3D Model download

https://www.zcool.com.cn/article/ZOTQzNzE2.html

https://3dwarehouse.sketchup.com/

https://clara.io/library

https://free3d.com/3d-models/

存放路径

~/.gazebo/models/

vscode 安装 可查看.dae 3D模型的插件

3D Viewer for VSCode

.config .sdf 文件编写

https://zhuanlan.zhihu.com/p/262230407

第二个网页可看可不看:

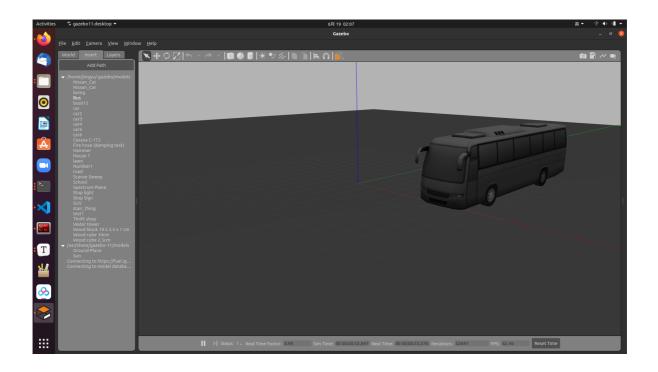
https://blog.csdn.net/qq_44365861/article/details/107165017

gazebo 单个模型导入并查看

比如在~/.gazebo/models/bus 目录下启动gazebo, 在此路径下打开terminal,输入:

gazebo

点击insert, 插入模型:



project Run

step 1

在**gazeboRos_ws**文件夹目录下,打开一个终端窗口 terminal1,用于启动gazebo环境:

catkin build

source ./devel/setup.bash

roslaunch urdf02_gazebo demo03_env.launch

step 2

在gazeboRos_ws文件夹目录下,打开一个新的终端窗口 terminal2,用于启动rviz环境:

source ./devel/setup.bash

roslaunch urdf02_gazebo demo04_sensor.launch

step 3

在任意路径下,打开一个新的终端窗口 terminal3,用于键盘控制小车的方向与速度, 键盘控制运动 i 向前走,k 停止,","后退,j向左转,L向右转:

rosrun teleop_twist_keyboard teleop_twist_keyboard.py _speed:=0.8 _turn:=0.0 //_speed 线速度 //_turn 角速度