modbus\_tcp\_accept(3)

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NAME

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modbus\_tcp\_accept - accept a new connection on a TCP Modbus socket (IPv4)

SYNOPSIS

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\*int modbus\_tcp\_accept(modbus\_t \*'ctx', int \*'s);\*

DESCRIPTION

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The \*modbus\_tcp\_accept()\* function shall extract the first connection on the

queue of pending connections, create a new socket and store it in libmodbus

context given in argument. If available, \_accept4()\_ with `SOCK\_CLOEXEC` will be

called instead of \*accept()\*.

RETURN VALUE

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The function shall return a new socket if successful.

Otherwise it shall return -1 and set errno.

EXAMPLE

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For detailed example, see unit-test-server.c source file in tests directory.

[source,c]

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...

ctx = modbus\_new\_tcp("127.0.0.1", 502);

s = modbus\_tcp\_listen(ctx, 1);

modbus\_tcp\_accept(ctx, &s);

...

close(s)

modbus\_free(ctx);

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SEE ALSO

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linkmb:modbus\_tcp\_pi\_accept[3]

linkmb:modbus\_tcp\_listen[3]

linkmb:modbus\_tcp\_pi\_listen[3]

AUTHORS

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The libmodbus documentation was written by Stéphane Raimbault

<stephane.raimbault@gmail.com>