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## Radzio Modbus Master Simulator | Modbus Scanner | Modbus Client

Are you looking for a software to test your slave devices Modbus RTU or Modbus TCP? Well your search ends here.

The Radzio Modbus Master simulator is an excellent tool to simulate a Modbus Master and test slave devices. Moreover it is available completely free of cost.

Features:

-Supports Modbus RTU and Modbus TCP/IP

-Read Coil status (0xxxx), Input status (2xxxx), Input registers (3xxxx), and holding registers (4xxxx)

- Data can be displayed as: Decimal, Integer, Hexadecimal, Binary, 32 bit float,

32 bit sw. float, 64 bit float, 64 bit sw. float

-Supports multiple connections

-Connection definitions can be saved for use in future

-Extremely easy to use with its intuitive interface

-Completely Free ! download and start using

Configuring and using it is extremely simple:

1) Start the Modbus master simulator





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2)Click on the 'New File Icon'

0	Radzio! Modbus	Master Simulator	- 🗆 🗙
File Edit Connection Setup Window Help			
Tx : 0 B 0.000 KB/s Rx	(: 0 B 0.000 KB/s Requests : 0 0.00/s	Responses : 0 0.00/s	li

3)This brings up the New file screen

	Radzio! Modbus Master Simulator		- 🗆 🗙	
File Edit Connection Setup Window Help	File Edit Connection Setup Window Help			
	NONAME1			
Device Settings	Frame counters Number of polls : 0			
Device ID 1 Coll status	Valid responses : 0			
Audress 0 Length 10 C Hexadecimal C Shor hoat C Binary C 64bit sw. float	Reset			
Alias 0				
0				
2				
3 4				
5				
6 7				
8				
0				



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## 4) Now click on Connection->Settings

<b>@</b>	Radzio! Modbus Master Simulator	- 🗆 🗙
File     Edit     Connection     Setup     Window     Help		
Settings         Display options           Device Settings         Coll status         Coll coll status           Device ID         1         Coll status         Coll coll status           Address         0         Length         10         Coll status	NONAME1           Float         Frame counters           sw. float         Number of polls : 0           valid responses : 0         0           Errors : 0         0           Reset         0	
Alias         0           0		
9		
0		

5) This brings up the settings dialog box. You can select the protocol and set the communication parameters for the protocol using this dialog box.

	Radzio! Modbus Master Simulator	- 🗆 🗙
File Edit Connection Setup Window Help		
Image: Second	Connection settings       Protocol       Modbus RTU       Port       COM2       Bitrate       115200       Parity       NONE       Stop bits       I       Parters:       127.0.0.1       TCP port:       502	
ρ	General Timeout (ms) 1000 Delay between pols (ms) 10 OK Cancel	



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6) After setting the parameters for communication click 'Connect' from the Connection menu

		Radzio! Modbus Master Simulator	- 🗆 🗙
File Edit	Connect Disconnect		
Device Set Device ID Address	Settings         Display options           I         Col status         C           0         Length         Io	NONAME1           Frame counters           Number of polls : 0           Valid responses : 0           Errors : 0           Reset	
0 1 2 3 4 5 6	Akas 0		
7 8 9			
0			

7) The Modbus master starts to poll the devices (as per the connection definition) on clicking connect. Now you can set the slave id and choose the register type you would like to query.

	Radzio! Modbus Master Simulator	- 🗆 🗙
File Edit Connection	Setup Window Help	
Device Settings Device ID 1 Foldin Address 0 Coll s Input Holdin Input	Display options     Frame counters       © Decimal     C 32bit float       C Integer     C 32bit float       O Hexadecimal     C 64bit float       C Binary     C 64bit sw, float	
Alias 0 1 2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0           1           2           3           4           5           0	
5 6 7 8 9		

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