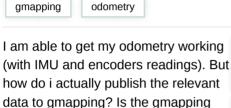


now!

how does the odometry (imu+encoder) publish its data to gmapping?



file actually subscribing any data from





the odometry?

Hı, Mr. @Andrick . Coul you please help me how to merge imu andencoder data?

iii Mekateng (**Jun 7 '18**)

how did you get odometry working can you share **kallivalli** (Sep 17 '19)

add a comment

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To answer questions of this nature, it is always good to refer to the package itself: gmapping subscribed topics

answered Jul 16 '13 2168 • 26 • 43 • 64

link

add a comment

Hey,

Basically as Weiin said the Gmapping

answered Jul 17 '13 130 • 5 • 6 • 14

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1 of 2 11/26/19, 10:04 PM link shows that Gmapping is subscribed to tf/tfMessage to get its odometer information.

You need to publish the odometer information as both a nav_msgs/Odometry and a tf/tfMessage. A good tutorial explaining this can be found here

http://www.ros.org/wiki/navigation/Tutorials/RobotSetup/Odom

link

Comments

3	You do not need the odometry message for gmapping. It gets that data through the tf. (You do however, need the odometry message for the navigation stack.) weiin (Jul 17 '13)
	Yes sorry Weiin is correct, Gmapping does not need it itself:D HenryW (Jul 18 '13)
	Alright thanks! I'll have to read more about the tf then! :) Andrick (Jul 18 '13)
	add a comment

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2 of 2 11/26/19, 10:04 PM