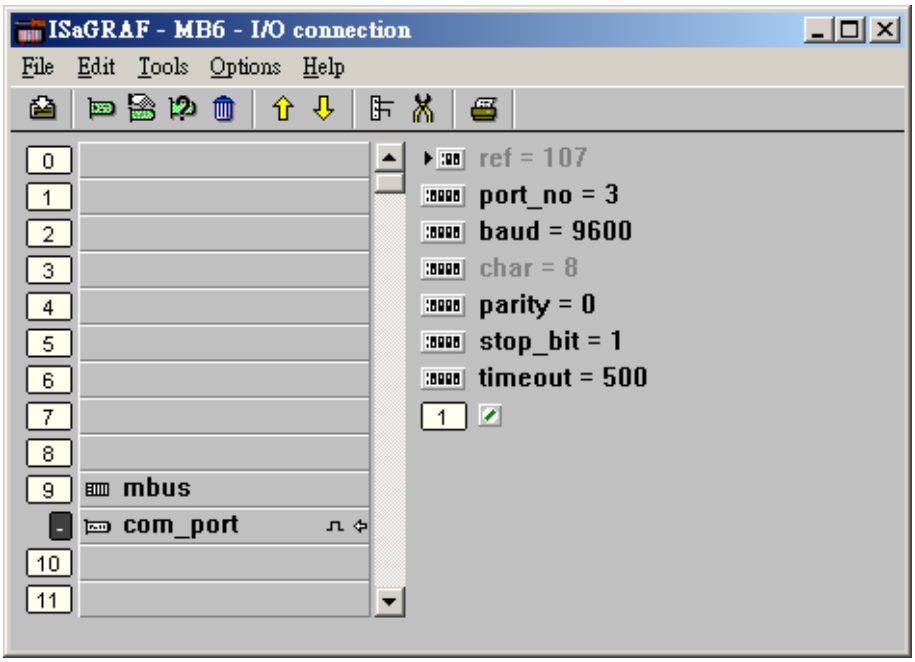
Visit FAQ-027 and FAQ-028 for more information about **Modbus RTU Master** functions.

1. Read floating point value (Real value), R1 is declared as internal Real. OK1 is internal Boolean.

> Request 1 Real Val (2 words) every 1 second by using “Mbus_r1” from Modbus RTU slave device of NET-ID =1, Modbus addr starting from 11, using Modbus call 4



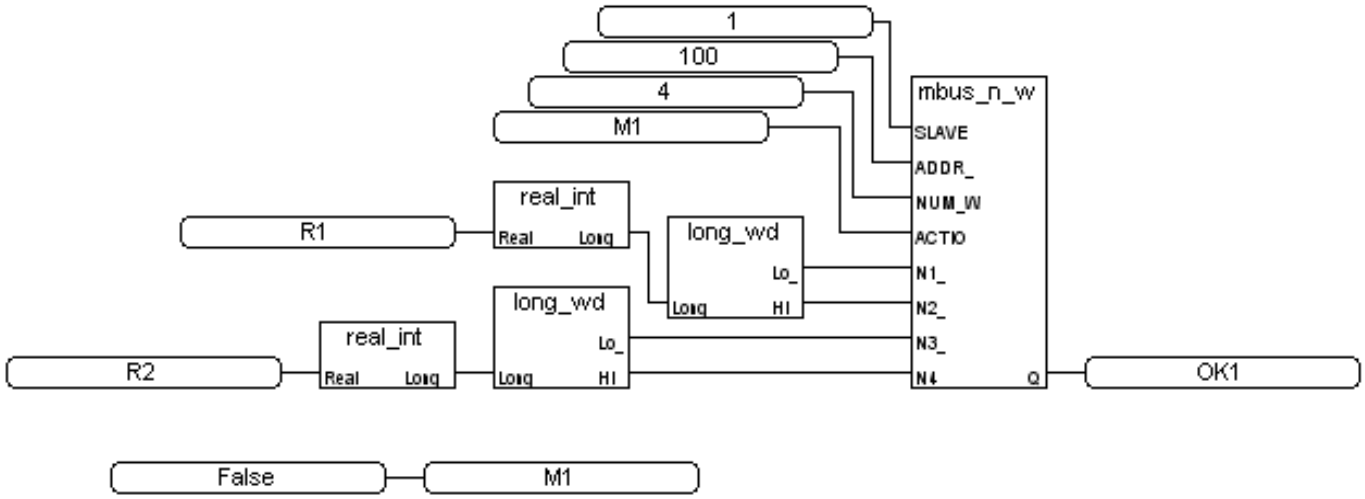
I/O connection: Please remember to connect “mbus” in the ISaGRAF I/O connection windows (or if your device support Modbus ASCII, please use “mbus_asc”).



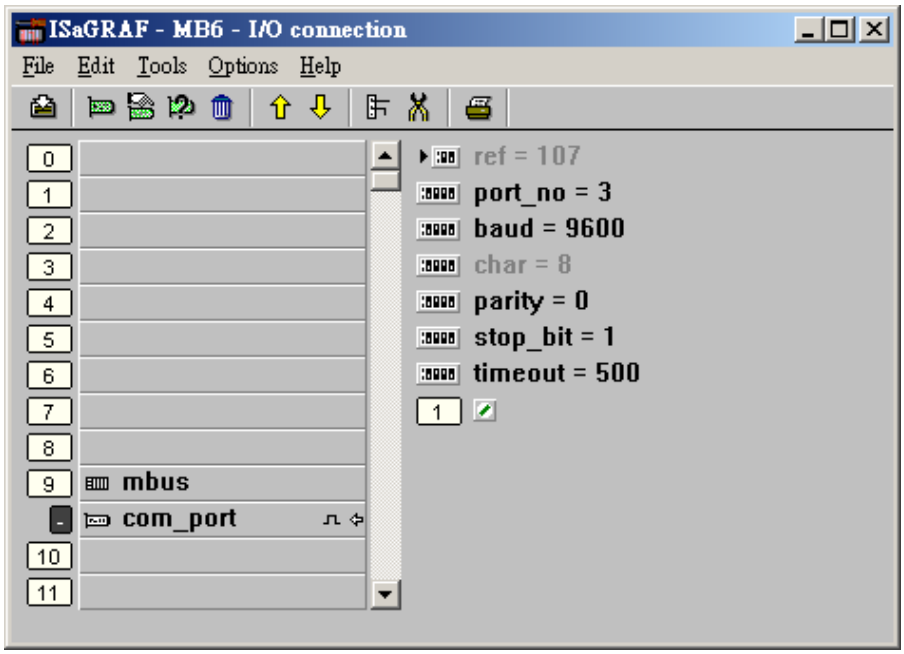
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2. Write floating point value (Real value)
   R1 & R2 are declared as internal Real, M1 & OK1 are internal Boolean.

> Write 2 Real Value (4 words) to Modbus RTU device of Net-ID=1, Modbus address starting from 100, write once when M1 is set to True. “Mbus_n_w” using Modbus function call 16 to write 2 to 4 words. While function call 6 to write 1 word.



I/O connection: Please remember to connect “mbus” in the ISaGRAF I/O connection windows (or if your device support Modbus ASCII, please use “mbus_asc”).



Click the link for more ISaGRAF FAQ

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