

URDF_Gazebo_References 2021

How to Code the Model of a Robot with URDF, SDF, SRDF, XACRO 504 views • Sep 24, 2019 Video 7:15

<https://www.youtube.com/watch?v=11fAleB099g>

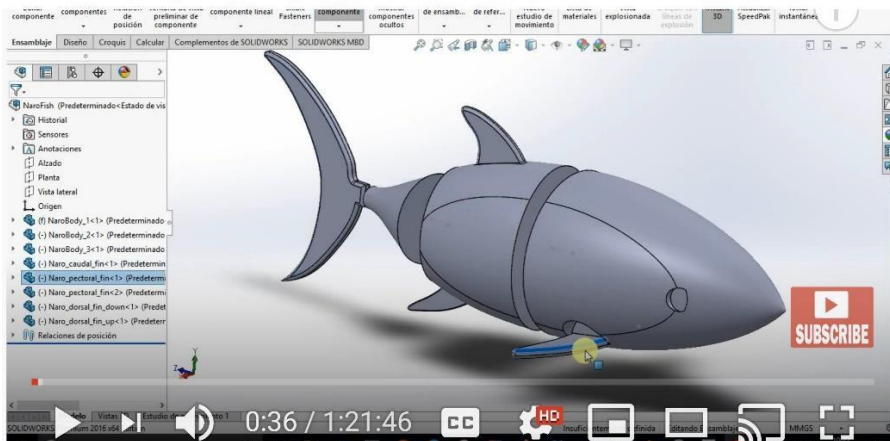
Other References:

1. Gazebo Tutorials for Gazebo web - Various tutorials

<http://gazebosim.org/tutorials/>

2. ROS Tutorial] How to open a solidworks model in gazebo 11,752 Views 1:21:46

https://www.youtube.com/watch?v=T7X_p_KMwus&feature=youtu.be



3. URDF References ROSCon 2012 - URDF and You Published on May 23, 2012
David Lu URDF and YOU 43:57 An Expert in URDF

<https://www.youtube.com/watch?v=g9WHxOpAUUs>

4. RRBot, or "Revolute-Revolute Manipulator Robot", is a simple 3-linkage, 2-joint arm

Tutorial: Using a URDF in Gazebo

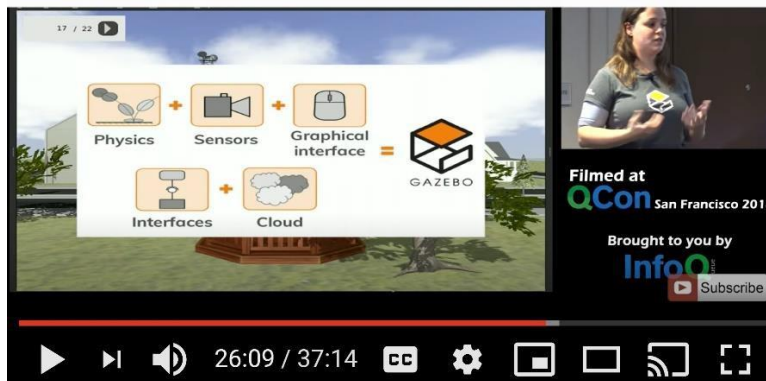
The **Universal Robotic Description Format (URDF)** is an XML file format used in ROS to describe all elements of a robot. To use a URDF file in Gazebo, some additional simulation-specific tags must be added to work properly with Gazebo. This tutorial explains the necessary steps to successfully use your URDF-based robot in Gazebo, saving you from having to create a separate SDF file from scratch and duplicating description formats. Under the hood, Gazebo will then convert the URDF to SDF automatically.

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http://gazebosim.org/tutorials/?tut=ros_urdf

5. Open Source Robotics: Hands on with Gazebo and ROS 2
9,534 views • May 6, 2019 Video 37:14

https://www.youtube.com/watch?v=Gwbk6Qf_TqY



Gazebo now and things to come.

http://gazebosim.org/tutorials/?tut=ros_urdf