

# An overview of the fused Mobile DJI SDK and ROS API

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# GIT Repository

`https://github.com/ruizvitor/RosAPIIdroneAndroid.git`  
`https://github.com/ruizvitor/rosHostApi.git`

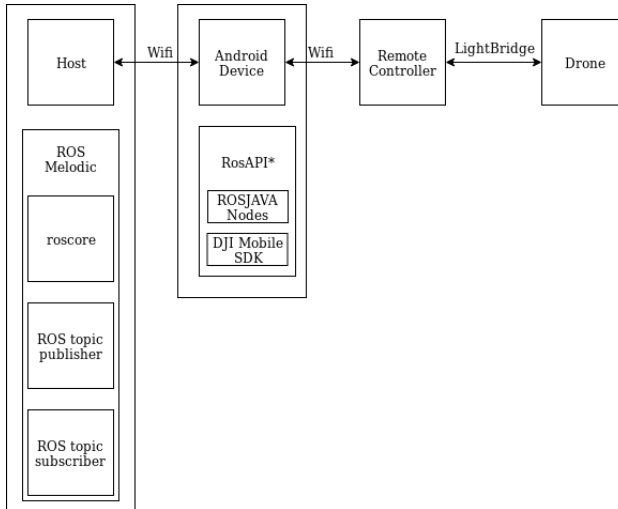


Figure: RosAPI Illustration

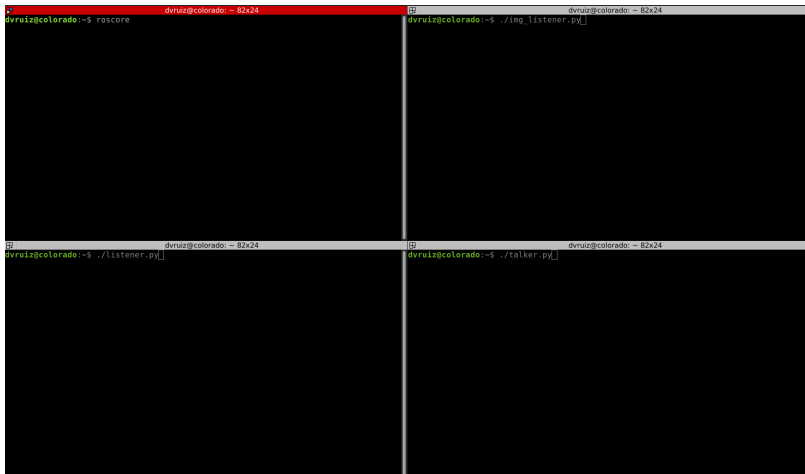
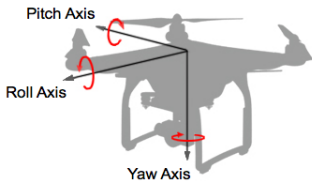
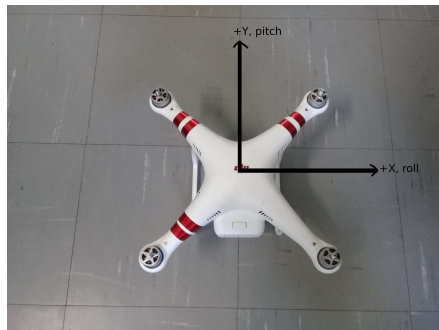


Figure: Recommended terminal windows layout

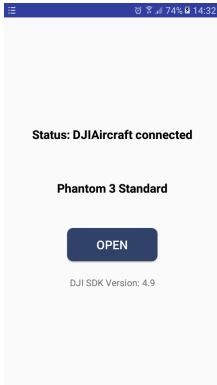


(a)



(b)

Figure: Body coordinate system. [DJI16]



(a) ConnectionActivity



(b) SimpleActivity

Figure: Android activities illustration.

# References I



DJI, *Flight control*,

[https://developer.dji.com/mobile-sdk/documentation/introduction/flightController\\_concepts.html#ioc-intelligent-orientation-control](https://developer.dji.com/mobile-sdk/documentation/introduction/flightController_concepts.html#ioc-intelligent-orientation-control),  
2016, Accessed in 03/04/2019.

Thanks for your attention!

Questions?