

TERMINAL PARA EL BATTERY GPS NODE' ->

```
usuario@labrob17:~/Descargas/pymav$ colcon build
Starting >>> pymav
Finished <<< pymav [0.09s]

Summary: 1 package finished [0.25s]
usuario@labrob17:~/Descargas/pymav$ source install/setup.bash
```

```
usuario@labrob20:~/Documentos/GitHub/pymav$ ros2 run pymav battery_gps_node.py

[INFO] [1740665993.198967945] [battery_gps_node]: Connected to SITL
Battery: 12.60 V, Current: 0.00 A, Remaining: 100 %
Battery: 12.60 V, Current: 0.00 A, Remaining: 100 %
Battery: 12.60 V, Current: 0.00 A, Remaining: 100 %
Battery: 12.60 V, Current: 0.00 A, Remaining: 100 %
Battery: 12.60 V, Current: 3.58 A, Remaining: 99 %
Battery: 12.60 V, Current: 3.58 A, Remaining: 99 %
Battery: 12.60 V, Current: 15.27 A, Remaining: 99 %
Battery: 12.60 V, Current: 15.27 A, Remaining: 99 %
Battery: 12.60 V, Current: 32.67 A, Remaining: 99 %
Battery: 12.60 V, Current: 32.67 A, Remaining: 99 %
Battery: 12.60 V, Current: 28.12 A, Remaining: 98 %
Battery: 12.60 V, Current: 28.12 A, Remaining: 98 %
[INFO] [1740666005.207602949] [battery_gps_node]: Moving drone to Lat: 37.0, Lon
: 120.0, Alt: 20.0 m
Battery: 12.60 V, Current: 27.33 A, Remaining: 98 %
Battery: 12.60 V, Current: 27.33 A, Remaining: 98 %
Battery: 12.60 V, Current: 28.04 A, Remaining: 97 %
Battery: 12.60 V, Current: 28.04 A, Remaining: 97 %
Battery: 12.60 V, Current: 28.12 A, Remaining: 97 %
Battery: 12.60 V, Current: 28.12 A, Remaining: 97 %
Battery: 12.60 V, Current: 29.51 A, Remaining: 97 %
Battery: 12.60 V, Current: 29.51 A, Remaining: 97 %
Battery: 12.60 V, Current: 31.44 A, Remaining: 96 %
Battery: 12.60 V, Current: 31.44 A, Remaining: 96 %
Battery: 12.60 V, Current: 30.89 A, Remaining: 95 %
Battery: 12.60 V, Current: 30.89 A, Remaining: 95 %
Battery: 12.60 V, Current: 30.53 A, Remaining: 95 %
Battery: 12.60 V, Current: 30.53 A, Remaining: 95 %
Battery: 12.60 V, Current: 30.31 A, Remaining: 94 %
Battery: 12.60 V, Current: 30.31 A, Remaining: 94 %
Battery: 12.60 V, Current: 30.35 A, Remaining: 94 %
Battery: 12.60 V, Current: 30.35 A, Remaining: 94 %
```

TERMINAL PARA EL 'MISSION CONTROL NODE' ->

```
usuario@labrob17:~/Descargas/pymav$ colcon build
Starting >>> pymav
Finished <<< pymav [0.09s]

Summary: 1 package finished [0.25s]
usuario@labrob17:~/Descargas/pymav$ source install/setup.bash
```

```

usuario@labrob20:~/Documentos/GitHub/pymav$ ros2 run pymav mission_control_node.
py 37.0 120.0 20.0
[INFO] [1740665991.193513465] [mission_control_node]: Connected to SITL
[INFO] [1740665991.193974627] [mission_control_node]: Mode changed to GUIDED.
[INFO] [1740665991.194257485] [mission_control_node]: Arming drone...
[INFO] [1740665993.195102856] [mission_control_node]: Taking off...
[INFO] [1740666005.207209812] [mission_control_node]: Published target GPS: Lat=
37.0, Lon=120.0, Alt=20.0 m
[INFO] [1740666005.207887831] [mission_control_node]: Battery: 100%
[INFO] [1740666005.208316727] [mission_control_node]: Battery: 100%
[INFO] [1740666005.208709026] [mission_control_node]: Battery: 99%
[INFO] [1740666005.209220404] [mission_control_node]: Battery: 99%
[INFO] [1740666005.209685478] [mission_control_node]: Battery: 99%
[INFO] [1740666005.210074285] [mission_control_node]: Battery: 99%
[INFO] [1740666005.210463091] [mission_control_node]: Battery: 99%
[INFO] [1740666005.210863212] [mission_control_node]: Battery: 99%
[INFO] [1740666005.211242940] [mission_control_node]: Battery: 98%
[INFO] [1740666005.211625880] [mission_control_node]: Battery: 98%
[INFO] [1740666006.202903218] [mission_control_node]: Battery: 98%
[INFO] [1740666007.200650380] [mission_control_node]: Battery: 98%
[INFO] [1740666008.202795944] [mission_control_node]: Battery: 97%
[INFO] [1740666009.200422075] [mission_control_node]: Battery: 97%
[INFO] [1740666010.202732747] [mission_control_node]: Battery: 97%
[INFO] [1740666011.200458477] [mission_control_node]: Battery: 97%
[INFO] [1740666012.202729692] [mission_control_node]: Battery: 97%
[INFO] [1740666013.200779839] [mission_control_node]: Battery: 97%
[INFO] [1740666014.202550645] [mission_control_node]: Battery: 96%
[INFO] [1740666015.200458319] [mission_control_node]: Battery: 96%
[INFO] [1740666016.202811466] [mission_control_node]: Battery: 95%
[INFO] [1740666017.200950179] [mission_control_node]: Battery: 95%
[INFO] [1740666018.202790136] [mission_control_node]: Battery: 95%
[INFO] [1740666019.200639780] [mission_control_node]: Battery: 95%
[INFO] [1740666020.203059773] [mission_control_node]: Battery: 94%
[INFO] [1740666021.200440646] [mission_control_node]: Battery: 94%
[INFO] [1740666022.202561303] [mission_control_node]: Battery: 94%
[INFO] [1740666023.200291945] [mission_control_node]: Battery: 94%

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[INFO] [1740666298.202562087] [mission_control_node]: Battery: 24%
[INFO] [1740666299.200296213] [mission_control_node]: Battery: 24%
[INFO] [1740666300.202706570] [mission_control_node]: Battery: 23%
[INFO] [1740666301.200377491] [mission_control_node]: Battery: 23%
[INFO] [1740666302.202472167] [mission_control_node]: Battery: 23%
[INFO] [1740666303.200322514] [mission_control_node]: Battery: 23%
[INFO] [1740666304.202351821] [mission_control_node]: Battery: 22%
[INFO] [1740666305.200324741] [mission_control_node]: Battery: 22%
[INFO] [1740666306.202541364] [mission_control_node]: Battery: 22%
[INFO] [1740666307.200239671] [mission_control_node]: Battery: 22%
[INFO] [1740666308.202409782] [mission_control_node]: Battery: 21%
[INFO] [1740666309.200388294] [mission_control_node]: Battery: 21%
[INFO] [1740666310.202348115] [mission_control_node]: Battery: 21%
[INFO] [1740666311.200460516] [mission_control_node]: Battery: 21%
[INFO] [1740666312.202404764] [mission_control_node]: Battery: 20%
[INFO] [1740666312.202942753] [mission_control_node]: Low battery! Initiating em
ergency landing.
[INFO] [1740666342.233839116] [mission_control_node]: Battery: 15%
[INFO] [1740666342.234342882] [mission_control_node]: Low battery! Initiating em
ergency landing.

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