How to flash OEM unlocked uFR Online using Arduino IDE

v1.0

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Prerequisites

- uFR Online must be OEM unlocked. To check if the device is OEM unlocked download uFR Online USB tool from: www.d-logic.net/code/nfc-rfid-reader-sdk/ufr_online-flasher-oneclick and check OEM status.
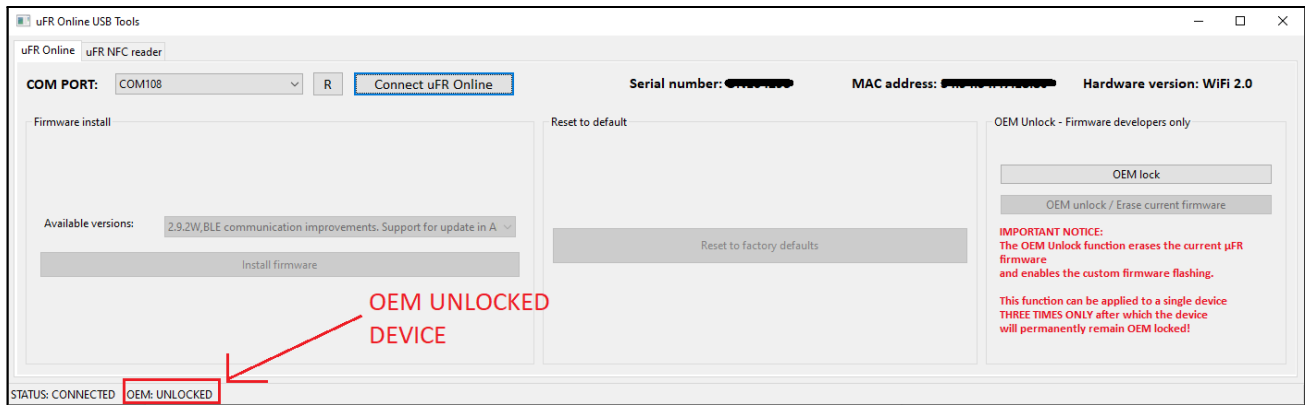

For more information about OEM lock and unlock read **uFR Online OEM lock/unlock** section of uFR Online Quick start Guide document:
https://www.d-logic.com/code/nfc-rfid-reader-sdk/ufr-doc/blob/master/uFR_Online%20-%20Quick_Start_Guide.pdf

- Arduino IDE must be installed
- The ESP32 board must be installed in Arduino IDE. Follow instruction described in section **Installing using Arduino IDE** of official Espressif document:
    https://espressif-docs.readthedocs-hosted.com/projects/arduino-esp32/en/latest/installing.html

How to flash OEM unlocked uFR Online using Arduino IDE?

1. Open Arduino IDE.
2. Open .ino sketch project.
3. Select **ESP32 Wrover module** board.
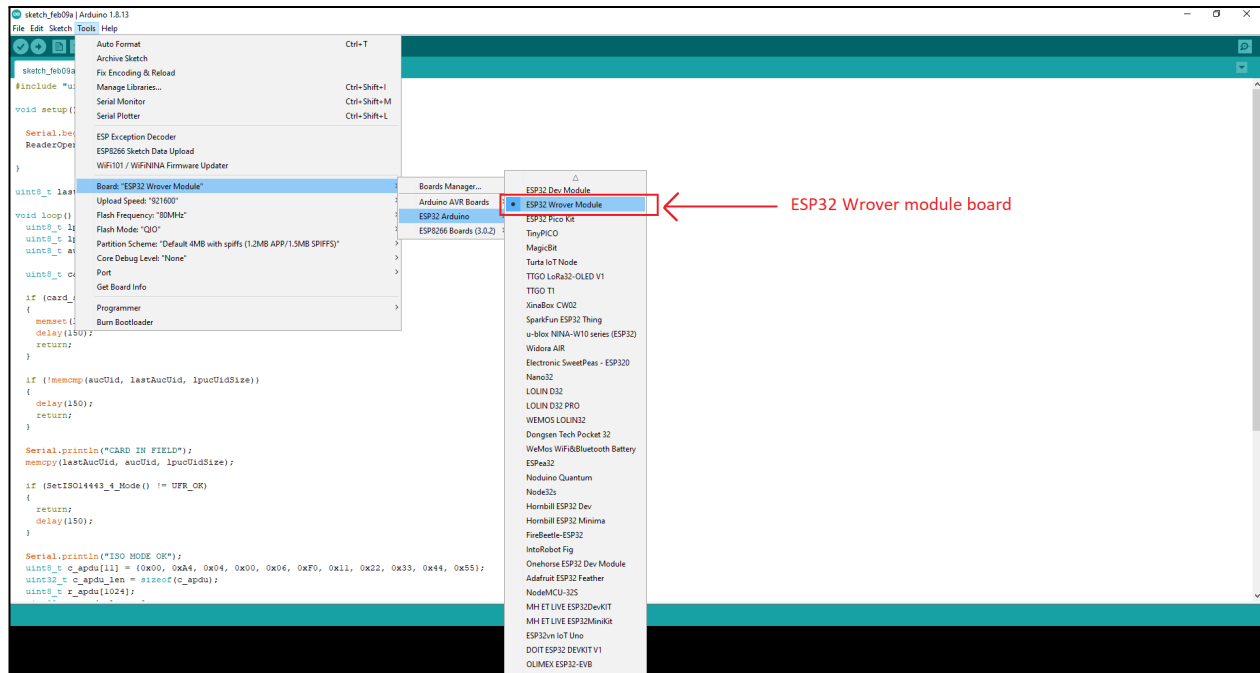
4. Select COM port.
5. Click on the Upload button.
6. Device will automatically enter ESP32 download mode, there is no need for a manual restart.

Revision history

Date	Version	Comment
2023-02-14	1.0	Base document