Standard Operating Procedure
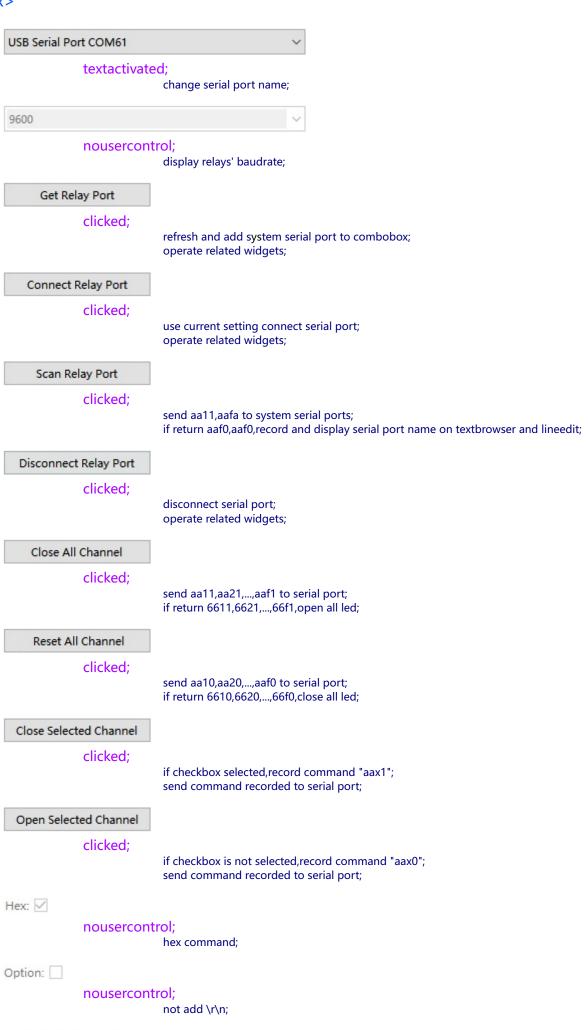
\<UsingLibrary\>

include;

superapi::supercore;
superapi::superfiledialog;
superapi::supergroupbox;
superapi::superlogger;
superapi::supernotedialog;
superapi::superserial;
superapi::supertab;
superapi::superwindow;

public;

relaybox public superapi::supertab;

\<RelayBox\>

USB Serial Port COM61 ▾

textactivated;
change serial port name;

9600 ▾

nousercontrol;
display relays' baudrate;

Get Relay Port

clicked;
refresh and add system serial port to combobox;
operate related widgets;

Connect Relay Port

clicked;
use current setting connect serial port;
operate related widgets;

Scan Relay Port

clicked;
send aa11,aafa to system serial ports;
if return aaf0,aaf0,record and display serial port name on textbrowser and lineedit;

Disconnect Relay Port

clicked;
disconnect serial port;
operate related widgets;

Close All Channel

clicked;
send aa11,aa21,…,aaf1 to serial port;
if return 6611,6621,…,66f1,open all led;

Reset All Channel

clicked;
send aa10,aa20,…,aaf0 to serial port;
if return 6610,6620,…,66f0,close all led;

Close Selected Channel

clicked;
if checkbox selected,record command "aax1";
send command recorded to serial port;

Open Selected Channel

clicked;
if checkbox is not selected,record command "aax0";
send command recorded to serial port;

Hex: ☑

nousercontrol;
hex command;

Option: ☐

nousercontrol;
not add \r\n;

waiting for command ...

nousercontrol;
    display last command sent;

15 channels (aa 11 / aa 10)

textactivated;
    select gtkrelay's model;
    include 15/34 channels;

_MinGW_64_bit-Release/release/__depycache__/__gtkrelay__/_defaultsetting_.ini

nousercontrol;
    display current setting path;

...

clicked;
    select setting path;

☐

clicked;
    select operate channel;

nousercontrol;
    display current channel open or not;

Channel 01:

nousercontrol;
    display current channel;

Close

clicked;
    send aa11 to serial port;
    if return 6610,open light;

Open

clicked;
    send aa10 to serial port;
    if return 6610,close light;

Version Logs

<20220302 Version 1.07>

    fix enable scan relay port button bugs;

<20220215 Version 1.06>

    remove modulec frame shape;

<20220209 Version 1.05>

    use supertab,supergroupbox api;

<20220119 Version 1.04>

    set as relay model transparent;

<20211220 Version 1.03>

    add save setting function;

<20211207 Version 1.02>

    fix 34 channels relay return value list;

<20211122 Version 1.01>

    add 34 channels relay model;

<20211003 Version 1.00>

    first release;