

## How can I operate the binary I/Os of OWL-LTE and OWL-LTE (M12)?

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For manually switching the binary out there is a user module available offering just the menu, i.e. a check box to tick or untick.

With a script you can do more. Following script shows 3 aspects/commands you can also use for other purposes. It combines reading the binary IN and depending on its state switching the binary out with a max. delay of 2 seconds. Please note: a high signal at the input forces the output to close the connection. Like you can recognize the shell uses negative logic, i.e. a high signal at the input results in a "0" as its value. The 3rd command "sleep" is not necessary for this script, but it's used for a short delay. The delay slows down the loop process and thus relieves the CPU (here just as principle):

```
(  
while true  
do  
  IN0="$(io get bin0)"  
  if [ "$IN0" == "0" ]  
  then  
    io set out0 1  
  else  
    io set out0 0  
  fi  
  sleep 2  
done  
) &
```

This script can be copied and pasted into the startup script. The binary out can be monitored by the LED.