

# notes flashage

cmonaton

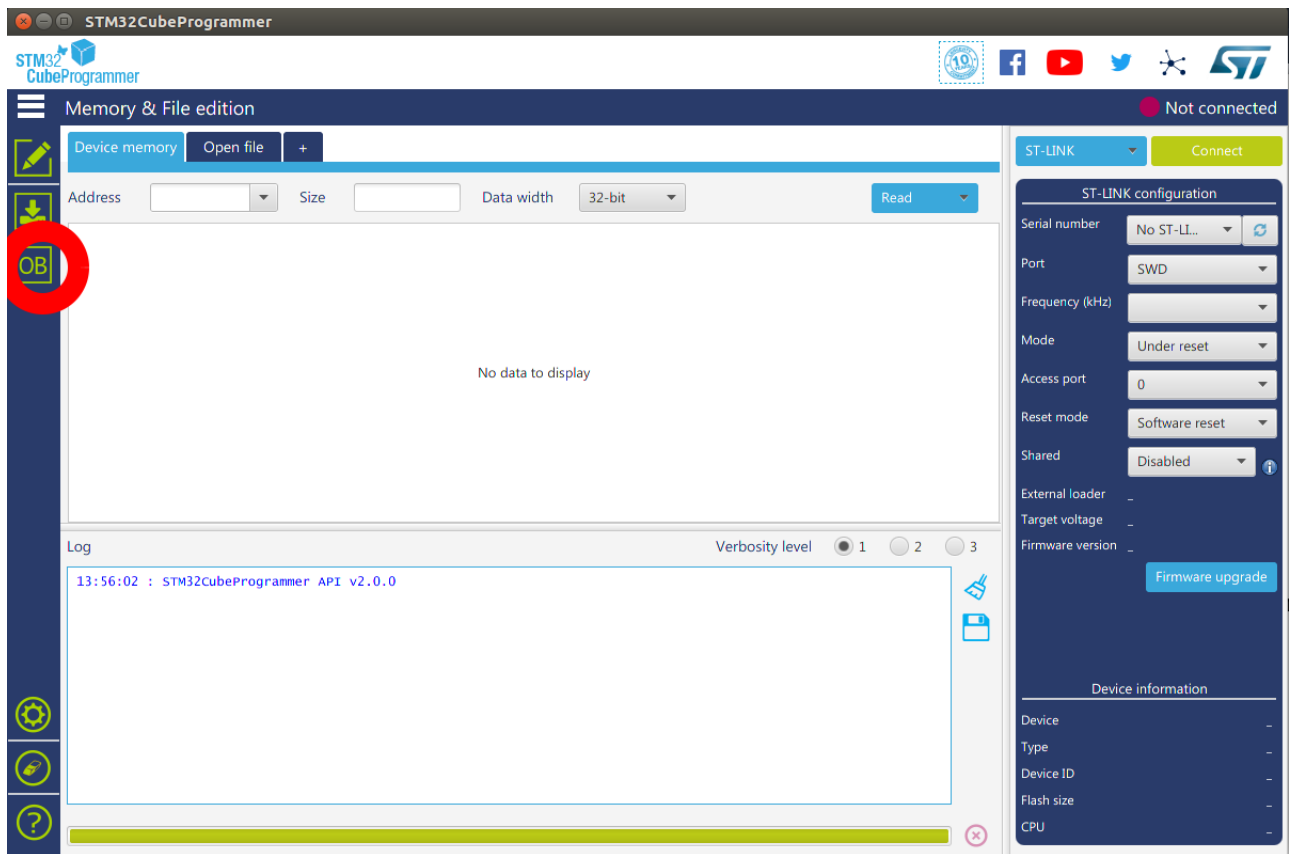
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## **1 Introduction**

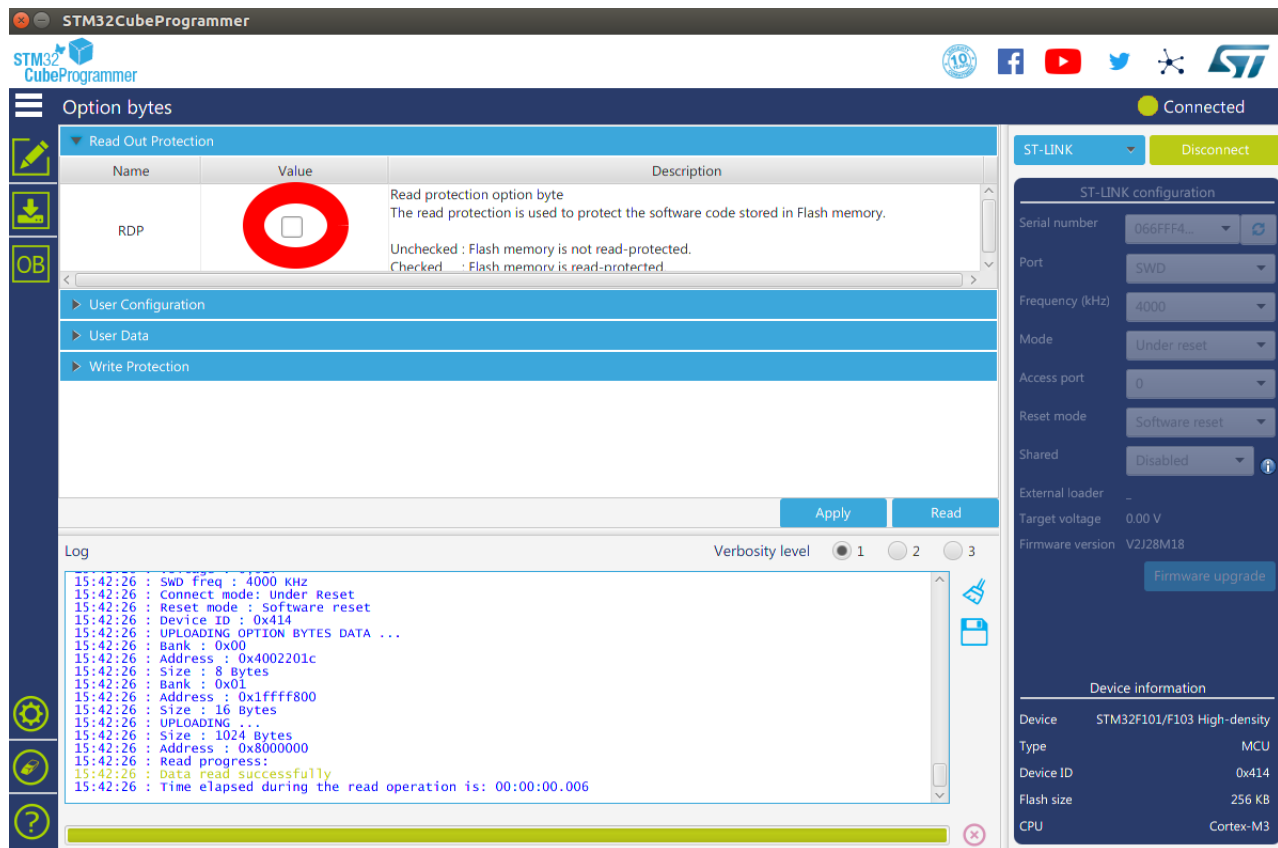
Note pour enlever la read-protection des boards idosens

## **2 Avec STM32Cube Programmer**

Aller dans "OB" :



Déchochez la case "RDP"



### 3 Avec openOCD

Ajoutez les 3 lignes suivantes dans RIOT/dist/tools/openocd/openocd.sh

```

# flash device
sh -c "${OPENOCD} \
    ${OPENOCD_ADAPTER_INIT} \
    -f '${OPENOCD_CONFIG}' \
    ${OPENOCD_EXTRA_INIT} \
    ${OPENOCD_EXTRA_RESET_INIT} \
    -c 'tcl_port 0' \
    -c 'telnet_port 0' \
    -c 'gdb_port 0' \
    -c 'init' \
    -c 'targets' \
    -c 'reset halt' \
    -c 'stm32f1x unlock 0' \
    -c 'reset halt' \
    -c 'reset halt' \
    ${OPENOCD_PRE_FLASH_CMDS} \
    -c 'flash write_image erase "${IMAGE_FILE}" ${IMAGE_OFFSET} ${IMAGE_TYPE}' \
    ${OPENOCD_PRE_VERIFY_CMDS} \
    -c 'verify_image "${IMAGE_FILE}" ${IMAGE_OFFSET}' \
    -c 'reset run' \
    -c 'shutdown' &&
echo 'Done flashing'

```