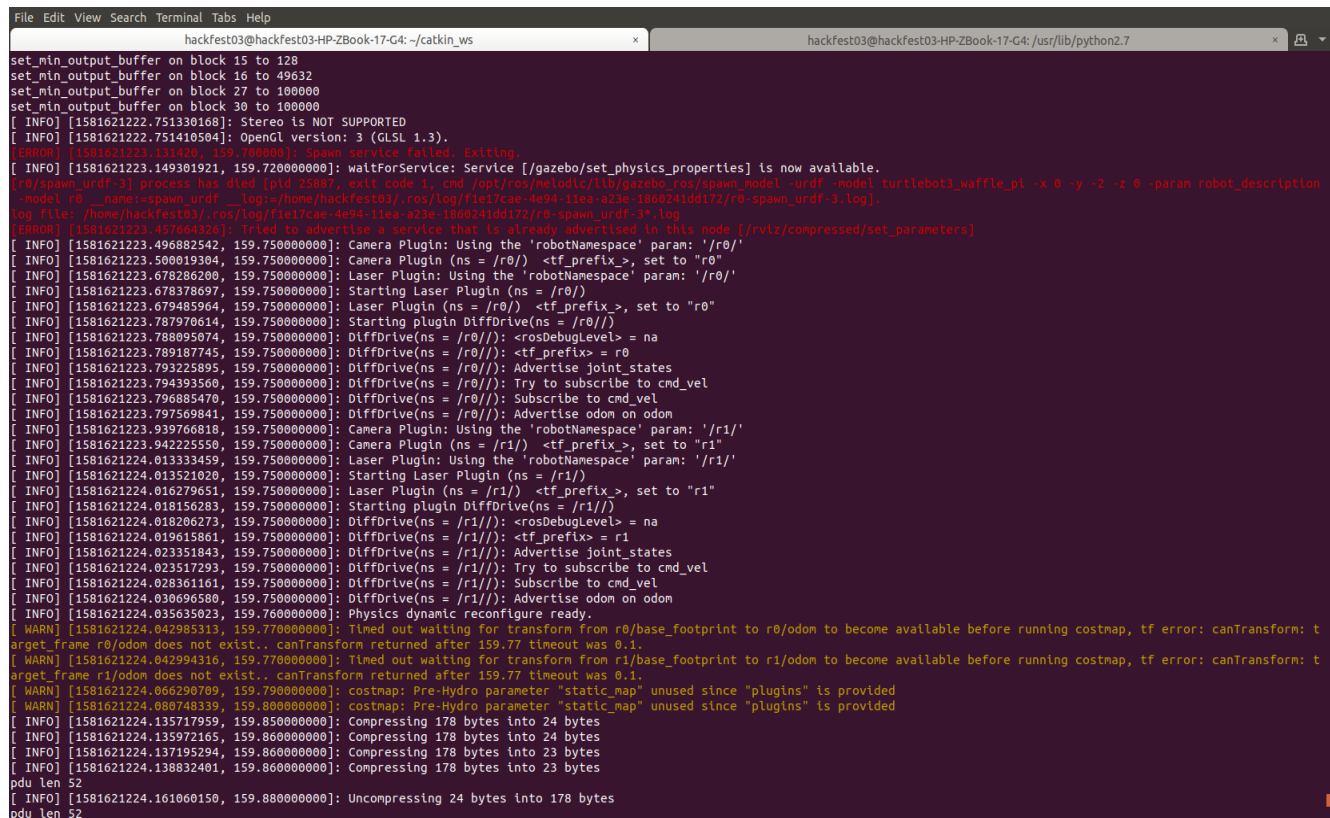**README.md - Grip**

Errors 02/14/2020

Problems

There seem to appear some errors on the terminal when you try to execute the following commands:

roslaunch era_gazebo era_melodic.launch

roslaunch era_gazebo era_playback_melodic.launch bag_name:=/home/hackfest03/catkin_ws/src/era_gazebo/bagfiles/cmd_vel_r0.bag

Example 1:

Example 2:

File Edit View Search Terminal Tabs Help

hackfest03@hackfest03-HP-ZBook-17-G4: ~/catkin_ws   hackfest03@hackfest03-HP-ZBook-17-G4: /usr/lib/python2.7

```
[ INFO] [1581620646.826166864]: waitForService: Service [/gazebo/set_physics_properties] has not been advertised, waiting...
[ INFO] [1581620646.873249625]: Stereo is NOT SUPPORTED
[ INFO] [1581620646.873330761]: OpenGl version: 3 (GLSL 1.3).
[ERROR] [1581620647.348400, 159.700000]: Spawn service failed. Exiting.
[ INFO] [1581620647.367522517, 159.720000000]: waitForService: Service [/gazebo/set_physics_properties] is now available.
[ INFO] [1581620647.385751308, 159.730000000]: Physics dynamic reconfigure ready.
[r0/spawn_urdf-4] process has died [pid 25155, exit code 1, cmd /opt/ros/melodic/lib/gazebo_ros/spawn_model -urdf -model turtlebot3_waffle_pi -x 0 -y -2 -z 0 -param robot_description
-model r0 __name:=spawn_urdf __log:=/home/hackfest03/.ros/log/9ac56f76-4e93-11ea-a23e-1860241dd172/r0-spawn-urdf-4.log].
log file: /home/hackfest03/.ros/log/9ac56f76-4e93-11ea-a23e-1860241dd172/r0-spawn-urdf-4*.log
[ERROR] [1581620647.562794179]: Tried to advertise a service that is already advertised in this node [/rviz/compressed/set_parameters]
[ INFO] [1581620647.809675987, 159.750000000]: Camera Plugin: Using the 'robotNamespace' param: '/r0/'
[ INFO] [1581620647.812895348, 159.750000000]: Camera Plugin (ns = /r0/)  <tf_prefix_>, set to "r0"
[ INFO] [1581620647.941536887, 159.750000000]: Laser Plugin: Using the 'robotNamespace' param: '/r0/'
[ INFO] [1581620647.941631197, 159.750000000]: Starting Laser Plugin (ns = /r0/)
[ INFO] [1581620647.943312766, 159.750000000]: Laser Plugin (ns = /r0/)  <tf_prefix_>, set to "r0"
[ INFO] [1581620648.048090554, 159.750000000]: Starting plugin DiffDrive(ns = /r0//)
[ INFO] [1581620648.048232278, 159.750000000]: DiffDrive(ns = /r0//): <rosDebugLevel> = na
[ INFO] [1581620648.049091635, 159.750000000]: DiffDrive(ns = /r0//): <tf_prefix> = r0
[ INFO] [1581620648.050137689, 159.750000000]: DiffDrive(ns = /r0//): Advertise joint_states
[ INFO] [1581620648.050948829, 159.750000000]: DiffDrive(ns = /r0//): Try to subscribe to cmd_vel
[ INFO] [1581620648.052638749, 159.750000000]: DiffDrive(ns = /r0//): Subscribe to cmd_vel
[ INFO] [1581620648.053280811, 159.750000000]: DiffDrive(ns = /r0//): Advertise odom on odom
[ WARN] [1581620648.077754367, 159.770000000]: Timed out waiting for transform from r0/base_footprint to r0/odom to become available before running costmap, tf error: canTransform: t
arget_frame r0/odom does not exist.. canTransform returned after 159.77 timeout was 0.1.
[ WARN] [1581620648.077851723, 159.770000000]: Timed out waiting for transform from r1/base_footprint to r1/odom to become available before running costmap, tf error: canTransform: t
arget_frame r1/odom does not exist.. canTransform returned after 159.77 timeout was 0.1.
[ INFO] [1581620648.167799346, 159.860000000]: Compressing 178 bytes into 24 bytes
[ INFO] [1581620648.168086053, 159.860000000]: Compressing 178 bytes into 24 bytes
[ INFO] [1581620648.168981856, 159.860000000]: Compressing 178 bytes into 23 bytes
[ INFO] [1581620648.169270368, 159.860000000]: Compressing 178 bytes into 23 bytes
pdu len 52
[ INFO] [1581620648.192429544, 159.880000000]: Uncompressing 24 bytes into 178 bytes
[ERROR] [1581620648.192697205, 159.880000000]: r1
pdu len 52
[ INFO] [1581620648.201612169, 159.890000000]: Uncompressing 24 bytes into 178 bytes
[ERROR] [1581620648.201836954, 159.890000000]: r0
pdu len 51
[ INFO] [1581620648.252938985, 159.940000000]: Uncompressing 23 bytes into 178 bytes
[ INFO] [1581620648.268279423, 159.960000000]: Compressing 178 bytes into 24 bytes
[ INFO] [1581620648.268627290, 159.960000000]: Compressing 178 bytes into 24 bytes
[ WARN] [1581620648.271086713, 159.960000000]: costmap: Pre-Hydro parameter "static_map" unused since "plugins" is provided
pdu len 52
[ INFO] [1581620648.299965901, 159.960000000]: Uncompressing 24 bytes into 178 bytes
pdu len 52
[ INFO] [1581620648.302874942, 159.960000000]: Uncompressing 24 bytes into 178 bytes
[ INFO] [1581620648.422230250, 159.960000000]: Camera Plugin: Using the 'robotNamespace' param: '/r1/'
[ INFO] [1581620648.424760500, 159.960000000]: Camera Plugin (ns = /r1/)  <tf_prefix_>, set to "r1"
[ INFO] [1581620648.565270419, 159.960000000]: Laser Plugin: Using the 'robotNamespace' param: '/r1/'
[ INFO] [1581620648.565337352, 159.960000000]: Starting Laser Plugin (ns = /r1/)
[ INFO] [1581620648.566454717, 159.960000000]: Laser Plugin (ns = /r1/)  <tf_prefix_>, set to "r1"
```

Example 3:

File Edit View Search Terminal Tabs Help

hackfest03@hackfest03-HP-ZBook-17-G4: ~/catkin_ws   hackfest03@hackfest03-HP-ZBook-17-G4: /usr/lib/python2.7

```
[ WARN] [1581620648.271086713, 159.960000000]: costmap: Pre-Hydro parameter "static_map" unused since "plugins" is provided
pdu len 52
[ INFO] [1581620648.299965901, 159.960000000]: Uncompressing 24 bytes into 178 bytes
pdu len 52
[ INFO] [1581620648.302874942, 159.960000000]: Uncompressing 24 bytes into 178 bytes
[ INFO] [1581620648.422230250, 159.960000000]: Camera Plugin: Using the 'robotNamespace' param: '/r1/'
[ INFO] [1581620648.424760500, 159.960000000]: Camera Plugin (ns = /r1/)  <tf_prefix_>, set to "r1"
[ INFO] [1581620648.565270419, 159.960000000]: Laser Plugin: Using the 'robotNamespace' param: '/r1/'
[ INFO] [1581620648.565337352, 159.960000000]: Starting Laser Plugin (ns = /r1/)
[ INFO] [1581620648.566454717, 159.960000000]: Laser Plugin (ns = /r1/)  <tf_prefix_>, set to "r1"
[ERROR] [1581620648.567922009, 159.960000000]: SpawnModel: Failure - model name r1 already exist.
[ INFO] [1581620648.568040134, 159.960000000]: Starting plugin DiffDrive(ns = /r1//)
[ INFO] [1581620648.568077335, 159.960000000]: DiffDrive(ns = /r1//): <rosDebugLevel> = na
[ERROR] [1581620648.568141891, 159.960000000]: SpawnModel: Failure - model name r0 already exist.
[ERROR] [1581620648.568209391, 159.960000000]: r1
[ERROR] [1581620648.568405409, 159.960000000]: r0
[ INFO] [1581620648.571175537, 159.960000000]: DiffDrive(ns = /r1//): <tf_prefix> = r1
[ERROR] [1581620648.571434678, 159.960000000]: SpawnModel: Failure - model name r0 already exist.
[ERROR] [1581620648.571608940, 159.960000000]: r0
[ERROR] [1581620648.571729191, 159.960000000]: SpawnModel: Failure - model name r1 already exist.
[ INFO] [1581620648.574417954, 159.960000000]: DiffDrive(ns = /r1//): Advertise joint_states
[ INFO] [1581620648.574921354, 159.960000000]: DiffDrive(ns = /r1//): Try to subscribe to cmd_vel
[ERROR] [1581620648.576896422, 159.960000000]: SpawnModel: Failure - model name r0 already exist.
[ INFO] [1581620648.583682847, 159.960000000]: DiffDrive(ns = /r1//): Subscribe to cmd_vel
[ INFO] [1581620648.584342220, 159.960000000]: DiffDrive(ns = /r1//): Advertise odom on odom
[ WARN] [1581620648.630197181, 160.010000000]: costmap: Pre-Hydro parameter "static_map" unused since "plugins" is provided
[ INFO] [1581620648.678396732, 160.060000000]: Compressing 178 bytes into 24 bytes
[ INFO] [1581620648.678964299, 160.060000000]: Compressing 10192 bytes into 187 bytes
pdu len 52
[ INFO] [1581620648.714327096, 160.090000000]: Uncompressing 24 bytes into 178 bytes
pdu len 215
[ INFO] [1581620648.722288585, 160.100000000]: Uncompressing 187 bytes into 10192 bytes
[ INFO] [1581620648.778118169, 160.160000000]: Compressing 10192 bytes into 187 bytes
[ INFO] [1581620648.779601486, 160.160000000]: Compressing 178 bytes into 24 bytes
pdu len 52
[ INFO] [1581620648.812156412, 160.180000000]: Uncompressing 24 bytes into 178 bytes
[r1/spawn_urdf-14] process has finished cleanly
log file: /home/hackfest03/.ros/log/9ac56f76-4e93-11ea-a23e-1860241dd172/r1-spawn_urdf-14*.log
pdu len 215
[ INFO] [1581620648.820424765, 160.190000000]: Uncompressing 187 bytes into 10192 bytes
[ INFO] [1581620648.883534014, 160.260000000]: Compressing 178 bytes into 24 bytes
[ INFO] [1581620648.883796174, 160.260000000]: Compressing 10192 bytes into 187 bytes
pdu len 52
[ INFO] [1581620648.916316641, 160.290000000]: Uncompressing 24 bytes into 178 bytes
pdu len 215
[ INFO] [1581620648.927285570, 160.300000000]: Uncompressing 187 bytes into 10192 bytes
[ INFO] [1581620648.984754170, 160.360000000]: Compressing 10192 bytes into 255 bytes
[ INFO] [1581620648.985579455, 160.360000000]: Compressing 10192 bytes into 187 bytes
pdu len 283
[ INFO] [1581620649.028670118, 160.400000000]: Uncompressing 255 bytes into 10192 bytes
```

Files needed

- On the Mini-ERA (Standalone version), when you try to download the video file sample, an IBM user restrictrion appears:

- On the Mini-ERA (ROS version), when you try to download the bag file to reproduce the environment, you find the same IBM user restriction: