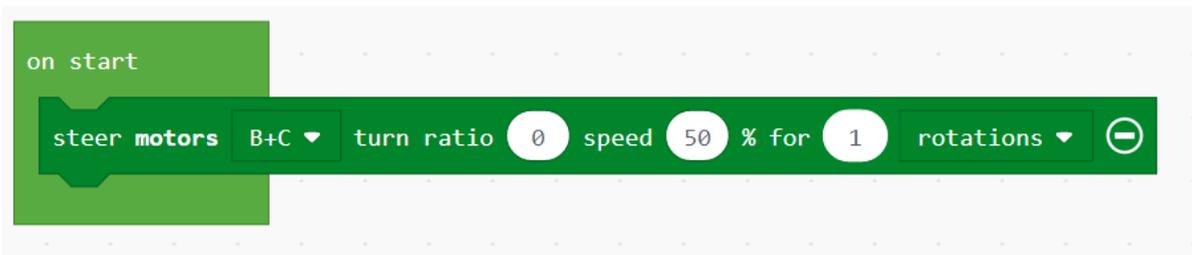


TROUBLESHOOTING EV3 WITH MAKECODE

Version of firmware: V1.10E

My updated program won't run

There is an issue that I have noticed where subsequent program updates won't run and the original runs instead. Eg with the code below, it's work fine when downloaded to the brick



If I update it to say 3 rotations, the brick still only does **one** rotation.

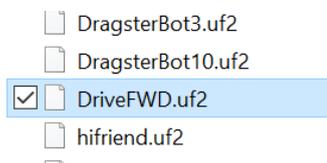


Solution 1

1. Open the  drive

2. Open  folder

3. Delete the previous program



4. Now upload your program as usual.

Solution 2

Just keep adding an increasing number to your filename before uploading

Solution 3

Form MakeCode:

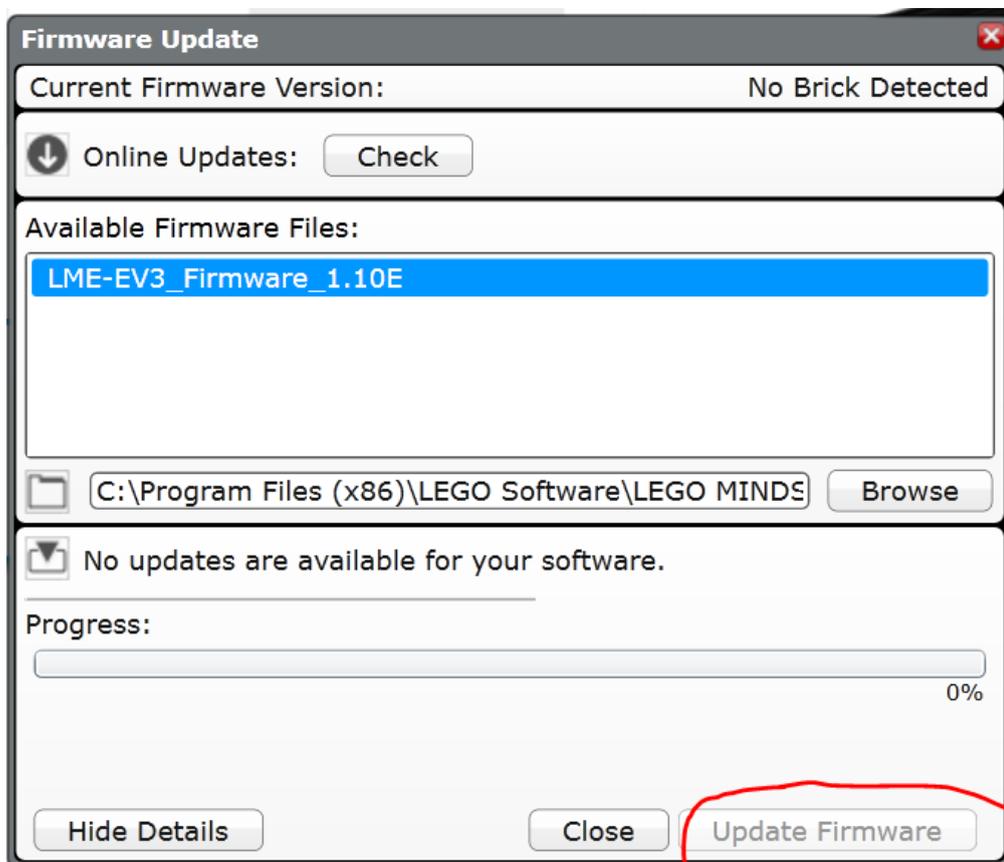
There's a bug in the firmware which prevents you from deleting the programs (*.uf2 files) from your EV3 Brick. There isn't a firmware update to fix this yet.

We have prepared a special program that lets you delete UF2 files from the brick. Download [these PDF instructions](#) and drop the PDF on the brick drive. This will present you with an menu for deleting files.

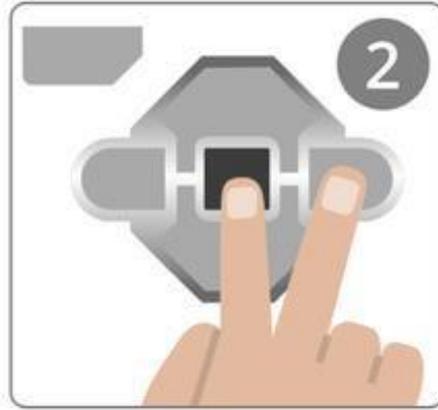
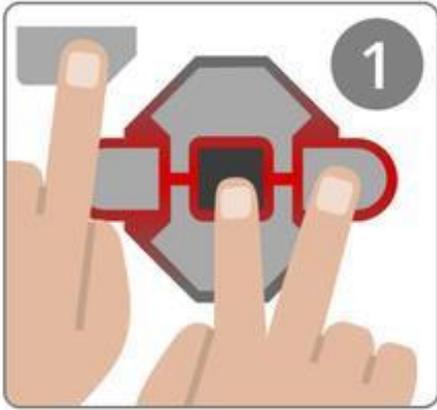
EV3 Drive not mapping and Updating Firmware

I have experienced another issue in that the EV3 drive just will not come up, no matter what I do; restart etc. I fixed this by re-installing the firmware. However, I did this with the old version of Mindstorms.

1. Download latest firmware from https://le-www-live-s.legocdn.com/downloads/LME-EV3/LME-EV3_Firmware_1.10E.bin
2. Go to C:\Program Files (x86)\LEGO Software\LEGO MINDSTORMS Edu EV3\Resources\Firmware\Education
3. Delete current version that has a .bin extension and replace with version that was downloaded at step 1.
4. Open Mindstorms software
5. Go to Tools>Firmware Update
6. Power on brick and plug in the USB
7. Highlight firmware version and click Update Firmware



8. Do a reset just to be sure



1. Hold down the Back, Center, and Right Buttons on the EV3 Brick.
2. When the EV3 Brick restarts, release the Back Button.
3. When the screen says "Updating...", release the Center and Right Buttons.

From <<https://education.lego.com/en-au/support/mindstorms-ev3/firmware-update>>