

# Repeater-Builder's notes on getting (and staying) in the bootloader mode of an STM32-DVM board

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Pi-Star has changed the way it runs MMDVMHost. It *\*REALLY\** wants to start it up. This should stop it in its tracks:

1. Boot Pi-Star
2. login (Default -> usr: pi-star - pass: raspberry)
3. Issue the following commands:
  - ...:~\$ `sudo -s`
  - ...:~\$ `rpi-rw`
  - ...:~\$ `cd /etc`
  - ...:~\$ `mv mmdvmhost mmdvmhost.save`
  - ...:~\$ `poweroff`
4. put board in bootloader (short JP1 pins)
5. power on Raspberry Pi
6. get utilities and source code / Program DVM board  
(See: <https://github.com/N4IRS/MMDVM-Install/tree/master/STM32-DVM>)
7. Issue the following commands:
  - ... :~\$ `rpi-rw`
  - ... :~\$ `cd /etc`
  - ... :~\$ `mv mmdvmhost.save mmdvmhost`
  - ... :~\$ `poweroff`
8. remove jumper
9. power on Raspberry Pi – The board should boot normally