How to download Gazebo-9’s model set.

If, within Gazebo simulation, you click “insert” and do not see an extensive list of models for you to insert into your world, here's a step-by-step guide with terminal commands to clone the provided GitHub repository and ensure the models are direct children of the /usr/share/gazebo-9/models folder:

### **1. Open the Terminal:**

Press Ctrl + Alt + T on your keyboard to open the terminal.

### **2. Install Git (if not already installed):**

Bash

sudo apt update

sudo apt install git

### **3. Navigate to the Desired Directory:**

Bash

cd /usr/share/gazebo-9

### **4. Clone the GitHub Repository:**

Bash

sudo git clone https://github.com/osrf/gazebo\_models.git

### **5. Move the Models to the Correct Location:**

The gazebo\_models repository contains a folder named models which has all the individual model folders. We want these individual model folders to be direct children of /usr/share/gazebo-9/models. Here's how you can achieve that:

Bash

# In the same directory that you cloned the GitHub models to, now move all the models from the cloned repository to the desired location

sudo mv gazebo\_models/models/\* /usr/share/gazebo-9/models/

# Remove the cloned repository as it's no longer needed

sudo rm -r gazebo\_models

### **6. Set Proper Permissions (Optional):**

Bash

sudo chown -R $USER:$USER /usr/share/gazebo-9/models

### **7. Verify the Models:**

To ensure that the models have been moved successfully:

Bash

cd /usr/share/gazebo-9/models

ls

You should see a list of all the individual model folders, which are now direct children of the /usr/share/gazebo-9/models directory.