—-------------------------------------------------------------------------------------------------------------------------

Links related to urdf construction creating a lidar sensor for simulation in gazebo etc

<https://wiki.ros.org/urdf/Tutorials>

<https://www.theconstructsim.com/create-a-ros-sensor-plugin-for-gazebo/>

<https://github.com/ROBOTIS-GIT/turtlebot3/tree/master/turtlebot3_slam>

<https://duckduckgo.com/?q=creating+a+lidar+for+simulation+ros1+gazebo&t=ffab&ia=web>

<https://wiki.ros.org/simulator_gazebo/Tutorials>

<https://articulatedrobotics.xyz/mobile-robot-8-lidar/>

<https://answers.gazebosim.org/question/19785/could-not-find-parameter-robot_description-on-parameter-server/>

<https://answers.ros.org/question/309793/errno-13-permission-denied-roslaunch/>

Issue of when command needs to be replaced to textfile because of no executable mode set on the file (urdf file)

<https://robotics.stackexchange.com/questions/15954/ros-joint-state-publisher-dies-when-used-in-remote-launch-file>

<https://answers.ros.org/question/323094/robot_state_publisher-has-died-joint_state_publisher-has-died/>

<https://wiki.ros.org/catkin/CMakeLists.txt>

<https://wiki.ros.org/ROS/Tutorials/CreatingPackage>

<https://stackoverflow.com/questions/58178581/invalid-roslaunch-xml-syntax-not-well-formed>

<https://answers.ros.org/question/337079/param-robot_description-not-found-by-searchparam/>

<https://robotics.stackexchange.com/questions/15954/ros-joint-state-publisher-dies-when-used-in-remote-launch-file>

—--------------------------------------------------------------------------------------------------------------------

Links related to vargi bot and conveyors mainly and moveit

<https://github.com/chebro/VargiBot>

<https://ur5.chebro.dev/#implementation>

<https://github.com/search?q=vargibot&type=repositories>

<https://github.com/amogha0x00/VargiBots-eYRC>

<https://github.com/SatyamOzaR/Vargi-Bots-eYRC>

<https://github.com/e-yantra-r3/vb_simulation_pkgs/tree/master/gazebo-conveyor>

<https://bitbucket.org/osrf/ariac/src/master/>

<https://ros-planning.github.io/moveit_tutorials/doc/getting_started/getting_started.html>

Moveit installation for ubuntu 20.04

<https://ros-planning.github.io/moveit_tutorials/>

Moveit tutorials

<https://ros-planning.github.io/moveit_tutorials/doc/setup_assistant/setup_assistant_tutorial.html>

Moveit setup assistant

<https://www.youtube.com/watch?v=QdzmMRXAks4>

<https://forum.universal-robots.com/t/conveyor-tracking/12542/2>

<https://bitbucket.org/osrf/ariac/src/master/>

Gazebo open source models – conveyor belt

<https://catkin-tools.readthedocs.io/en/latest/verbs/catkin_config.html>

<https://wiki.ros.org/catkin>

<https://stackoverflow.com/questions/41234957/catkin-command-not-found>

<https://answers.ros.org/question/353113/catkin-build-in-ubuntu-2004-noetic/>

—--------------------------------------------------------------------------------------------------------------------

<https://imagetostl.com/convert/file/stl/to/dae>

Stl to dae file conversion

—--------------------------------------------------------------------------------------------------------------------

References on 12-12-2023

<https://emanual.robotis.com/docs/en/platform/turtlebot3/overview/#overview>

Turtlebot3 e-manual by ROBOTIS

<https://github.com/ROBOTIS-GIT/turtlebot3/tree/noetic-devel>

Turtlebot3 ros noetic github repository

<https://github.com/ROBOTIS-GIT/turtlebot3_manipulation>

Opens source contributions for turtlebot3 manipulation

<https://github.com/ROBOTIS-GIT/turtlebot3_manipulation_simulations>

Open source contribution for turtlebot3 manipulation slam

<https://github.com/ROBOTIS-GIT/turtlebot3_simulations/tree/noetic-devel>

Open source contribution for turtlebot3 simulation

<https://github.com/ROBOTIS-GIT/turtlebot3/tree/noetic-devel/turtlebot3_teleop>

Turtlebot3 teleop directory, check out the nodes

<https://classic.gazebosim.org/tutorials?tut=ros_gzplugins>

Gazebo tutorial for ros1 on how to use gazebo plugins for ROS on gazebo

<https://classic.gazebosim.org/tutorials?tut=ros_control>

Gazebo documentation on ros\_control

<https://classic.gazebosim.org/tutorials?tut=components>

Gazebo documentation on gazebo components

<http://sdformat.org/spec?ver=1.7&elem=scene>

Sdf format references

<http://wiki.ros.org/gazebo_ros_control>

Ros wiki article on gazebo\_ros\_control