

# Tello Driver III

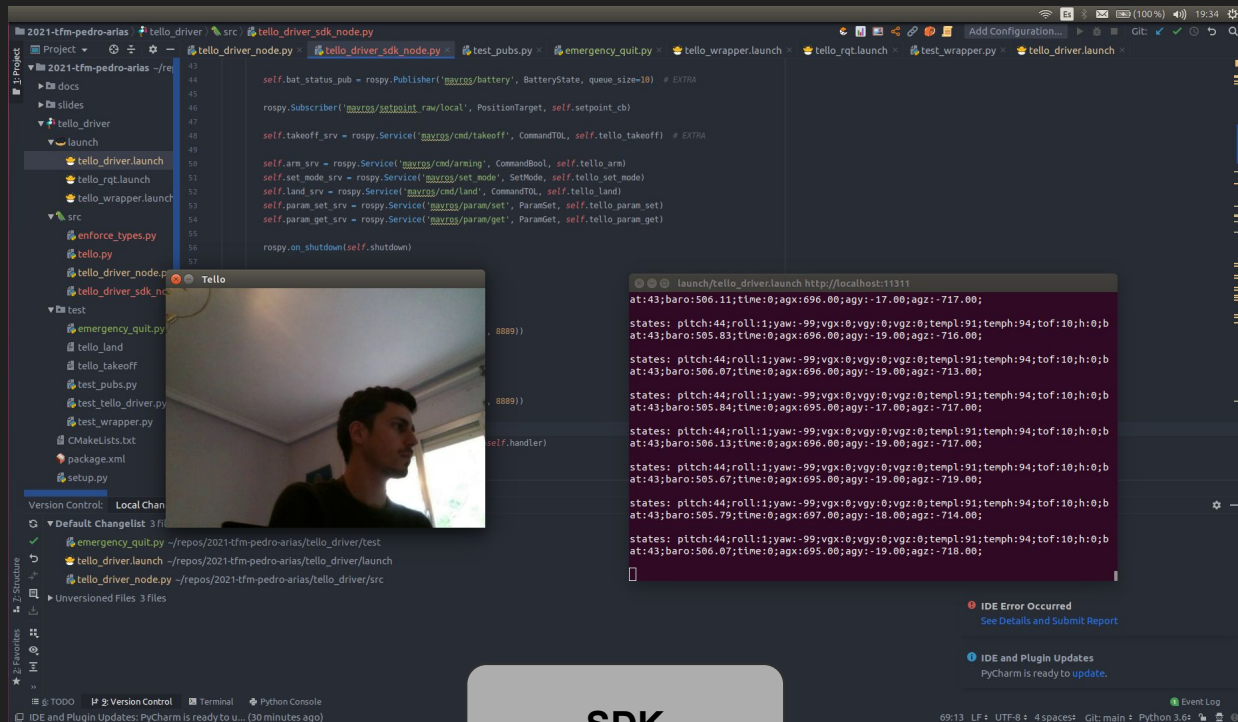
Pedro Arias

# TODO

- Imágenes: h.264
- Takeoff
- Completar pubs
- Setpoint\_raw

# TODO

- Imágenes: h.264 ¿?
- ~~Takeoff~~
- Completar pubs ¿?
- ~~Setpoint\_raw~~



SDK

# SDK vs TelloPy

## SDK

- Sin dependencias (sockets y threadings)
- Modo de vuelo: SDK
- Funcionalidades del [SDK](#)
- Más sencillo, más limitado

http://www.pearuents.com

### 3. TELLO COMMAND TYPES AND RESULTS

This SDK includes three basic command types.

- **Control Commands (cmd)**
  - returns "ok" if the command is executed successfully
  - returns "error" or an informative result code if unsuccessful
- **Read Commands (read)**
  - returns the current value of the sub-parameter(s).
- **Set Command (set)** will attempt to set a new sub-parameter value(s)
  - returns "ok" if the command is executed successfully
  - returns "error" or an informative result code if unsuccessful

### 4. TELLO COMMANDS

Control Commands

Command	Description	Possible Response
command	entry a Tello mode	ok error

Command	Description	Possible Response
takeoff	Tello auto takeoff	ok error

Command	Description	Possible Response
land	Tello auto land	ok error

Command	Description	Possible Response
altimeter	Get video stream on	ok error

## TELLOPY

- Necesita TelloPy
- Modo de vuelo: GUIADO
- Más completo, más funcionalidades

Search or jump to...

haryazou / TelloPy

Go to file Add file + Code

develop-0.7.0 14 branches 7 tags

haryazou merge pull request #13 from ryensgrothegtech-dual-action -- 2a37f77 on 3 Aug 2020 118 commits

File	Description	Time
files	Add screen shot of joystick_and_video example	2 years ago
tellopy	Add comments.	10 months ago
tests	add basic launcher script for keyboard client	3 years ago
glogignore	Add README.md and setup files	3 years ago
LICENSE.txt	initial version	3 years ago
README.md	Add screen shot of joystick_and_video example	2 years ago
setup.cfg	Add README.md and setup files	3 years ago
setup.py	Create new develop-0.7.0 branch and update version number	2 years ago
test_box.py	Add Xbow One S (wired and wireless support)	10 months ago

7 tags

Releases

7 tags

Packages

No packages published

Used by

17

Contributors

3 contributors

### DJI Tello drone controller python package

This is a python package which controls DJI toy drone "Tello". The major portion of the source code was ported from the driver of GOBOT project. For original gobot version and protocol in detail, please refer their blog post at <https://gobot.io/blog/2018/04/20/hello-tello-hacking-drones-with-go>

# Pubs

## SDK y Tellopy

- Pose linear
- cmd\_pos (x y)
- Vel angular

## SDK [subs]

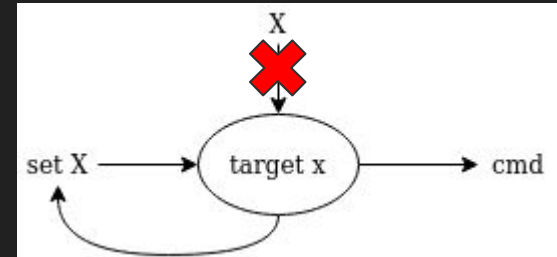
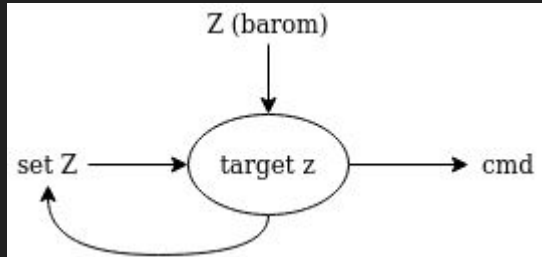
- cmd\_vel: linear and angular (yaw\_rate)

## Tellopy

- Pose angular

# cmd\_pos

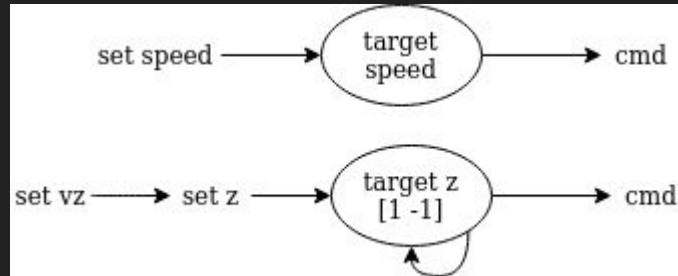
- No tengo información sensorial en x e y



- ¿Cuándo actualizo mi estado en x e y?

# SDK: cmd\_vel

- Tello no admite comandos de velocidad a través del SDK



- Falsear control en velocidad con un control en posición

# PX4 Real

- MAVROS?
- Red wifi?

