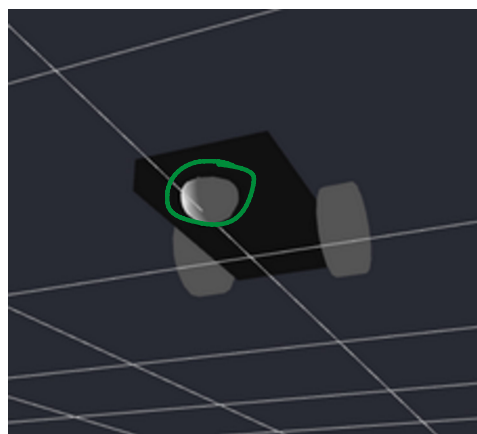
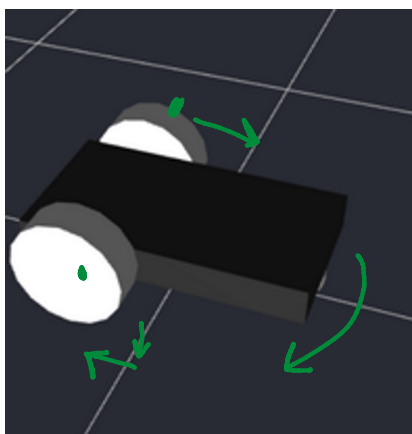


# S#3 :: Dolly Package

Monday, July 5, 2021 3:37 PM

A differential Type Robot

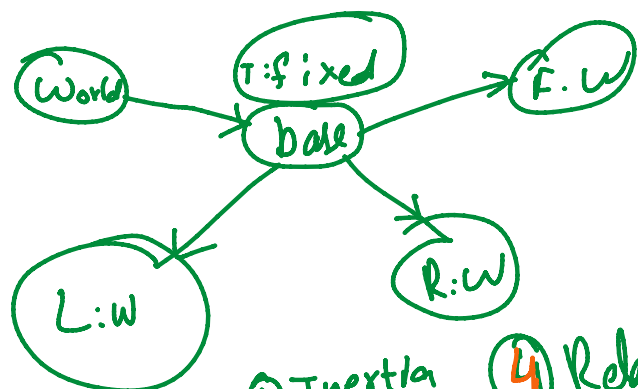


URDF

xml.

```
<?xml version="1.0" ?>
<robot name="rehri">
  <link name="base footprint"/>
  <link name="base">
    <visual>
      <geometry>
        <box size="0.75 0.4 0.1"/>
      </geometry>
      <material name="gray">
        <color rgba="0.2 0.2 0.2 1" />
      </material>
    </visual>
    <inertial>
      <mass value="1" />
      <inertia ixx="0.01" ixy="0.0" ixz="0"
        iyy="0.01" iyz="0" izz="0.01" />
    </inertial>
  </link>

```



physical → ① Inertia  
② looks ← ④ Relations.  
③ Color.

```
</visual>
<inertial>
  <mass value="1" />
  <inertia ixx="0.01" ixy="0.0" ixz="0"
    iyy="0.01" iyz="0" izz="0.01" />
</inertial>
<collision>
  <geometry>
    <box size="0.75 0.4 0.1"/>
  </geometry>
</collision>
</link>
<joint name="base joint" type="fixed">
```

