Modbus using in LabVIEW

   1. Free download NI's Modbus library (for LabVIEW 7.1)
http://sine.ni.com/apps/we/niepd_web_display.display_epd4?p_guid=F15
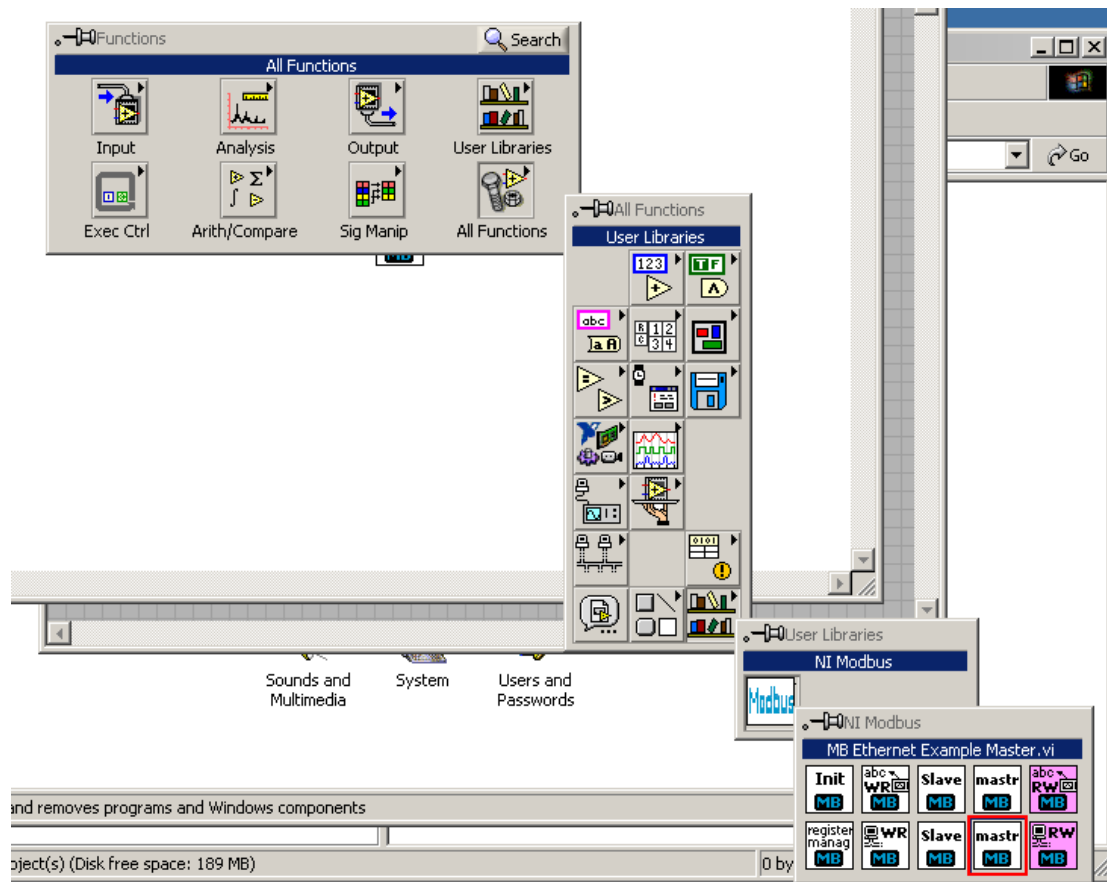82737BACF5CA8E0340003BA7CCD71

or download the MGIModbus (for LabVIEW 6.1)
http://sine.ni.com/apps/we/niepd_web_display.display_epd4?p_guid=F15
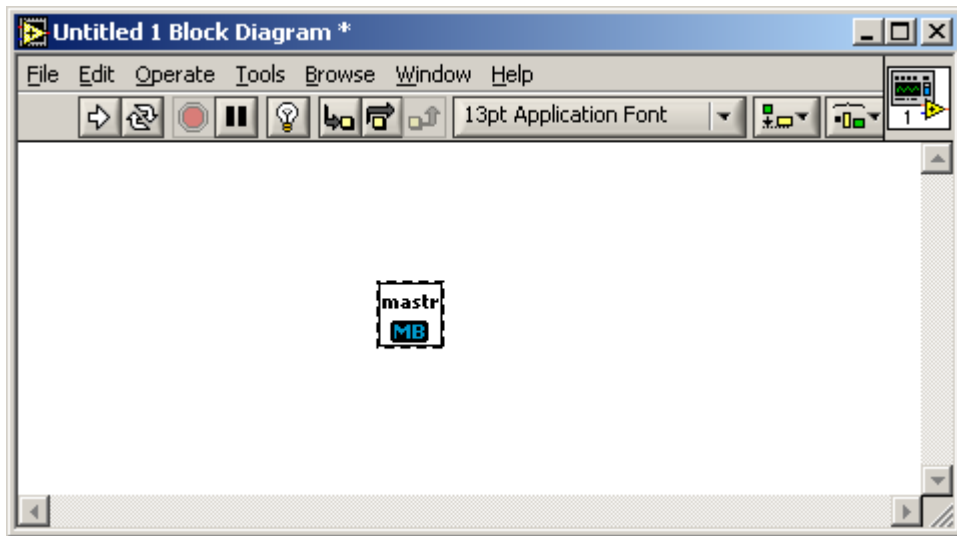82737BACF5CA8E0340003BA7CCD71

   2. Install NI's Modbus library, or unzip MGIModbus and copy the two
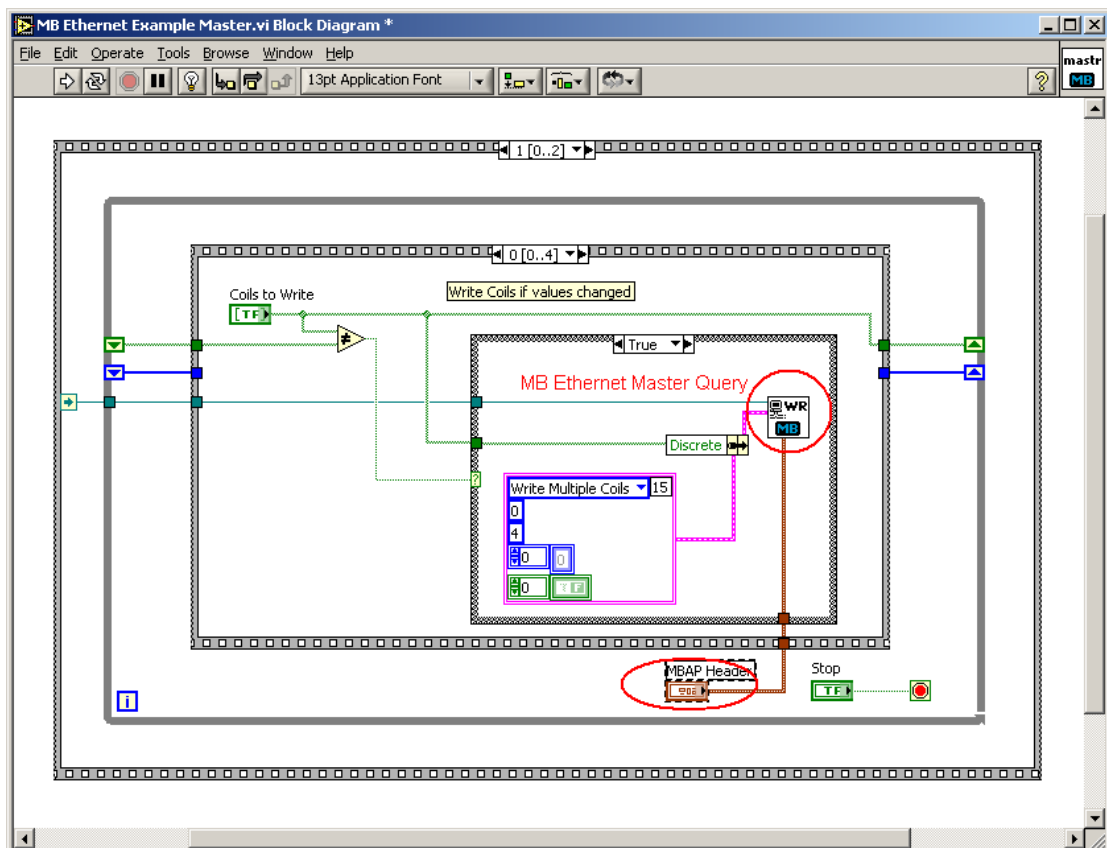folders into LabVIEW.

Modbus/TCP

   1. Open MB Ethernet Example Master.vi from
"Functions Palette" >> "User Libraries">> "NI Modbus">> "MB
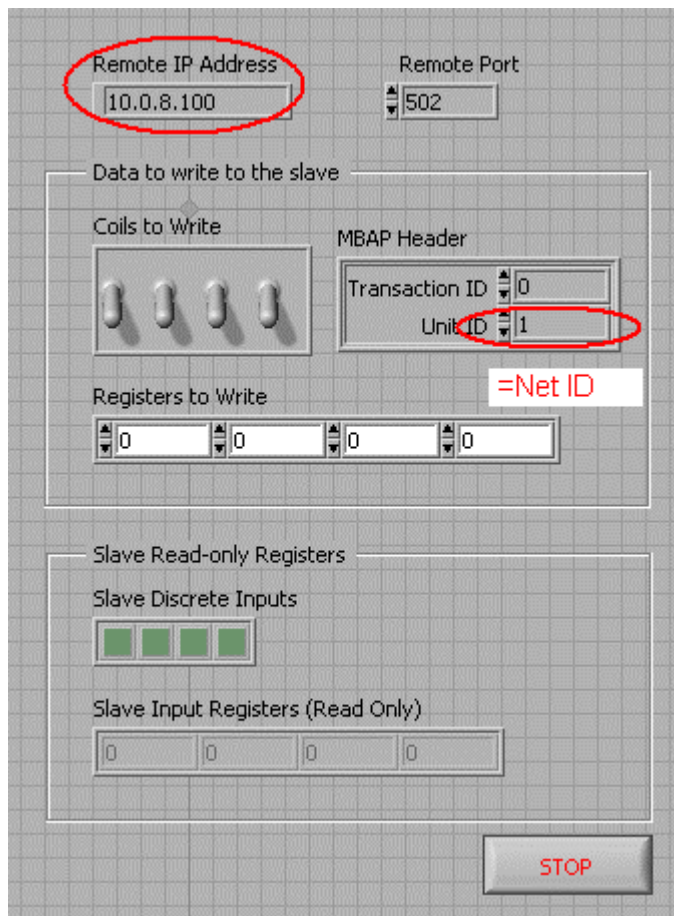Ethernet Example Master.vi"

2. Double-click the icon to open it

3. Create MBAP Header of "MB Ethernet Master Query.vi" and link the controller to "MB Ethernet Master Query.vi" in frame0 ~ frame 3
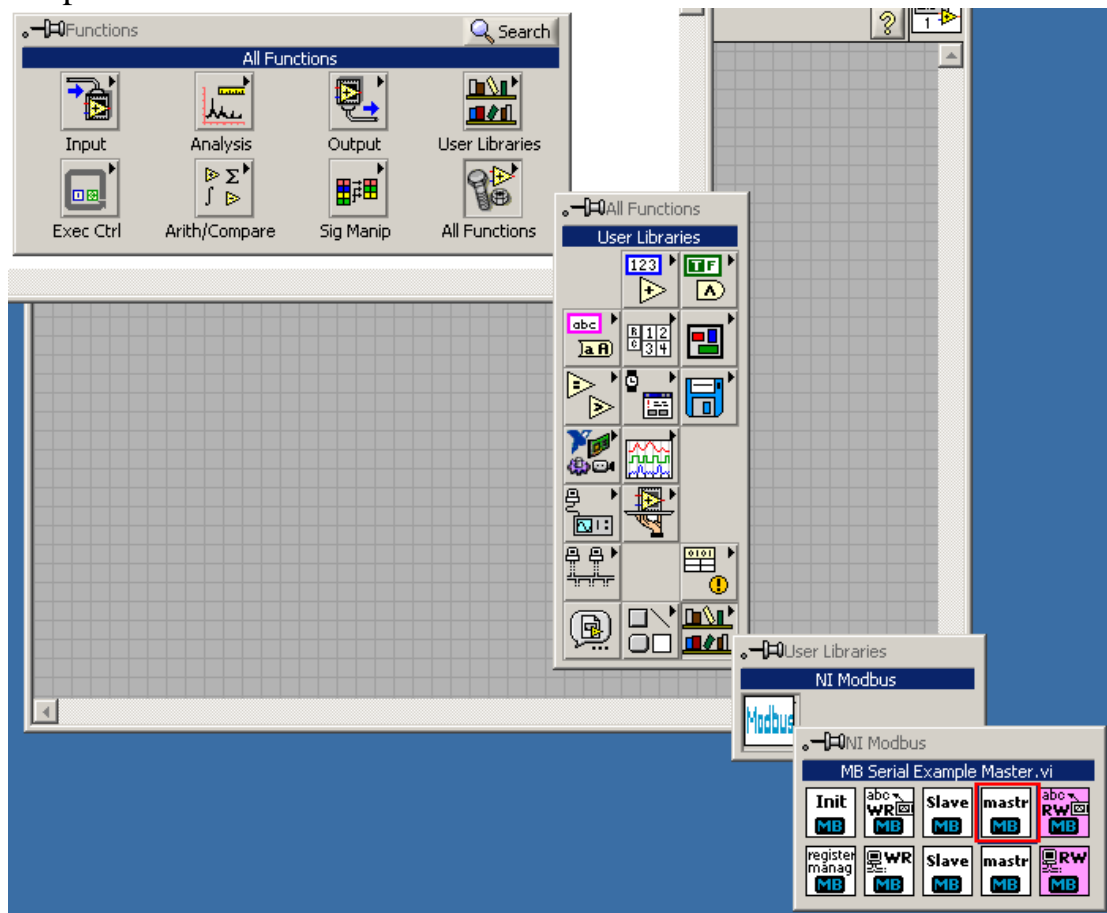
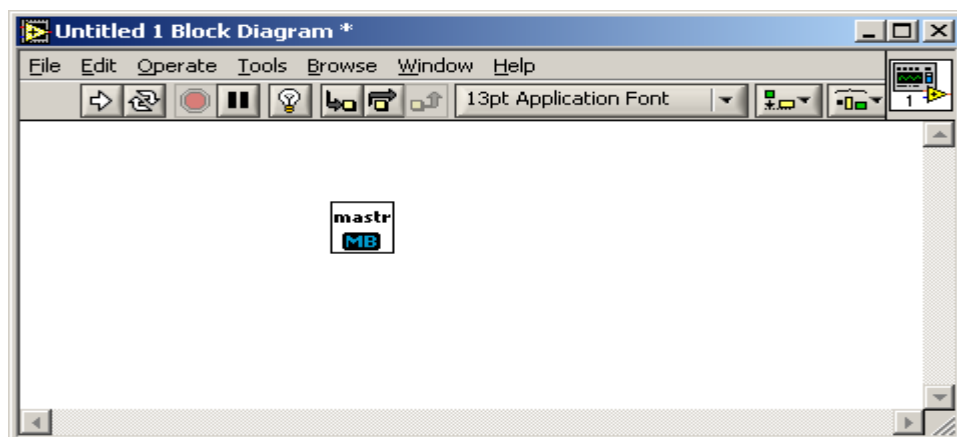## 4. Set IP and NetID of remote Modbus slave

5. Run the VI.

Modbus/RTU

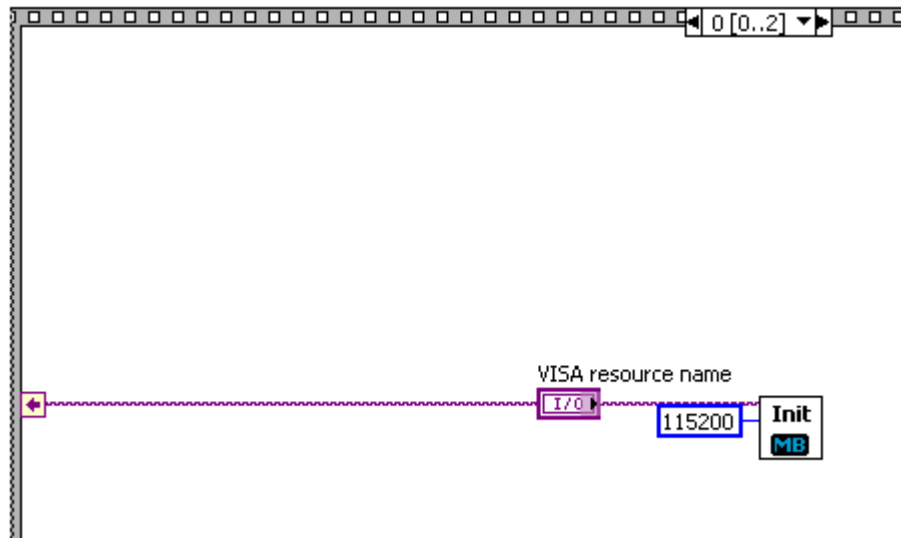**1. Make sure the PC have VISA runtime installed.**

2. Open MB Serial Example Master.vi from
"Functions Palette" >> "User Libraries">> "NI Modbus">> "MB Serail
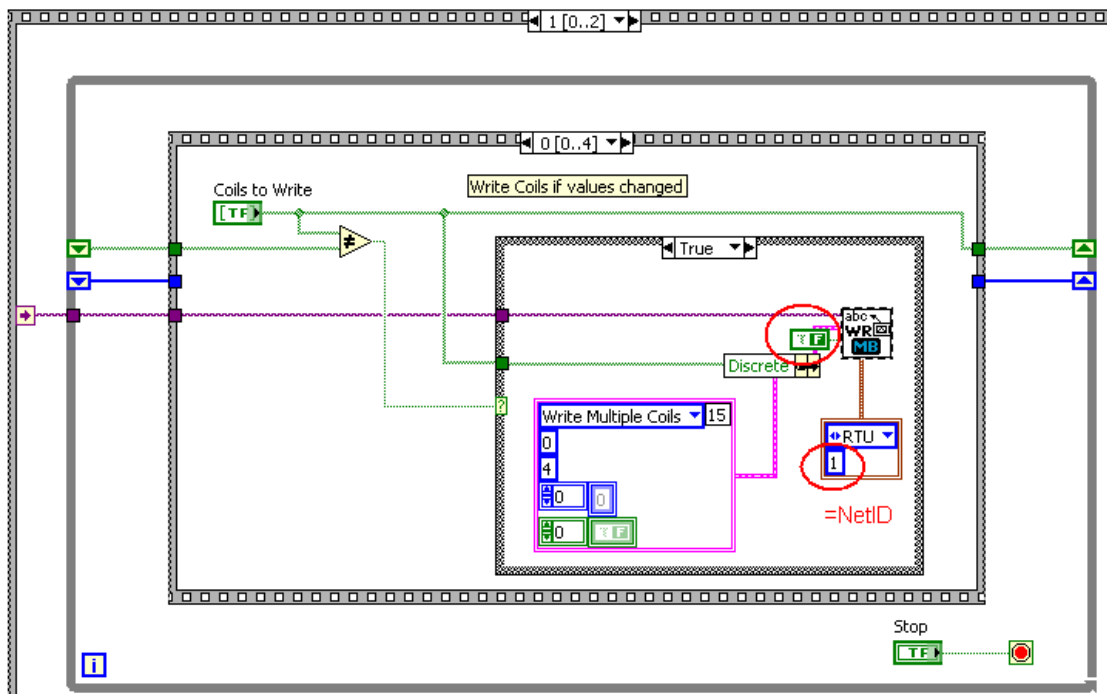Example Master.vi"

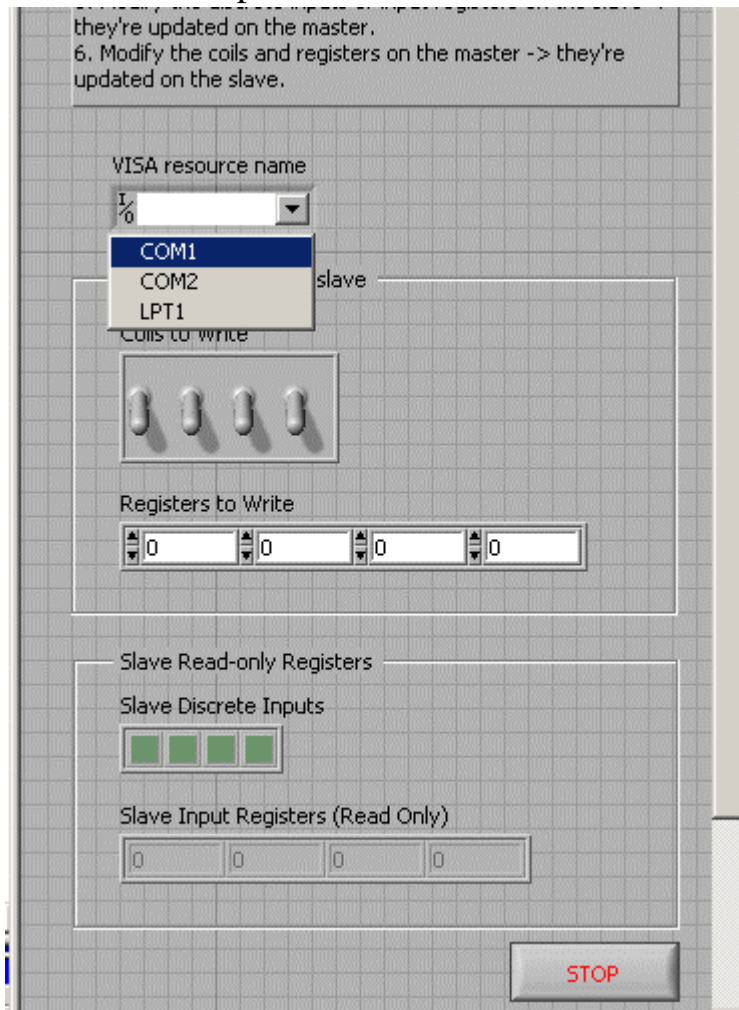

3. Double-click the icon to open it

4. Set the baud rate of "MB Serial Init.vi" corresponding with baud rate of Modbus Slave.

5. Modify "MB Serial Example Query.vi" in frame0 ~ frame3:
Set "False" to "Use Modbus Data Unit?" and "NetID" of Slave to "Slave Address".

6. Select COM port

7. Run the VI.