modbus\_rtu\_set\_custom\_rts(3)

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NAME

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modbus\_rtu\_set\_custom\_rts - set a function to be used for custom RTS implementation

SYNOPSIS

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\*int modbus\_rtu\_set\_custom\_rts(modbus\_t \*'ctx', void (\*'set\_rts') (modbus\_t \*ctx, int on))\*

DESCRIPTION

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The \_modbus\_rtu\_set\_custom\_rts()\_ function shall set a custom function to be

called when the RTS pin is to be set before and after a transmission. By default

this is set to an internal function that toggles the RTS pin using an ioctl

call.

Note that this function adheres to the RTS mode, the values MODBUS\_RTU\_RTS\_UP or

MODBUS\_RTU\_RTS\_DOWN must be used for the function to be called.

This function can only be used with a context using a RTU backend.

RETURN VALUE

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The \_modbus\_rtu\_set\_custom\_rts()\_ function shall return 0 if successful.

Otherwise it shall return -1 and set errno to one of the values defined below.

ERRORS

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\*EINVAL\*::

The libmodbus backend is not RTU.

AUTHORS

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