KOS Ros nodes communicate through mage (in topics).

Ros moster does not allow multiple nodes with same name. orientes is executed by

rostan turtiesim turtiesim-node _ - name: = A 11 - node --names = B

toute teleopker & conditel (B) turtlesim_node.

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Every topic has a mag type associated with it

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passage type name.

geometry mags / twost

Create a post Cookin workspace.

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a surprisedur man

touch node-hello-ros. Py

mouse to executable -

Command:

rosmag show goometry-mage / Twist

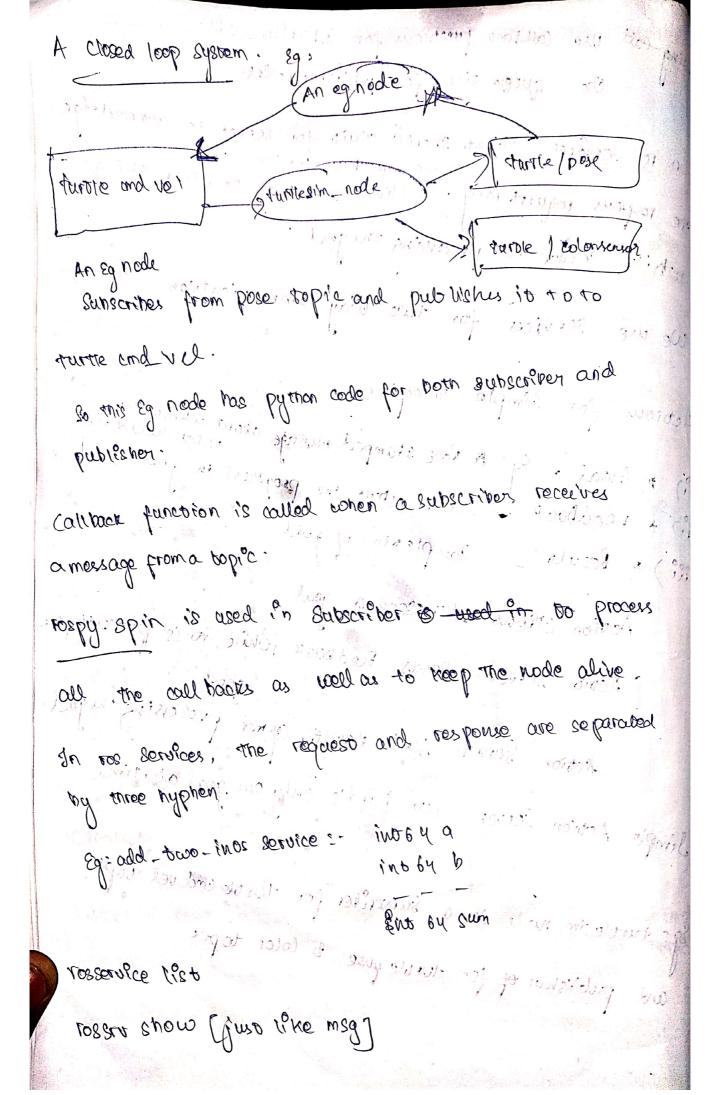
+ Displays Propo about the message type
The oxecutable
* Node names are différent frem name
executable is created within.
you can create a launch file to directly launch in
create a launch tile inside a plg using.
touch to pilename : launch . Is how so so and the point of
And edit the launch file.
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rostopic info / chatren
* shows into like publishers, subscribers.
rostopic echo: chaster land and and and and and and and and and
* might inside the topic statutions of owners

rostopic - A carrier of mags from ross publisher to subscriber
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Every mag five is socied in mag folder of a prog. whose data types are present. Turviesim node for the turblesimulation and a mood to
Every musq stile is stored in msg folder of a Pry
tupes are present.
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Turtiesem node will always be a subscriber of turtie un
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pablish / Subscribe model is many to many one - way transport.
Scanned with CamScanner
Scanned with CamScanner

use compace functions for Subscriber modes. Ose que le size for publisher nodes. In ros geruleres, Client should avair for server to acknowledge so we are Ros dation of their things.

The response require mig. So client can work on other things. while server is processing the goal We use services for two-way communication Action for Simple Interfacesión of a Feedback Teils about the progress in g (ii) A Result - Completion of goal singer some opposition Action Client will sond a goal Action setver Sends Foodback while to is processing the Sorver- Bond Result apret processing rugal. Simple Action Server: On handle only one goal abatime Eg: tuestesim-node is a subscriber for tueste and vel Lopic and publisher of for turole pose to loter topic



1.03 service Call, be change the parameters in sorver. ROS Sorvice - con to analogous DO ATTRURL Requeso from cheens- Response from Server: so me crome a sorvice client and sorvice server To take input from key board: Embour Eds, function (frond sylvargu (1)), flood (sylvargu(2)))