modbus\_set\_socket(3)

====================

NAME

----

modbus\_set\_socket - set socket of the context

SYNOPSIS

--------

\*int modbus\_set\_socket(modbus\_t \*'ctx', int 's');\*

DESCRIPTION

-----------

The \*modbus\_set\_socket()\* function shall set the socket or file descriptor in

the libmodbus context. This function is useful for managing multiple client

connections to the same server.

RETURN VALUE

------------

The function shall return 0 if successful. Otherwise it shall return -1 and set errno.

EXAMPLE

-------

[source,c]

-------------------

ctx = modbus\_new\_tcp("127.0.0.1", 1502);

server\_socket = modbus\_tcp\_listen(ctx, NB\_CONNECTION);

FD\_ZERO(&rdset);

FD\_SET(server\_socket, &rdset);

/\* .... \*/

if (FD\_ISSET(master\_socket, &rdset)) {

modbus\_set\_socket(ctx, master\_socket);

rc = modbus\_receive(ctx, query);

if (rc != -1) {

modbus\_reply(ctx, query, rc, mb\_mapping);

}

}

-------------------

SEE ALSO

--------

linkmb:modbus\_get\_socket[3]

AUTHORS

-------

The libmodbus documentation was written by Stéphane Raimbault

<stephane.raimbault@gmail.com>