ModelPlugin AzabauCazabaPasEarraPasadMa

gazebo::GazeboRosForceBasedMove

- parent
- update connection
- link
- link name
- rosnode
- odometry_pub_
- vel_sub_
- transform broadcaster
- odom
- tf_prefix_
- odom transform
- lock

gazebo::FetchGazeboPlugin

- model

update

- joints

- nh

- prevUpdateTime

- controller manager

+ FetchGazeboPlugin()

+ ~FetchGazeboPlugin()

- last update time

- joint state pub

- last publish

+ Load()

- OnUpdate()

+ Init()

- robot namespace
- command topic
- odometry topic
- odometry frame
- robot base frame
- odometry rate
- cmd vel time out
- publish odometry tf
- queue
- callback queue thread
- last cmd vel time
- x_
- y_
- rot
- alive
- last odom publish time
- iasi_odom_publish_time
- last_odom_pose_
- torque_yaw_velocity
- _p_gain
- force_x_velocity_p
- _gain
- force_y_velocity_p gain
- + GazeboRosForceBasedMove()
- + ~GazeboRosForceBasedMove()
- + Load()
- # UpdateChild()
- # FiniChild()
- publishOdometry()
- getTransformForMotion()
- QueueThread()
- cmdVelCallback()

gazebo::MecanumPlugin

- update connection
- model
- wheel link
- fixed link
- roller angle
- roller friction
- roller skid friction
- + Load()
- # GazeboUpdate()