

Gazebo - Open Source Robotics Simulation Tool



Listing details

Reference Number: RF399046

Common

Price: \$ 0.00
Country: United States
Description:

Gazebo - Robotics Simulation Tool

"Robot simulation made easy"

Robot simulation is an essential tool in every roboticist's toolbox. A well designed simulator makes it possible to rapidly test algorithms, design robots, and perform regression testing using realistic scenarios.

Gazebo is a 3D multi-robot simulator with dynamics. It offers the ability to accurately and efficiently simulate populations of robots, objects, and sensors in complex indoor and outdoor environments. Gazebo generates both realistic sensor feedback and physically plausible interactions between objects; it includes an accurate simulation of rigid-body physics.

At your fingertips is a robust physics engine, high-quality graphics, and convenient programmatic and graphical interfaces. Best of all, Gazebo is free and supported by a vibrant community.

Features:

- Dynamics Simulation
- Advanced 3D Graphics
- Sensors and Noise
- Plugins
- Robot Models
- TCP/IP Transport
- Cloud Simulation
- Command Line Tools

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

Posted:

7 years ago

