# MULTIROTOR SETUP WIZARD













# Websites

Home

Forums

**Pull Requests** 

**Progress** 

# **Project News**

## LibrePilot progress

After the split there has been much work done with packaging for easy maintenance of code and new Linux distribution support like Fedora with rpm packages.

All of the GCS is refreshed to fit with the new project and new features have been added to imp...

## Tapatalk support in the forum

Wiki

Hello everyone

I have enabled tapatalk support, let me know if you have any issues using it.

Departure from the OpenPilot Project, foundation of Libr...

# **Project Activity**



Committed Merged in paul jewell/librepilot/ fix google maps (pull request #77)

# AlessioMorale

Committed Merged in skarlsso/librepilot/skarlsso/ LP-129 remove broken scalemotor modes (pull request #75)

# paul-jewell

Committed Fix Google Maps version

#### skarlsso

Committed LP-129 Remove broken motor scaling modes

AlessioMorale

LibrePilot GCS Version: 15.09-RC2









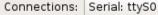














# Welcome to the Setup Wizard

This wizard will guide you through the basic steps required to setup your flight controller for the first time. You will be asked questions about your platform (multirotor/heli/fixed-wing) which this wizard will use to configure your controller for its first flight.

This wizard does not configure all of the advanced settings available in the GCS Configuration. All basic and advanced configuration parameters can be modified later by using the GCS Configuration plugin.



# Websites

Home

WARNING: YOU MUST REMOVE ALL PROPELLERS

FROM THE VEHICLE BEFORE PROCEEDING!

# Project N

#### LibrePilot prog

After the split the easy maintenand Fedora with rpm All of the GCS is features have be

Tapatalk suppo

Hello everyone

I have enabled to issues using it.

Departure fron

Disregarding this warning puts you at risk of injury!

Now that your props are removed we can get started. Ready?

Next > Cancel

LibrePilot GCS Version: 15.09-RC2







Configurat...



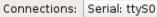














# Firmware Update

It is necessary that your firmware and ground control software are the same version.

When you are ready you can start the upgrade below by pushing the button. It is critical that nothing disturbs the board while the firmware is being written.

It is recommended that you erase all settings on the board when upgrading firmware. Using saved settings for a previous version of the firmware may result in undefined behaviour and in worst case danger. It is possible to suppress the erase by deselecting the check box below.

# Websites Home

# Project N

# LibrePilot prog

After the split the easy maintenand Fedora with rpm All of the GCS is features have be

# Tapatalk suppo Ready...

Hello everyone

I have enabled to issues using it.

Departure fron



LibrePilot GCS Version: 15.09-RC2















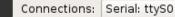




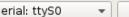




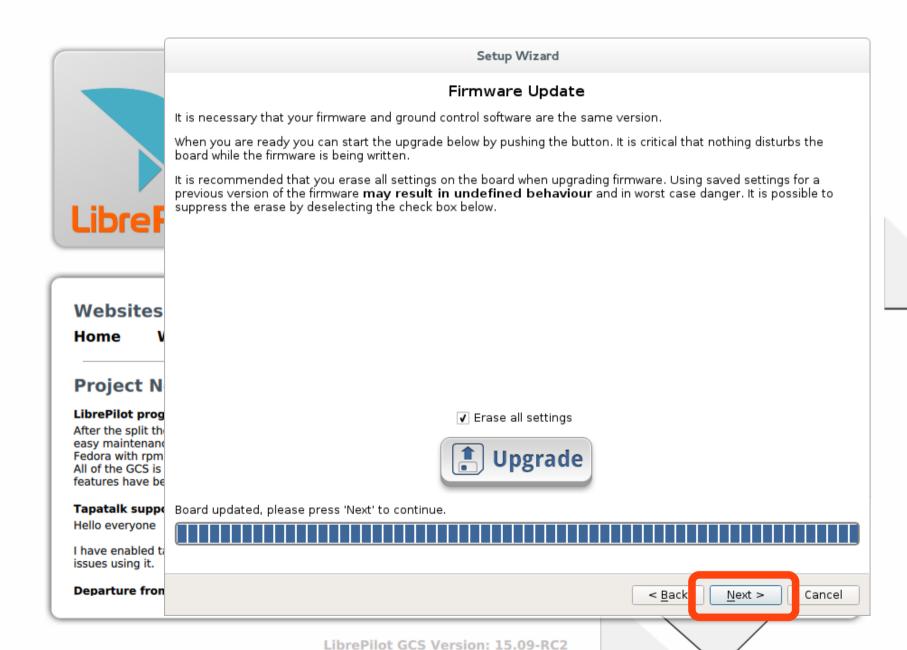
< Back



Next >



Cancel













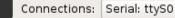




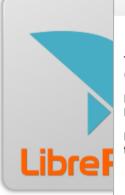










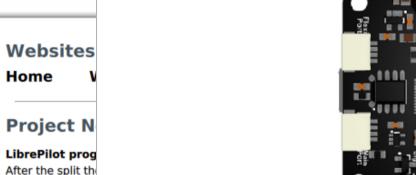


## **Board Identification**

To continue, the wizard needs to determine the configuration required for the type of flight controller you have. When connected, the wizard will attempt to automatically detect the type of board.

If the board is already connected and successfully detected, the board type will already be displayed. You can Disconnect and select another device if you need to detect another board.

If your board is not connected, please connect the board to a USB port on your computer and select the device from the list below. Then press Connect.



Connection device: Tapatalk suppo

Detected board type:

Hello everyone I have enabled to

Departure fron

issues using it.

easy maintenand Fedora with rpm All of the GCS is features have be

Disconnect

Cancel

Next >

LibrePilot GCS Version: 15.09-RC2













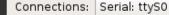




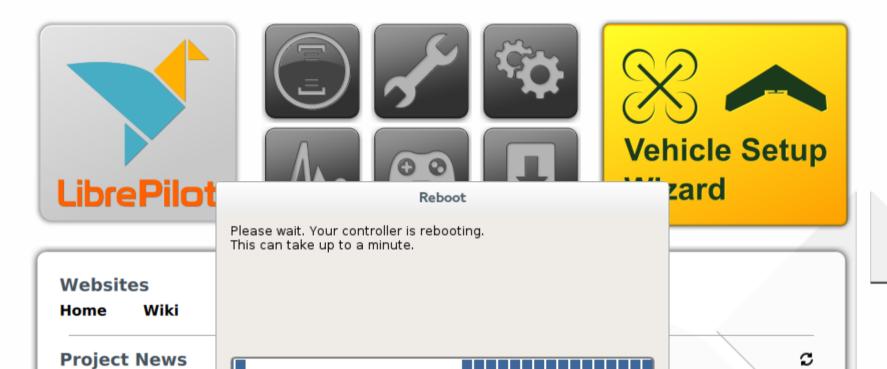




< Back







# LibrePilot progress

After the split there has been much work done with packaging for easy maintenance of code and new Linux distribution support like Fedora with rpm packages.

All of the GCS is refreshed to fit with the new project and new features have been added to imp...

#### Tapatalk support in the forum

Hello everyone

I have enabled tapatalk support, let me know if you have any issues using it.

Departure from the OpenPilot Project, foundation of Libr...

Committed Merged in paul jewell/librepilot/ fix\_google\_maps (pull request #77)

# AlessioMorale

Committed Merged in skarlsso/librepilot/skarlsso/ LP-129 remove broken scalemotor modes (pull request #75)

# paul-jewell

Committed Fix Google Maps version

#### skarlsso

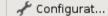
Committed LP-129 Remove broken motor scaling modes

AlessioMorale

LibrePilot GCS Version: 15.09-RC2







Syst...

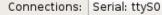
**√** Sco...

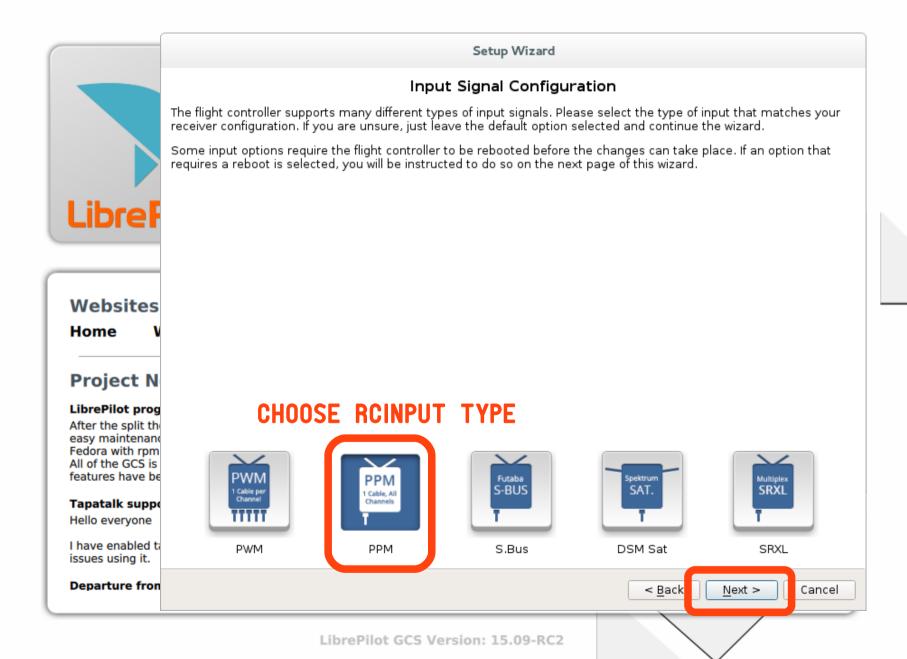
M HITL

Firmw...



















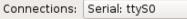




















**Vehicle Setup** 

zard

Reboot

Please wait. Your controller is rebooting. This can take up to a minute.

# Websites

Wiki Home

RCINPUT TYPE CHANGES **NEED REBOOT** 



#### LibrePilot progress

After the split there has been much work done with packaging for easy maintenance of code and new Linux distribution support like Fedora with rpm packages.

All of the GCS is refreshed to fit with the new project and new features have been added to imp...

#### Tapatalk support in the forum

Hello everyone

I have enabled tapatalk support, let me know if you have any issues using it.

Departure from the OpenPilot Project, foundation of Libr...

Committed Merged in paul jewell/librepilot/ fix\_google\_maps (pull request #77)

#### AlessioMorale

Committed Merged in skarlsso/librepilot/skarlsso/ LP-129 remove broken scalemotor modes (pull request #75)

# paul-jewell

Committed Fix Google Maps version

#### skarlsso

Committed LP-129 Remove broken motor scaling modes

AlessioMorale

LibrePilot GCS Version: 15.09-RC2







Configurat...



↓ Sco...

M HITL

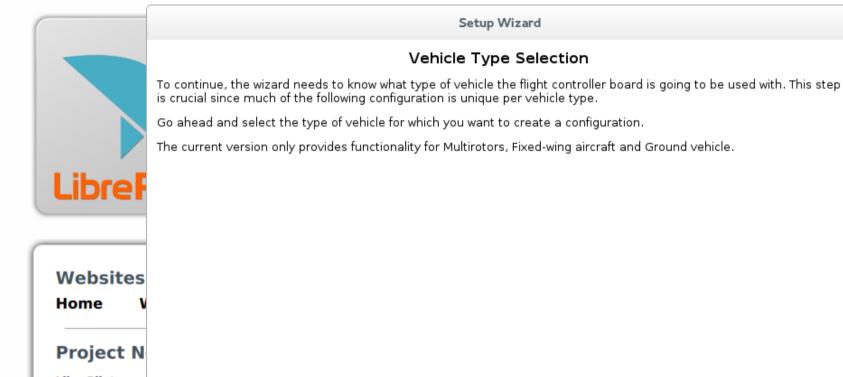
Firmw...

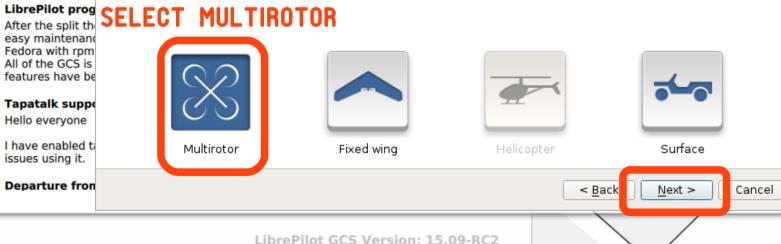






Connections: | Serial: ttyS0





LibrePilot GCS Version: 15.09-RC2





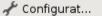


After the split the easy maintenand Fedora with rpm All of the GCS is features have be

Tapatalk suppo Hello everyone I have enabled to

issues using it.

Departure fron





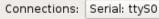








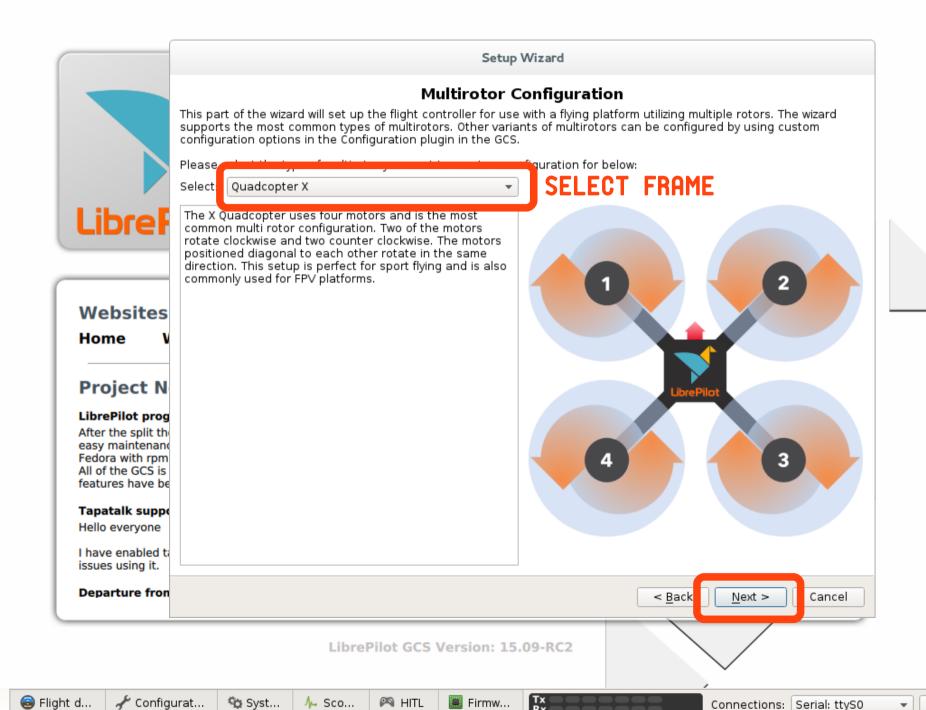


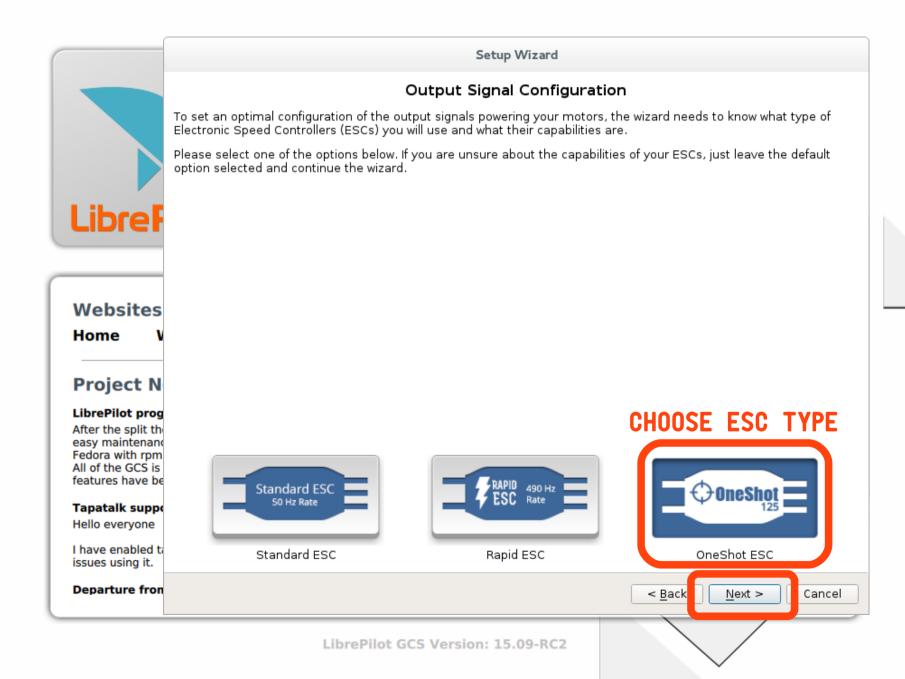




Connect

🌱 Welco...













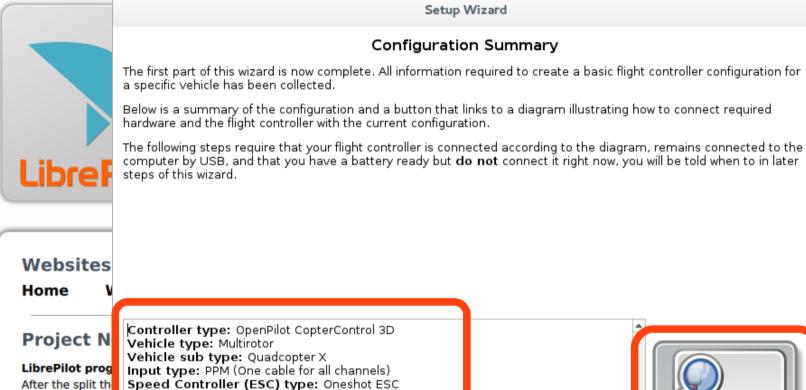














LibrePilot GCS Version: 15.09-RC2







easy maintenand Fedora with rpm All of the GCS is features have be

Tapatalk suppo

Departure fron

Hello everyone I have enabled to issues using it.







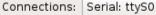






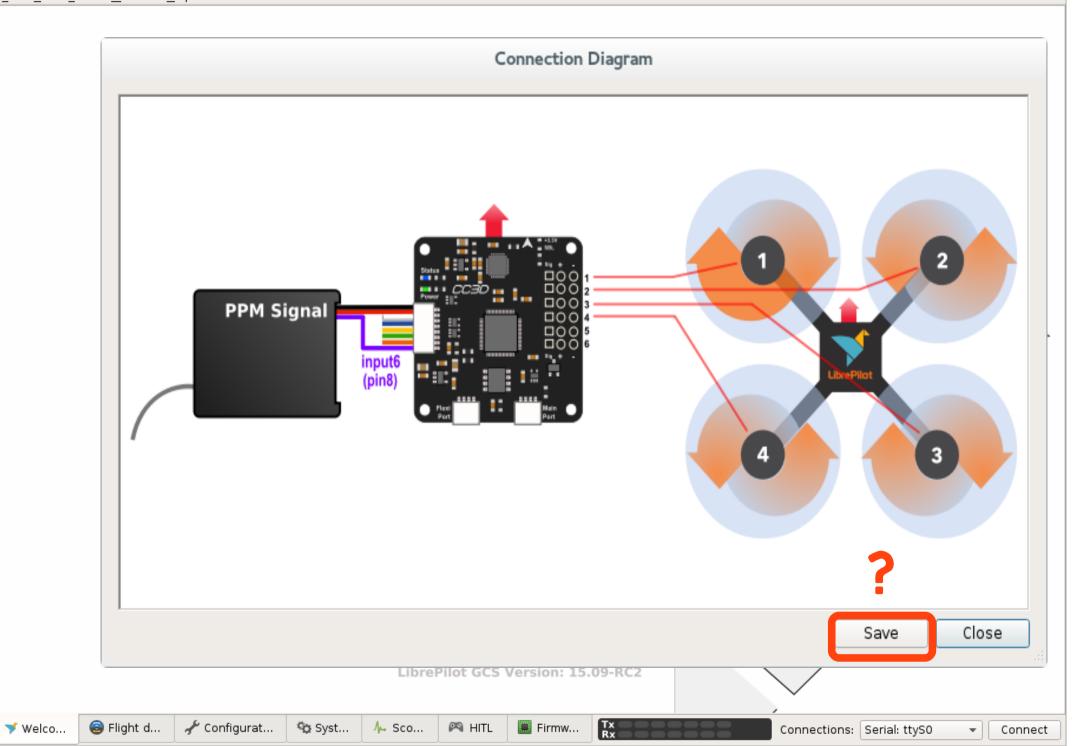
Next >

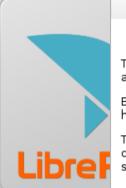
< Back



Cancel

File Edit Tools Window Help





# Configuration Summary

The first part of this wizard is now complete. All information required to create a basic flight controller configuration for a specific vehicle has been collected.

Below is a summary of the configuration and a button that links to a diagram illustrating how to connect required hardware and the flight controller with the current configuration.

The following steps require that your flight controller is connected according to the diagram, remains connected to the computer by USB, and that you have a battery ready but do not connect it right now, you will be told when to in later steps of this wizard.

# Websites Home

# Project N

#### LibrePilot prog

After the split the easy maintenand Fedora with rpm All of the GCS is features have be

# Tapatalk suppo

Hello everyone

I have enabled to issues using it.

Departure fron

Controller type: OpenPilot CopterControl 3D

Vehicle type: Multirotor

Vehicle sub type: Quadcopter X

Input type: PPM (One cable for all channels) Speed Controller (ESC) type: Oneshot ESC







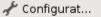


LibrePilot GCS Version: 15.09-RC2









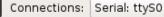




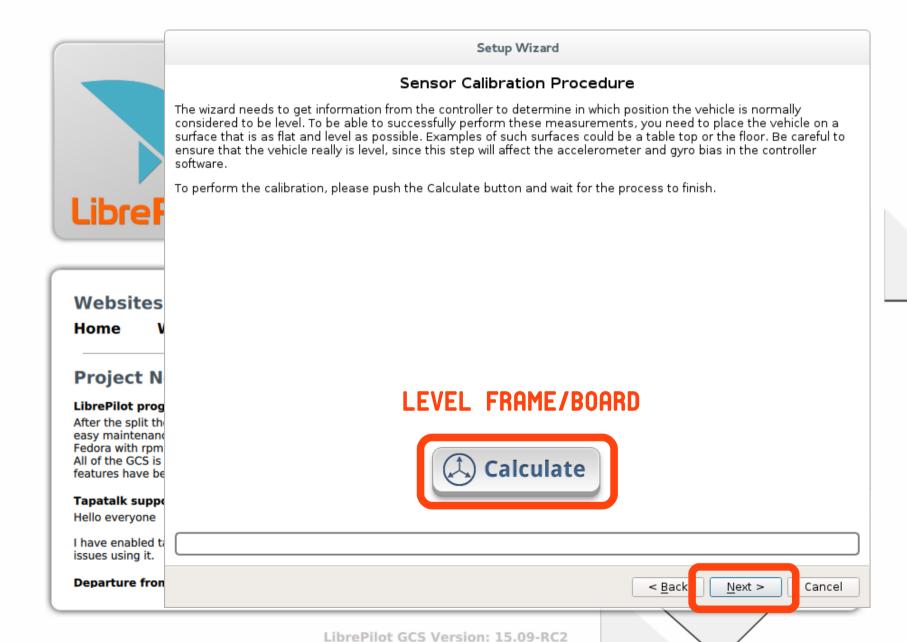






























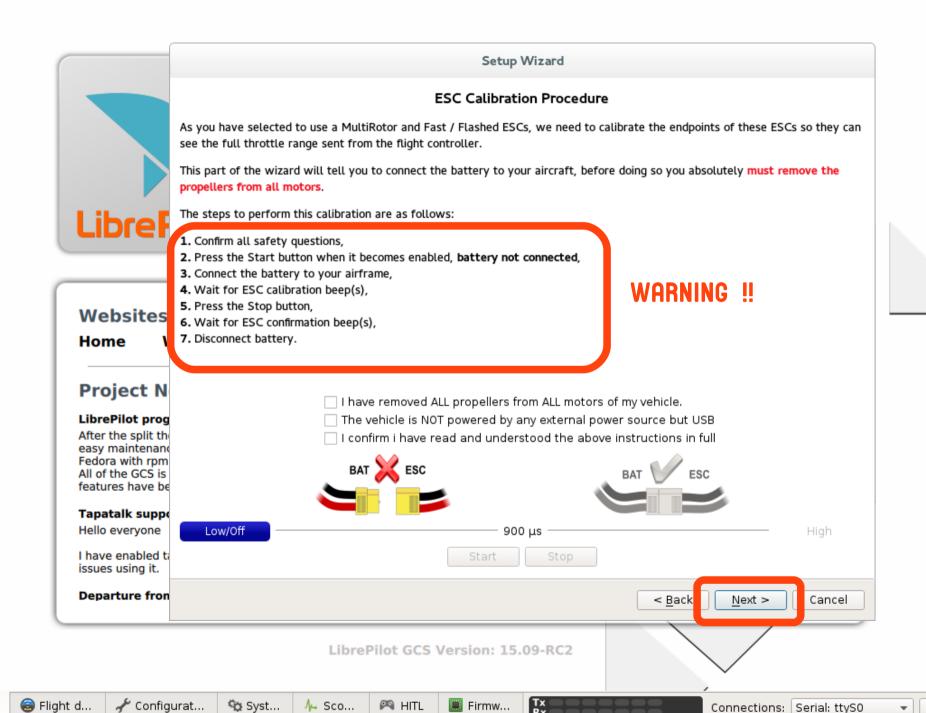


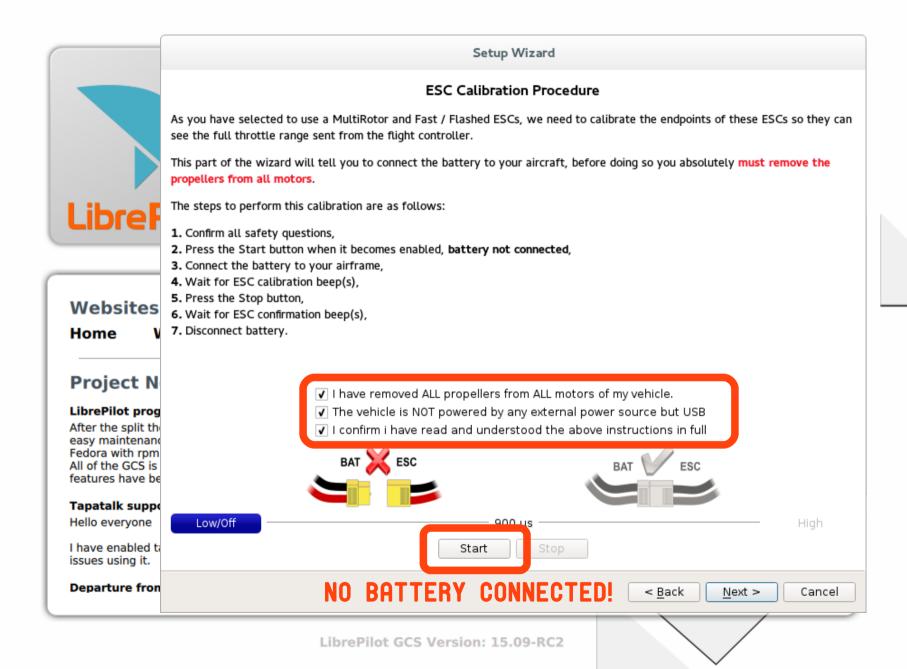


Connections: | Serial: ttyS0

Connect

🌱 Welco...















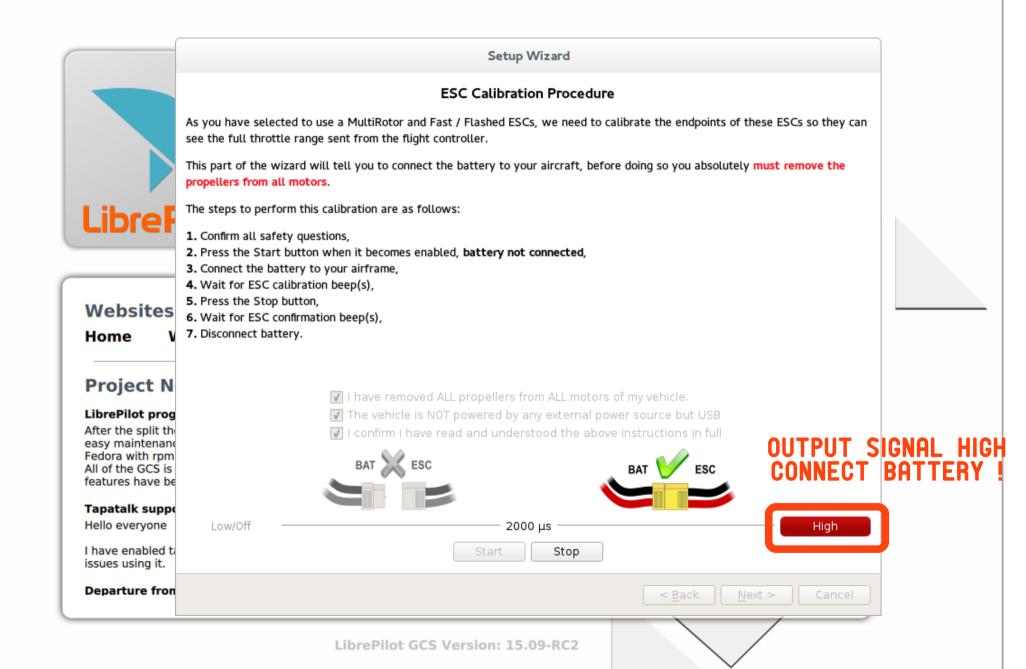








Connections: | Serial: ttyS0













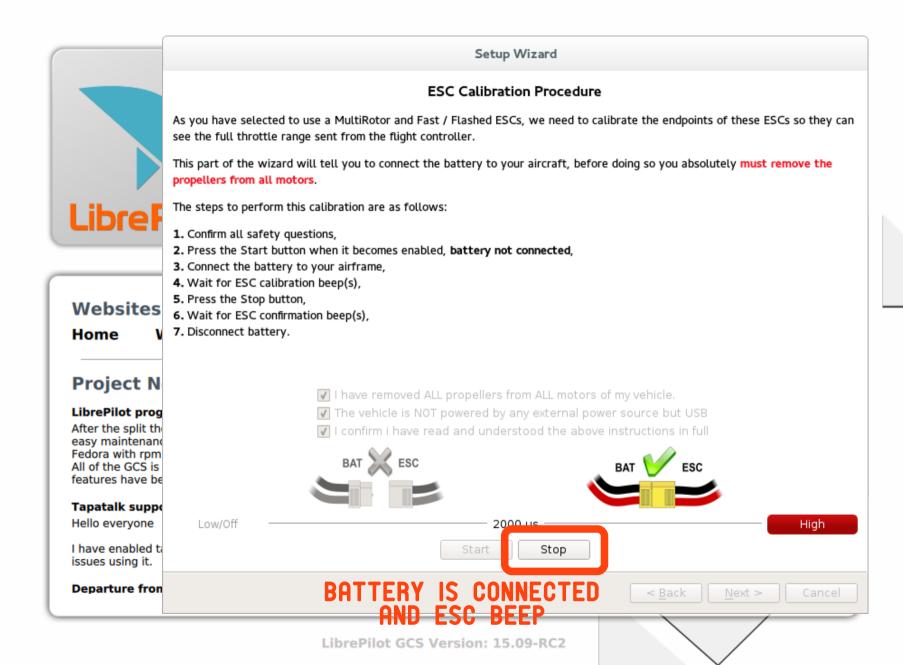








Connections: Serial: ttyS0





















Connections: Serial: ttyS0

e Flight d...

Welco...

Configurat...

/⊷ Sco...

M HITL

Syst...



Firmw...

Connections: Serial: ttyS0



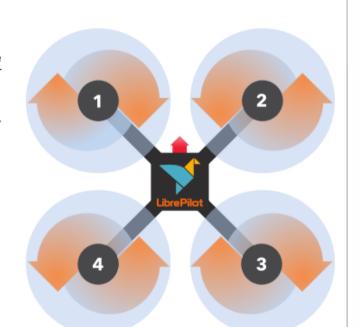
# Output calibration

It is now time to calibrate the output levels for the signals controlling your vehicle.

#### VERY IMPORTANT! REMOVE ALL PROPELLERS FROM THE VEHICLE BEFORE PROCEEDING!

Connect all components according to the illustration on the summary page, and provide power using an external power supply such as a battery before continuing.

Depending on what vehicle you have selected, both the motors controlled by ESCs and/or servos controlled directly by the flight controller may have to be calibrated. The following steps will guide you safely through this process.



# Websites Home

# Project N

#### LibrePilot prog

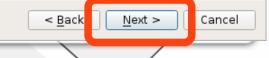
After the split the easy maintenand Fedora with rpm All of the GCS is features have be

# Tapatalk suppo

Hello everyone

I have enabled to issues using it.

Departure fron



LibrePilot GCS Version: 15.09-RC2











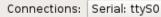




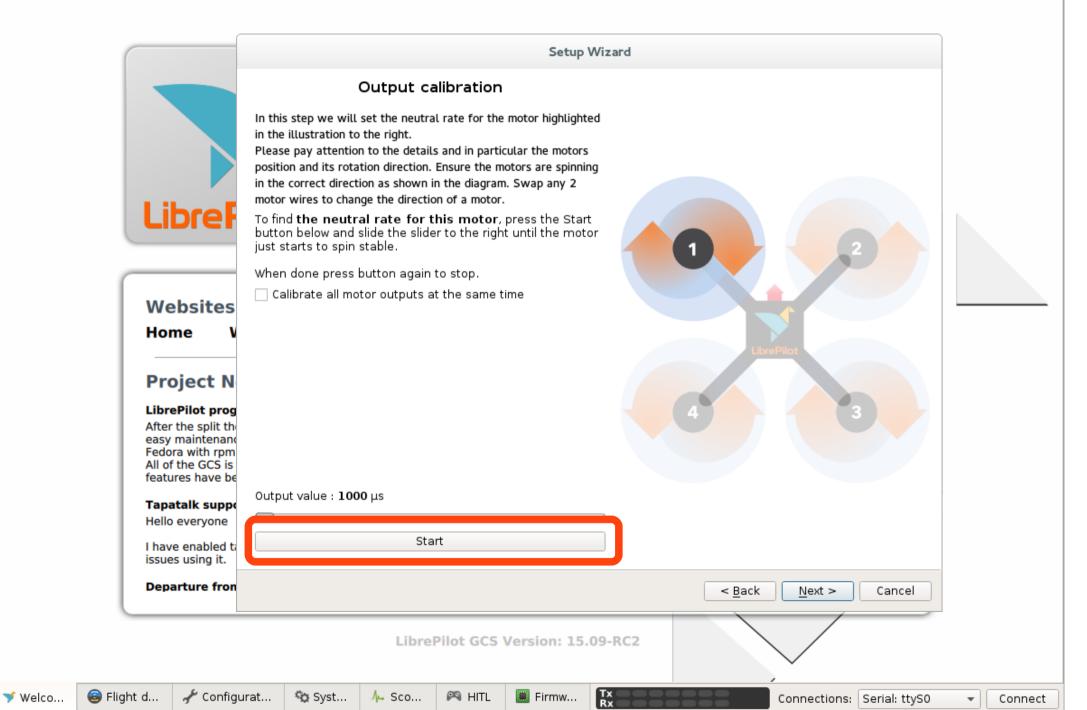


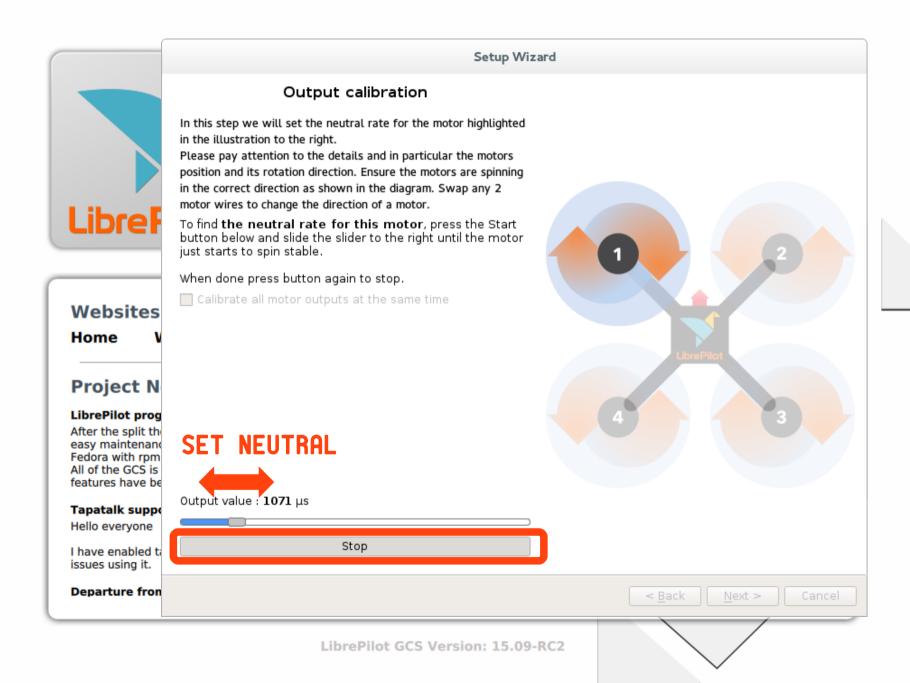






















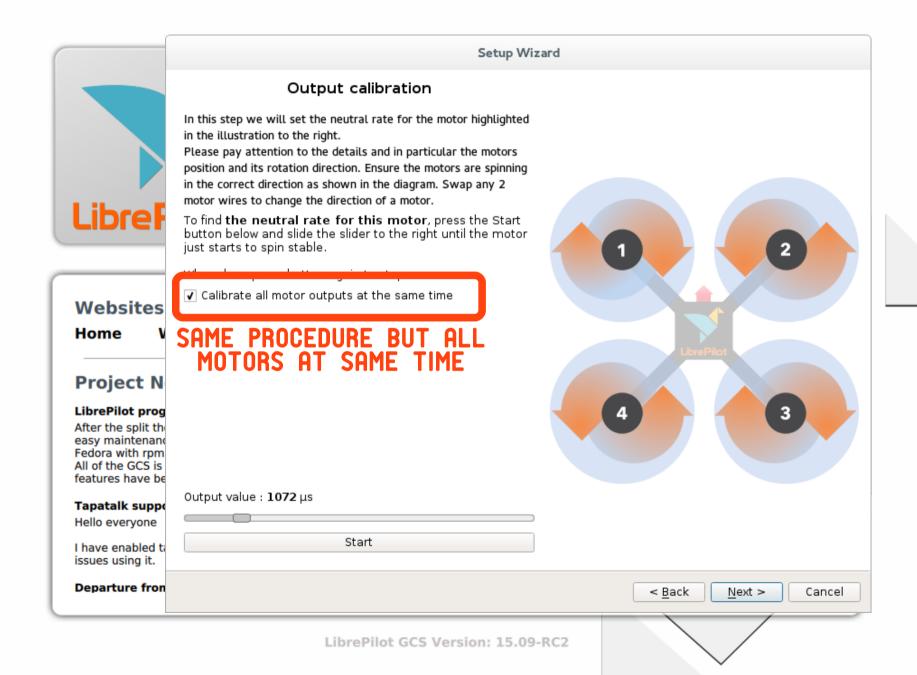








Connections: Serial: ttyS0









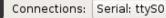




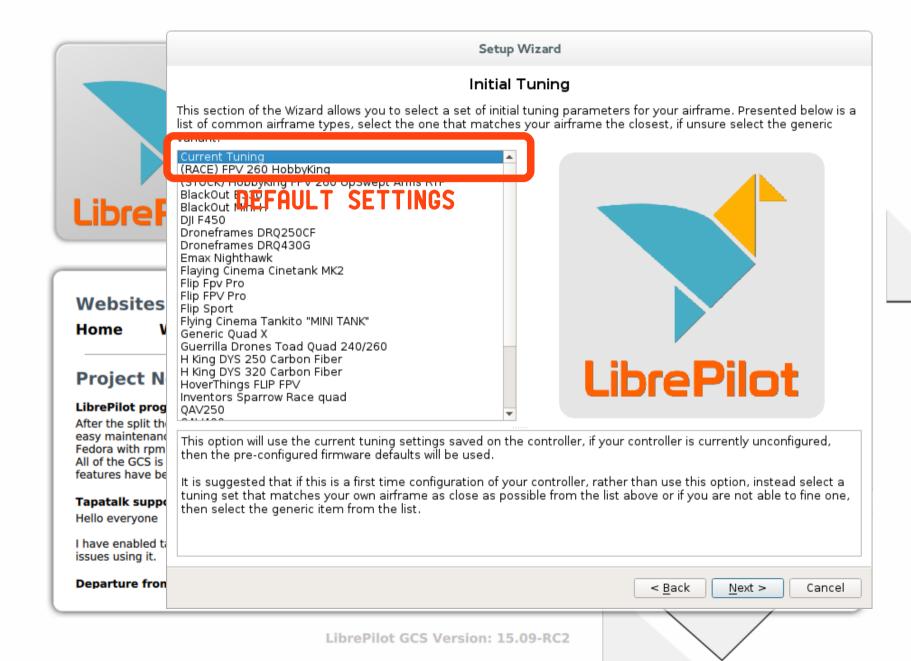






















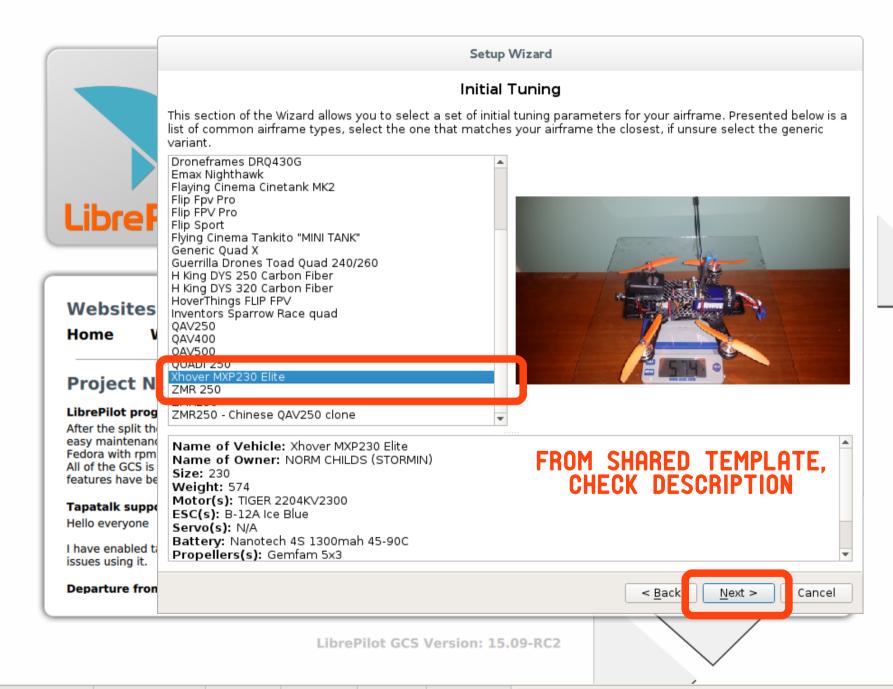






Connections: | Serial: ttyS0

▼ Connect



Welco...





Configurat...

Syst...

/⊷ Sco...

M HITL

Firmw...



Connections: | Serial: ttyS0



# Configuration ready to save

The wizard is now ready to save the configuration directly to your flight controller.

If any of the selections made in this wizard require a reboot of the controller, then power cycling the flight controller board will have to be performed after you save in this step.

Press the Save button to save the configuration.

# Websites

# Home

# Project N

### LibrePilot prog

After the split the easy maintenand Fedora with rpm All of the GCS is features have be

# Tapatalk suppo

Hello everyone

I have enabled to issues using it.

Departure fron



Ready...

Next >

Cancel

LibrePilot GCS Version: 15.09-RC2















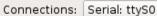




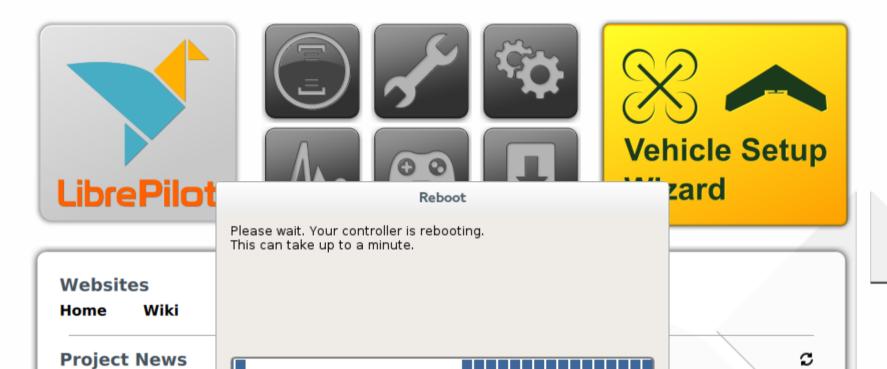




< Back







# LibrePilot progress

After the split there has been much work done with packaging for easy maintenance of code and new Linux distribution support like Fedora with rpm packages.

All of the GCS is refreshed to fit with the new project and new features have been added to imp...

#### Tapatalk support in the forum

Hello everyone

I have enabled tapatalk support, let me know if you have any issues using it.

Departure from the OpenPilot Project, foundation of Libr...

Committed Merged in paul jewell/librepilot/ fix\_google\_maps (pull request #77)

# AlessioMorale

Committed Merged in skarlsso/librepilot/skarlsso/ LP-129 remove broken scalemotor modes (pull request #75)

# paul-jewell

Committed Fix Google Maps version

#### skarlsso

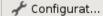
Committed LP-129 Remove broken motor scaling modes

AlessioMorale

LibrePilot GCS Version: 15.09-RC2







Syst...

**√** Sco...

M HITL

Firmw...





