Onboard out of memory solve

# Reset devices(update firmware to free malloc)

## gap\_sdk

1. git clone <https://github.com/GreenWaves-Technologies/gap_sdk.git>
2. cd gap\_sdk/
3. source configs/ai\_deck.sh
4. cd gap\_sdk/examples/gap8/utils/firmware\_update/simple

## gap8\_openocd

1. git clone https://github.com/GreenWaves-Technologies/gap8\_openocd.git
2. export GAPY\_OPENOCD\_CABLE=~/Desktop/<path/to/gap8\_openocd>/gap8\_openocd/tcl/interface/ftdi/olimex-arm-usb-tiny-h.cfg
3. make clean all run PMSIS\_OS=freertos platform=board

# let cfloader run 0% to 100%

## aideck-gap8-bootloader

1. git clone <https://github.com/bitcraze/aideck-gap8-bootloader.git>
2. cd aideck-gap8-bootloader/
3. docker run --rm -it -v $PWD:/module/ --device /dev/ttyUSB0 --privileged -P bitcraze/aideck /bin/bash -c 'export GAPY\_OPENOCD\_CABLE=interface/ftdi/olimex-arm-usb-tiny-h.cfg; source /gap\_sdk/configs/ai\_deck.sh; cd /module/; make all image flash'