modbus\_reply(3)

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NAME

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modbus\_reply - send a reponse to the received request

SYNOPSIS

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\*int modbus\_reply(modbus\_t \*'ctx', const uint8\_t \*'req', int 'req\_length', modbus\_mapping\_t \*'mb\_mapping');

DESCRIPTION

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The \*modbus\_reply()\* function shall send a response to received request. The

request \_req\_ given in argument is analyzed, a response is then built and sent

by using the information of the modbus context \_ctx\_.

If the request indicates to read or write a value the operation will done in the

modbus mapping \_mb\_mapping\_ according to the type of the manipulated data.

If an error occurs, an exception response will be sent.

This function is designed for Modbus server.

RETURN VALUE

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The function shall return the length of the response sent if

successful. Otherwise it shall return -1 and set errno.

ERRORS

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\*EMBMDATA\*::

Sending has failed

See also the errors returned by the syscall used to send the response (eg. send

or write).

SEE ALSO

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linkmb:modbus\_reply\_exception[3]

linkmb:libmodbus[7]

AUTHORS

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