

# Gazebo UX Test Drive

Global ROS-I Community Web Meeting

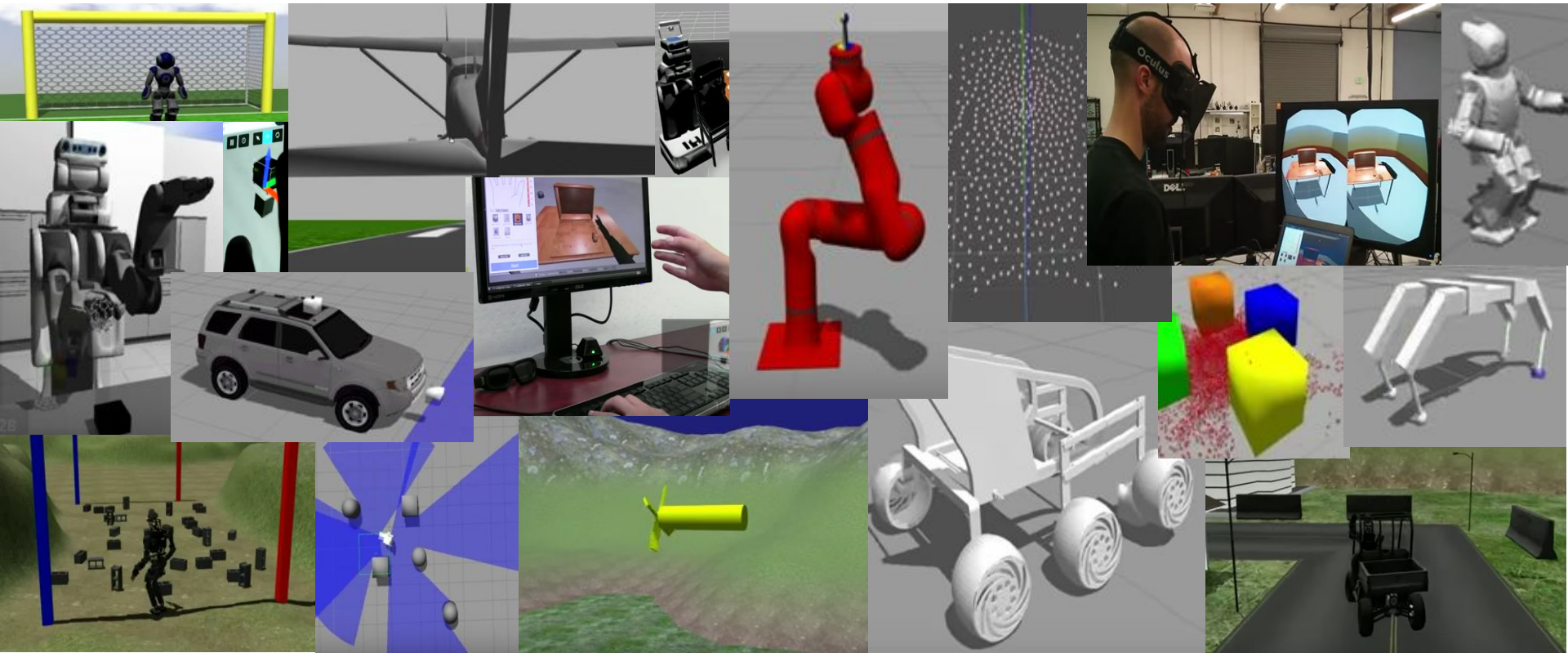
Louise Poubel  
January 10, 2017

 @chapulinaBR



Open Source  
Robotics Foundation

# Gazebo



[https://youtu.be/R3xUKYcG\\_bc](https://youtu.be/R3xUKYcG_bc)

# Model Introspection

# Contact visualization

# Model Editor

# Visual markers

Apply Force / Torque

# Plotting



And much more!

- Log and playback (rewindable)
- Building editor
- Actors
- Undo/redo
- Hardware integration (VR, controllers...)
- Roads
- Digital elevation models
- Populations
- View angles, orthographic view
- Nested models
- SVG extrusion
- Align tool
- New sensors and sensor noise
- New plugins...

# Using Gazebo with ROS

- Default Gazebo-ROS combos

ROS version				L-Turtle
Gazebo version	2.2	5.0	7.0	8.0

- Also possible to **make your own combination**

[http://gazebosim.org/tutorials?tut=ros\\_wrapper\\_versions](http://gazebosim.org/tutorials?tut=ros_wrapper_versions)

- From Gazebo 7, releases are synced with ROS!

# Gazebo Resources & Documentation

<http://gazebo-sim.org>

<http://gazebo-sim.org/tutorials>

<http://answers.gazebo-sim.org>