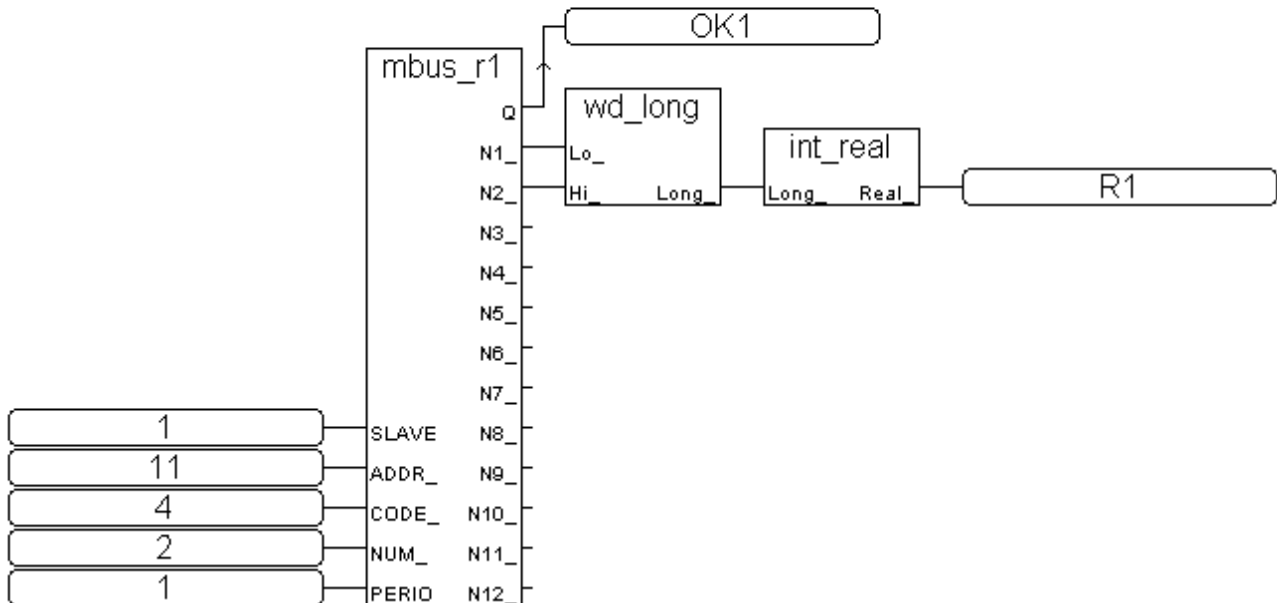


## How to Read or Write Floating Point Value to Modbus RTU Slave device ?

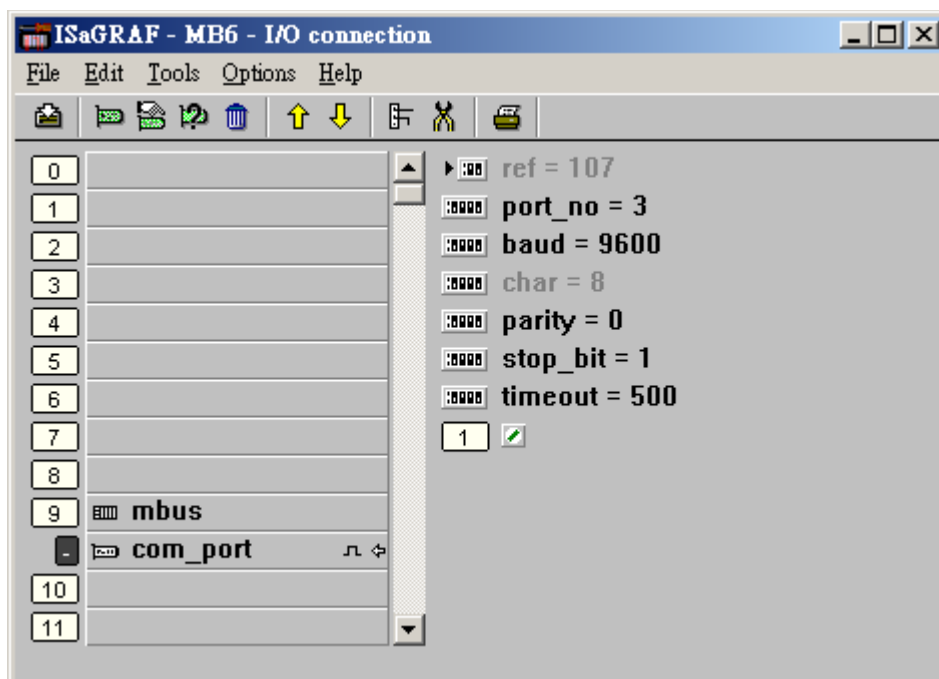
Please visit <http://www.icpdas.com/faq/isagraf.htm> FAQ-027 & 028 for more information about Modbus RTU Master functions

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” ).

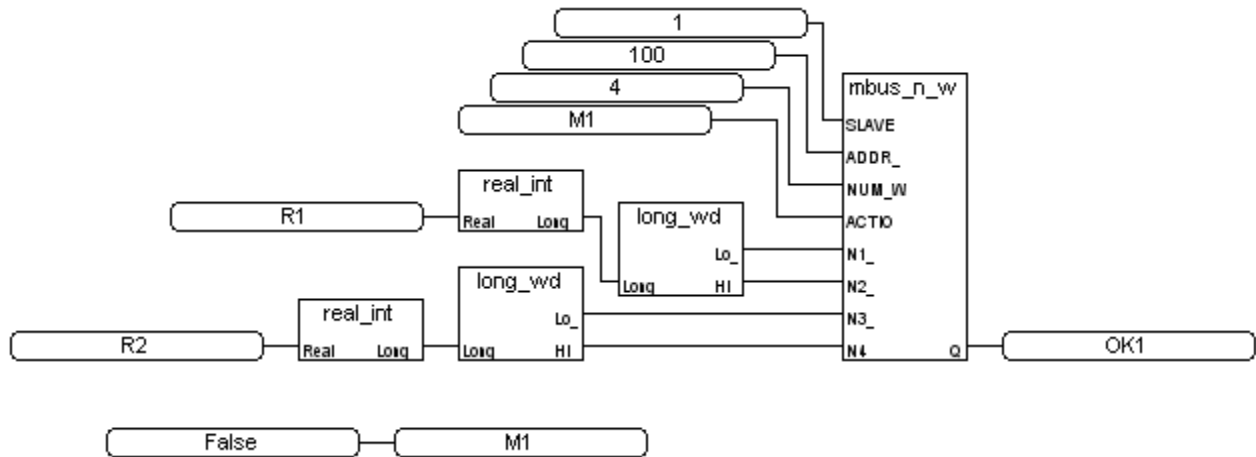


You may download this example program at <http://www.icpdas.com/faq/isagraf.htm> FAQ-047

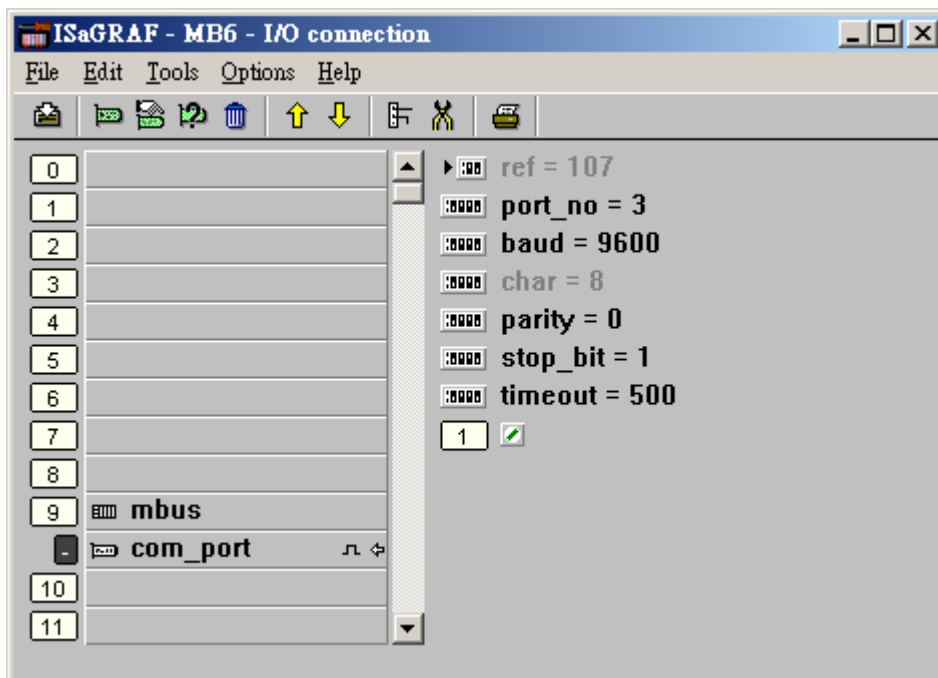
## 2. Write floating point value (Real value)

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 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”).



You may download this example program at <http://www.icpdas.com/faq/isagraf.htm> FAQ-047