

FIRMWARE RESCUE

LibrePilot GCS 15.09-RC2

x

File Edit Tools Window Help



Websites

[Home](#) [Wiki](#) [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

Hello everyone

Project Activity



-  **AlessioMorale**
[Committed](#) Merged in paul_jewell/librepilot/fix_google_maps (pull request #77)
-  **AlessioMorale**
[Committed](#) Merged in skarlss0/librepilot/skarlss0/LP-129_remove_broken_scalemotor_modes (pull request #75)
-  **paul-jewell**
[Committed](#) Fix Google Maps version

LibrePilot GCS Version: 15.09-RC2

Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

Firm...

Connections: Serial: ttyS0 [Connect](#)

RESCUE

LibrePilot GCS 15.09-RC2

File Edit Tools Window Help

Upgrade

Halt

Boot

Rescue

USB



Upgrade & Erase

Reset

Safe Boot

Erase Settings

Running



Mainboard

To upgrade the firmware in your boards, press Upgrade or Upgrade & Erase and follow instructions.

or
proceed as follows:

- Connect telemetry
- Once telemetry is running, press "Halt" above
- You will get a list of devices.
- You can then upload/download to/from each board as you wish
- You can resume operations by pressing "Boot"

FlightTime
0



Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

Firm...

Tx
Rx

Connections: Serial: ttyS0

Connect

CONNECT BOARD

LibrePilot GCS 15.09-RC2

File Edit Tools Window Help

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Running



Mainboard

To upgrade the firmware in your boards, press Upgrade or Upgrade & Erase and follow instructions.

or
proceed as follows:

- Connect telemetry
- Once telemetry is running, press "Halt" above
- You will get a list of devices.
- You can then upload/download to/from each
- You can resume operations by pressing "Boot"

System Rescue

Please connect your board.
Board must be connected to the USB port!

Timing out in 13 seconds

Cancel

FlightTime
0



Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

Firm...

Tx
Rx

Connections: Serial: ttyS0

Connect

OPEN

LibrePilot GCS 15.09-RC2



File Edit Tools Window Help

Upgrade

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Upgrade & Erase

Reset

Safe Boot

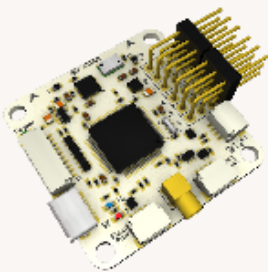
Erase Settings

Running



Device0

Device Information



Revolution

Device ID: 903

HW Revision: 3

Flash access: RW

BL version: 6

Max code size: 655260

Open...

Flash

Retrieve...

0%



Ready...

No file loaded

Firmware:

On Device

Board name:

Revolution

Firmware tag:

RELEASE-14.10

Firmware date:

2014-11-27 09:17

Git commit hash:

738b37c0

CRC:

1884187363



** Follow those instructions to attempt a system rescue **

You will be prompted to first connect USB, then system power

Detecting first board...

Found 1 device(s).

FlightTime
0



Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

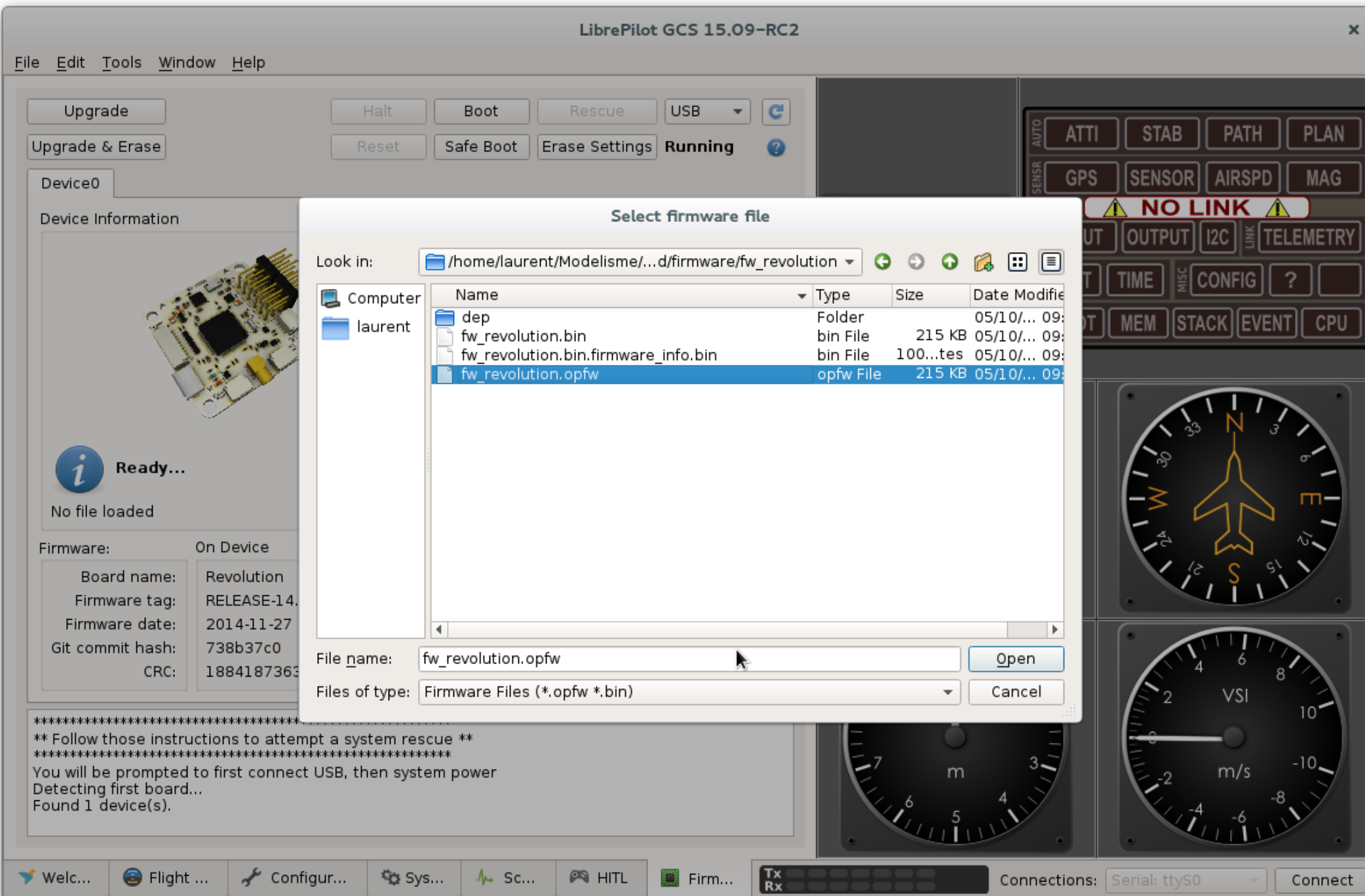
Firm...

Tx
Rx

Connections: Serial: ttyS0

Connect

SELECT FIRMWARE FILE



FLASH

LibrePilot GCS 15.09-RC2



File Edit Tools Window Help

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USB



Upgrade & Erase

Reset

Safe Boot

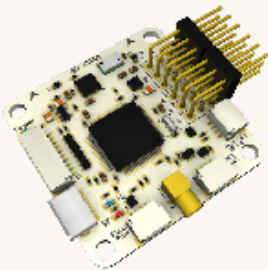
Erase Settings

Running



Device0

Device Information



Revolution

Device ID: 903

HW Revision: 3

Flash access: RW

BL version: 6

Max code size: 655260

Open...

Flash

Retrieve...

0%



The loaded firmware is untagged or custom build. Update only if it was received from a trusted source (official website or your own build).

Firmware loaded: /home/laurent/Modelisme/LibrePilot/LibrePilot_next/build/firmware/fw_revolution/fw_revolution.opfw

Firmware:

On Device

Loaded

Board name:

Revolution

Revolution

Firmware tag:

RELEASE-14.10

15.09-RC2

Firmware date:

2014-11-27 09:17

2015-10-02 16:57

Git commit hash:

738b37c0

2dcfb0c

CRC:

1884187363

2085506101

** Follow those instructions to attempt a system rescue **

You will be prompted to first connect USB, then system power

Detecting first board...

Found 1 device(s).

FlightTime
0



Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

Firm...

Tx
Rx

Connections: Serial: ttyS0

Connect

WRITING...

LibrePilot GCS 15.09-RC2



File Edit Tools Window Help

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Upgrade & Erase

Reset

Safe Boot

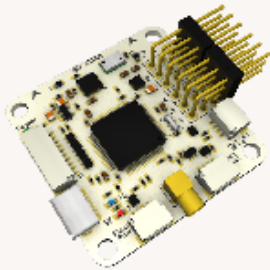
Erase Settings

Running



Device0

Device Information



Revolution

Device ID: 903

Open...

HW Revision: 3

Flash access: RW

Flash

BL version: 6

Max code size: 655260

Retrieve...

40%



Uploading firmware

Firmware loaded: /home/laurent/Modelisme/LibrePilot/LibrePilot_next/build/firmware/fw_revolution/fw_revolution.opfw

Firmware:

On Device

Loaded

Board name:

Revolution

Firmware tag:

RELEASE-14.10

Firmware date:

2014-11-27 09:17

Git commit hash:

738b37c0

CRC:

1884187363

Revolution

15.09-RC2

2015-10-02 16:57

2dcfbf0c

2085506101



** Follow those instructions to attempt a system rescue **

You will be prompted to first connect USB, then system power

Detecting first board...

Found 1 device(s).

FlightTime
0



Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

Firm...

Tx Rx

Connections: Serial: ttyS0

Connect

FIRMWARE UPDATE COMPLETE

LibrePilot GCS 15.09-RC2



File Edit Tools Window Help

Upgrade

Halt

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Rescue

USB



Upgrade & Erase

Reset

Safe Boot

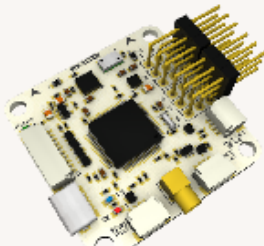
Erase Settings

Running



Device0

Device Information



Revolution

Device ID: 903

Open...

HW Revision: 3

Flash

Flash access: RW

BL version: 6

Retrieve...

Max code size: 655260

100%



Upload successful

Firmware loaded: /home/laurent/Modelisme/LibrePilot/LibrePilot_next/build/firmware/fw_revolution/fw_revolution.opfw

Firmware:

On Device

Loaded

Board name:

Revolution

Firmware tag:

15.09-RC2

Firmware date:

2015-10-02 16:57

Git commit hash:

2dcfb0c

CRC:

1884187363



Revolution

15.09-RC2

2015-10-02 16:57

2dcfb0c

2085506101



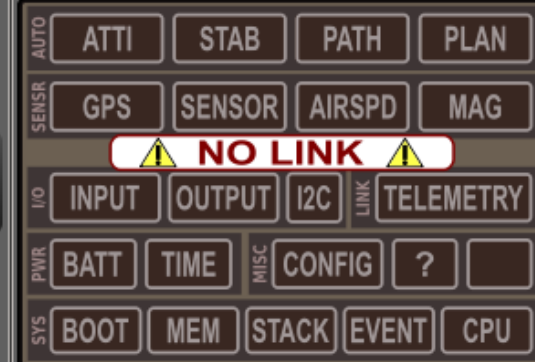
** Follow those instructions to attempt a system rescue **

You will be prompted to first connect USB, then system power

Detecting first board...

Found 1 device(s).

FlightTime
0



Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

Firm...

Tx
Rx

Connections: Serial: ttyS0

Connect

BOOT

LibrePilot GCS 15.09-RC2



File Edit Tools Window Help

Upgrade

Halt

Boot

Rescue

USB



Upgrade & Erase

Reset

Save Boot

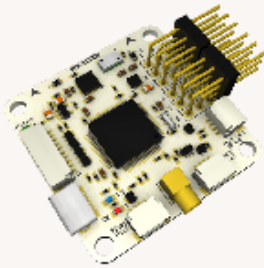
Erase Settings

Running



Device0

Device Information



Revolution

Device ID: 903

Open...

HW Revision: 3

Flash access: RW

Flash

BL version: 6

Max code size: 655260

Retrieve...

100%



Upload successful

Firmware loaded: /home/laurent/Modelisme/LibrePilot/LibrePilot_next/build/firmware/fw_revolution/fw_revolution.opfw

Firmware:

On Device

Loaded

Board name:

Revolution

Firmware tag:

15.09-RC2

Firmware date:

2015-10-02 16:57

Git commit hash:

2dcfbf0c

CRC:

1884187363



Revolution

15.09-RC2

2015-10-02 16:57

2dcfbf0c

2085506101



** Follow those instructions to attempt a system rescue **

You will be prompted to first connect USB, then system power

Detecting first board...

Found 1 device(s).

FlightTime
0

AUTO	ATTI	STAB	PATH	PLAN
SENSOR	GPS	SENSOR	AIRSPD	MAG
I/O	INPUT	OUTPUT	I2C	TELEMETRY
PWR	BATT	TIME	MISC	CONFIG
SYS	BOOT	MEM	STACK	CPU



Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

Firm...

Tx
Rx

Connections: Serial: ttyS0

Connect

BOARD CONNECTED AND RUNNING

LibrePilot GCS 15.09-RC2



File Edit Tools Window Help

Upgrade

Halt

Boot

Rescue

USB



Upgrade & Erase

Reset

Safe Boot

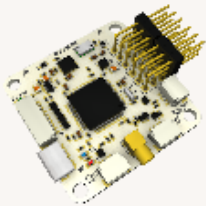
Erase Settings

Running



Connected Device

Device Information



Revolution

Device ID: 903

HW Revision: 3

BL version: 6

CPU Serial: 1c002e001847333132343138

Firmware Information

Firmware tag: 15.09-RC2

Firmware date: 2015-10-02 16:57

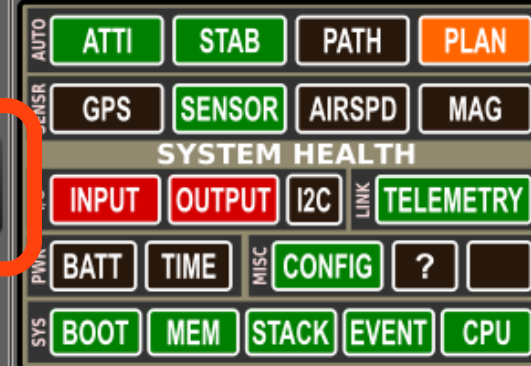
Git commit hash: 2dcbb0c

Firmware CRC: 0



Attempting to boot the system through USB.
Booting system...
You can now reconnect telemetry...

FlightTime
12



Welc...

Flight ...

Configur...

Sys...

Sc...

HITL

Firm...

Tx Rx 24 1820

Connections:

USB: Revolution

Disconnect