



FabMo1.6.0 Offline (AP Mode) Update Instructions For Handibots

- 1** These instructions provide a method to update Handibot (FabMo) software using the local AP connection mode. This allows you do the major 1.6.0 update, even if you do not have an internet connection to your tool, or if your are experiencing a poor internet connection to it.



2

First, download the consolidated update package (.fmp) from the link below using a computer or device that with an internet connection:

<https://github.com/FabMo/FabMo-Engine/releases/download/v1.6.0/fabmo-consolidated-engine-1.6.0-updater-2.3.1.fmp>

This is an 84MB file, and may take some time to download on a slow connection. It also may provoke a warning from some virus checkers. Such warnings can be ignored.

Once you have downloaded the file to your computer, you no longer need the internet connection.

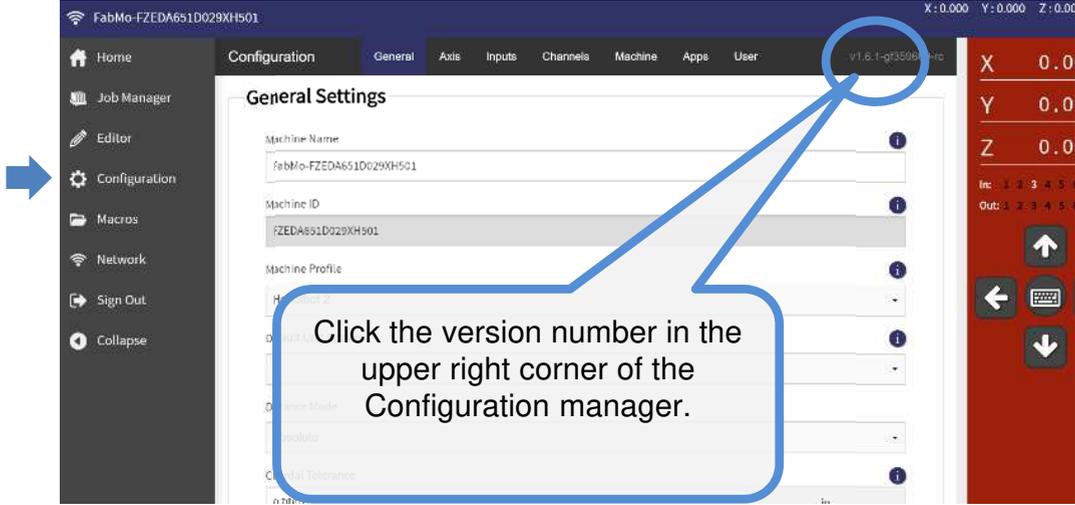
3

Turn on your Handibot and connect to it in AP mode from your PC or device.

(Instructions for using different connection modes can be found on the Handibot website or at: docs.handibot.com.)

4

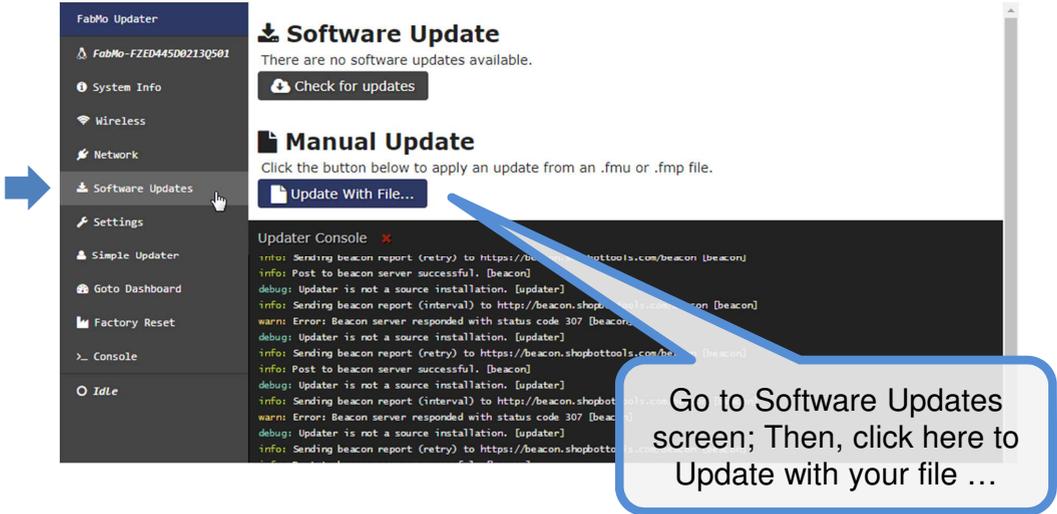
Go to the Updater window by opening the Configuration manager and *clicking on the version number* in the upper right corner of the menu (or at the bottom of a drop-down menu)



5

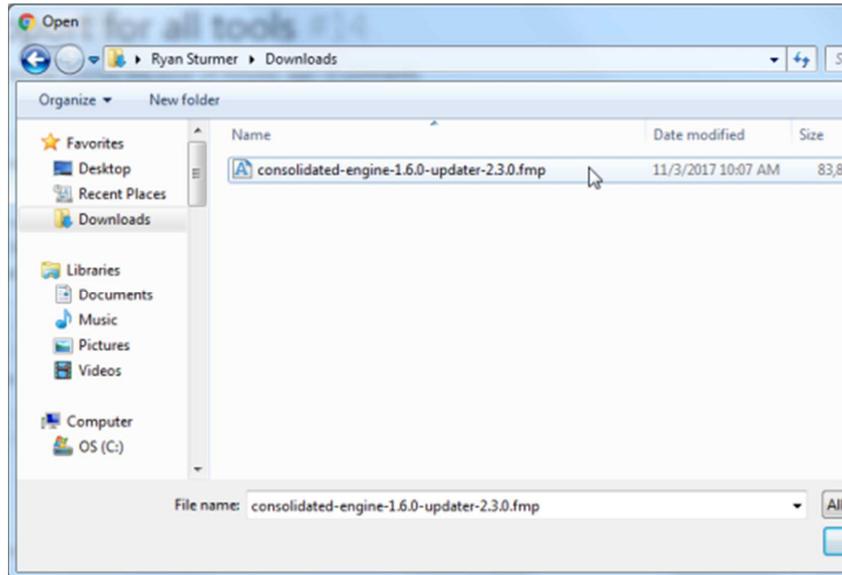
The Updater window provides full management of updates (after 1.6.0, the update process will be simplified and done from the main menu.)

click **Software Updates** → then **Update With File...**



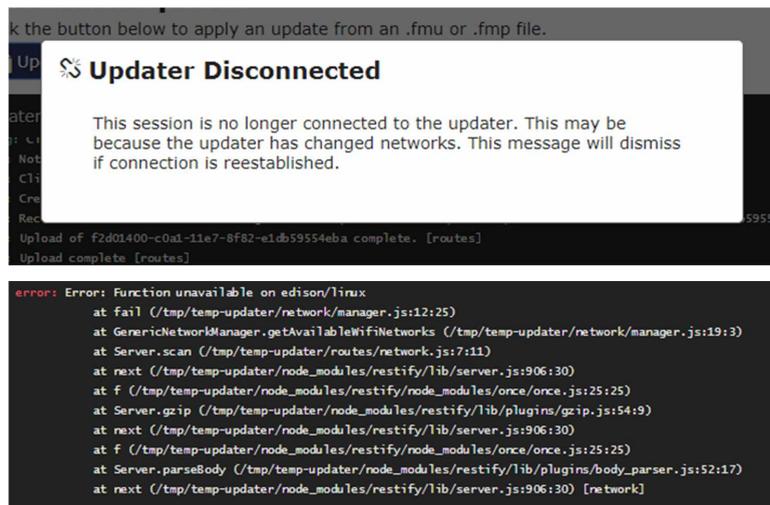
6

Browse and select the file you downloaded in Step 2 ...



7

The update takes about 10 minutes to complete. During the course of the update, you will see messages like those below. They are **normal and expected**. Your computer will disconnect from the Handibot several times and may not reconnect.



8

- a. 10 minutes after the start of the update, turn your Handibot off then back on again.
- b. Reconnect from your computer to your Handibot in AP mode. You may need to refresh the screen a few times.

9

Your can return to the Updater window to make sure the new software installed correctly.

The screenshot displays the FabMo Updater application interface. On the left is a navigation menu with options: FabMo-FZED445D0213Q501, System Info, Wireless, Network, Software Updates, Settings, Simple Updater, Goto Dashboard, Factory Reset, Console, and Idle. The main area shows 'System Information' with the following details:

Platform:	linux/edison
Machine ID:	FZED445D0213Q501
OS Version:	FabMo Engine Linux v1.8.3
Wifi Network	
Wifi Network ID:	FabMo-FZED445D0213Q501
Wifi Network Mode:	ap
Updater	
Updater Repository:	https://github.com/FabMo/FabMo-Updater.git
Updater Version:	v2.3.0
Engine	
Engine Repository:	https://github.com/FabMo/FabMo-Engine.git
Engine Status:	idle
Engine Version:	v1.6.0
Firmware	
Firmware Build:	100.26
Firmware Version:	100.26-302-g958d
Firmware Default Settings:	settings_shopbot_sbv300.h

Below the system information is the 'Updater Console' showing log output:

```
Updater Console x
INFO: Client 192.168.33.100 connected. [websocket]
INFO: Wireless mode is "master" [network]
INFO: Doing beacon report due to network change [updater]
DEBUG: Returning a list of local addresses: 192.168.33.127 [network]
WARN: Beacon is not enabled [beacon]
INFO: Running package check due to network change [updater]
INFO: Checking for updates for FabMo-Updater [updater]
INFO: Checking online source for updates [fap]
INFO: Retrieving a list of packages from http://goFabMo.org/manifest/packages.json [fap]
DEBUG: Updater is not a source installation. [updater]
INFO: No new packages are available for linux/edison. [updater]
INFO: Package check complete. [updater]
INFO: Checking for updates for FabMo-Engine [updater]
INFO: Checking online source for updates [fap]
INFO: Retrieving a list of packages from http://goFabMo.org/manifest/packages.json [fap]
```

Two callouts are present: one pointing to the 'Updater Version: v2.3.0' line with the text 'The updater version should be v2.3.0', and another pointing to the 'Engine Version: v1.6.0' line with the text 'The engine version should be v1.6.0'.

10

Click “Goto Dashboard” to return to the FabMo home screen ... (almost done)

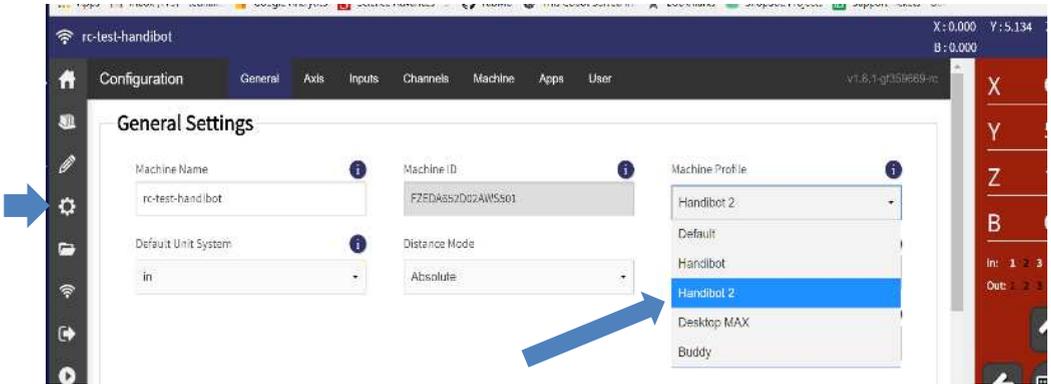


11

You'll be returned to the FabMo home page.

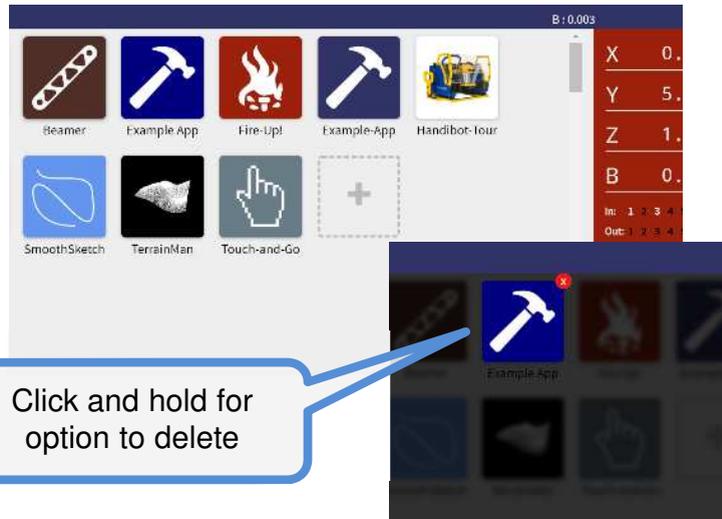
Now, just a couple more details:

- Go to the Configuration manager
- Make sure your tool profile is “Handibot 2” (use “Handibot 1” for a Developer Edition tool that has been updated to FabMo)



12

Finally, you may discover icons for more than one copy of an app on your home page. The first copy can be deleted by click and holding the icon until an “x” is visible, then clicking on the “x” to delete the copy.



Congratulations! The update is complete.