



FabMo1.6.x

Internet Update Instructions

For Handibots

1

These instructions detail updating Handibot (FabMo) software for tools with network and internet connections. The instructions are for the major 1.6.x update.



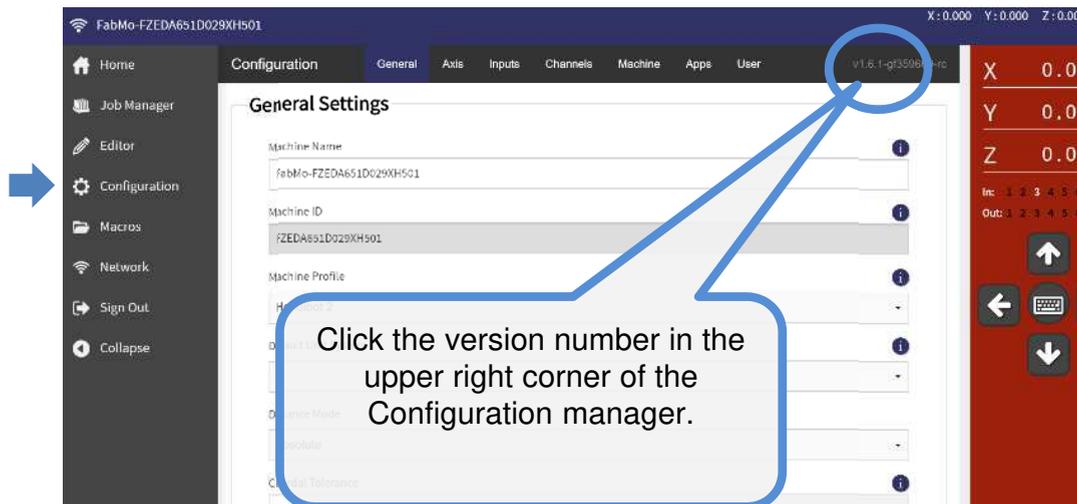
Internet

2

Turn on your Handibot and connect to it over the network from your PC or device. Check to make sure the network has internet access.

3

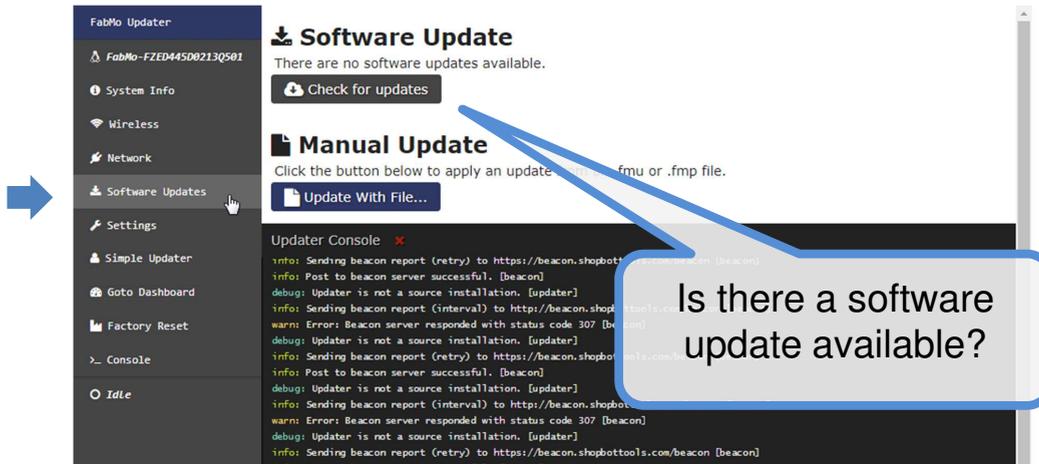
Go to the Updater window by opening the Configuration manager and *clicking on the version number* in the upper right corner of the menu (or at the bottom of a drop-down menu)



4

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

Go to the **Software Updates** screen



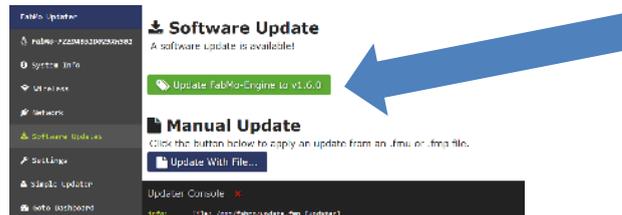
5

The Updater periodically checks for available updates. If it finds a new version available, it will download completely before indicating the update is available to install.

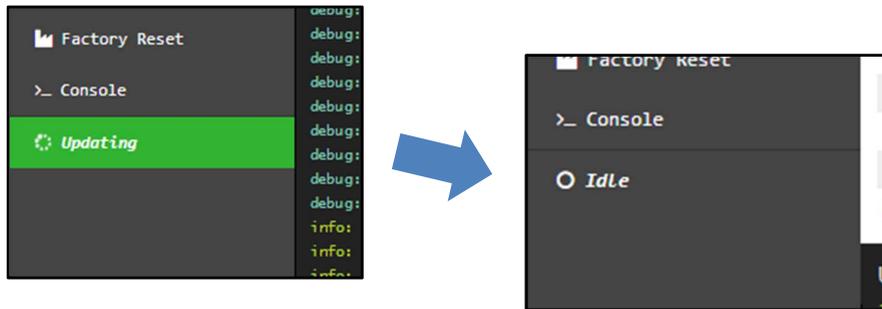
If an update is not yet available, then click the button to make sure the Updater is checking for updates. It may already be in the process of downloading, but clicking the button will not hurt.

The current *Updater activities* are indicated in the text box. You will probably note that a new update is being downloaded.

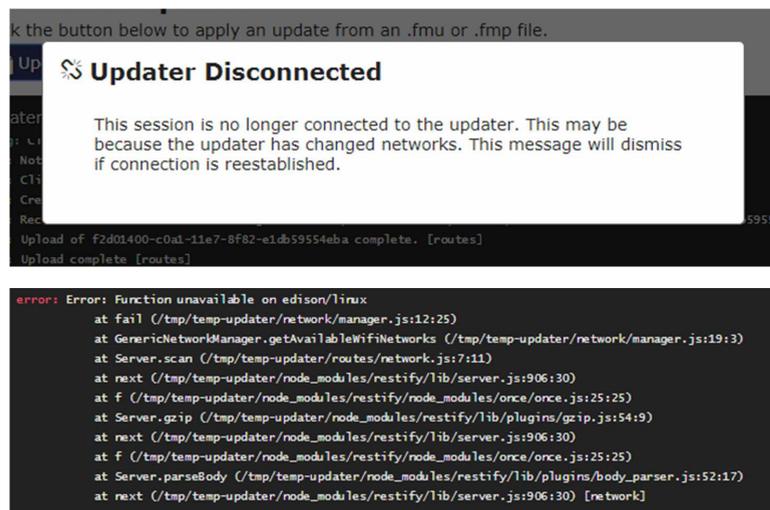
- 6 The availability of a new update is indicated by a green bar; click the green bar to start the update installation process.



The update is completed when the green “Updating” message changes back to “Idle”



- 7 During the course of updates, you will see messages like those below. They are **normal**. Your computer may disconnect from the Handibot but should reconnect. If it does not reconnect for 4-5 minutes, you may need to reconnect manually from your computer.



8

Depending on the status of your software there may be 2-3 updates that need to be installed.

- a. After an update is completed; click the Check for Updates button to determine if another update is available.
- b. You will see in the text output whether a new update was found and is being downloaded. If so, click the green button when the download finishes. Repeat the process ... until no new updates are found.

9

Go to “System Info” in the Updater window and do a screen refresh. Now you can check to make sure the new software installed correctly.

The screenshot shows the FabMo Updater interface. On the left is a navigation menu with options: System Info, Wireless, Network, Software Updates, Settings, Simple Updater, Goto Dashboard, Factory Reset, Console, and Idle. The main area displays '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
Updater Version:	v2.3.1
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

At the bottom, the 'Updater Console' shows log output including: 'info: Running package check due to network change [updater]', 'info: Checking for updates for FabMo-Updater [updater]', 'info: Checking online source for updates [fmp]', 'info: Retrieving a list of packages from http://goFabmo.org/manifest/packages.json [fmp]', '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 [fmp]', and 'info: Retrieving a list of packages from http://goFabmo.org/manifest/packages.json [fmp]'. Two callout boxes are present: one pointing to 'Updater Version: v2.3.1' with the text 'The updater version should be v2.3.1', and another pointing to 'Engine Version: v1.6.0' with the text 'The engine version should be v1.6.0 or higher'.

10

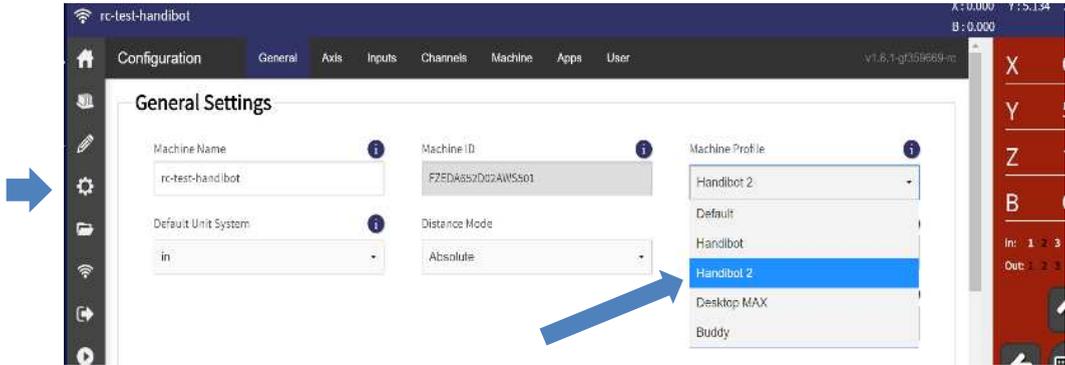
Click “Goto Dashboard” to return to the FabMo home screen ... (almost done)



11

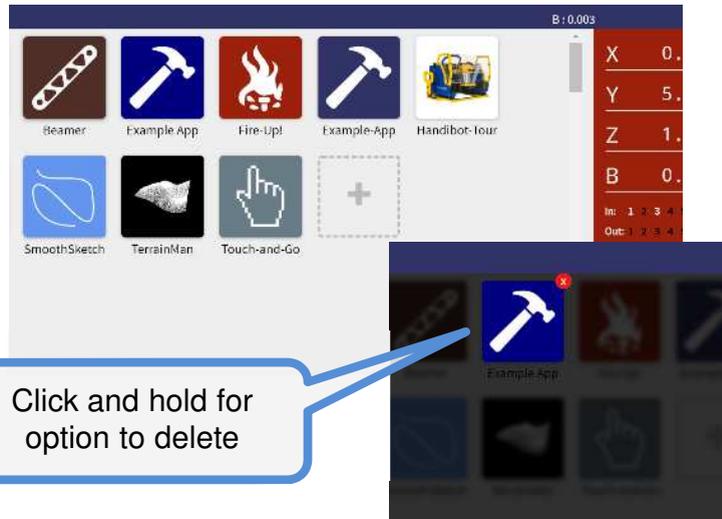
Now, just a couple more details:

- 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 on the icon until an “x” is visible, then clicking on the “x” to delete the copy.



Congratulations! The big update is complete.