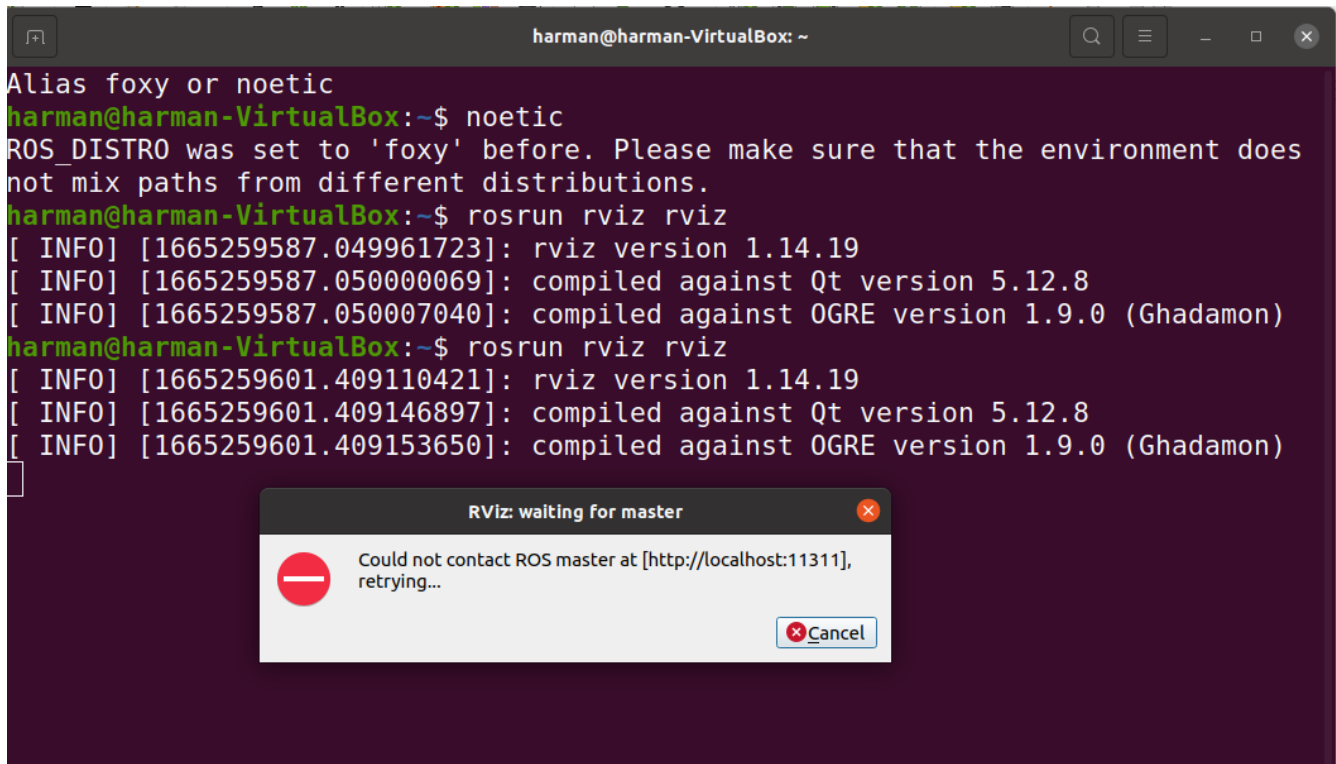


RunningRVIZ\_ROS1\_RVIZ2\_ROS2

**No roscore!**



```
harman@harman-VirtualBox: ~
Alias foxy or noetic
harman@harman-VirtualBox:~$ noetic
ROS_DISTRO was set to 'foxy' before. Please make sure that the environment does
not mix paths from different distributions.
harman@harman-VirtualBox:~$ rosrun rviz rviz
[ INFO] [1665259587.049961723]: rviz version 1.14.19
[ INFO] [1665259587.050000069]: compiled against Qt version 5.12.8
[ INFO] [1665259587.050007040]: compiled against OGRE version 1.9.0 (Ghadamon)
harman@harman-VirtualBox:~$ rosrun rviz rviz
[ INFO] [1665259601.409110421]: rviz version 1.14.19
[ INFO] [1665259601.409146897]: compiled against Qt version 5.12.8
[ INFO] [1665259601.409153650]: compiled against OGRE version 1.9.0 (Ghadamon)
```

RViz: waiting for master

Could not contact ROS master at [http://localhost:11311],  
retrying...

Cancel

Better Try

Alias foxy or noetic

```
harman@harman-VirtualBox:~$ noetic
```

```
ROS_DISTRO was set to 'foxy' before. Please make sure that the environment does not mix
paths from different distributions.
```

```
harman@harman-VirtualBox:~$ roscore
```

```
* /rostdistro: noetic
```

**NEW TERMINAL**

Alias foxy or noetic

```
harman@harman-VirtualBox:~$ noetic
```

```
ROS_DISTRO was set to 'foxy' before. Please make sure that the environment does not mix paths from
different distributions.
```

```
harman@harman-VirtualBox:~$ rosrun rviz rviz
```

```
[ INFO] [1665259743.423426356]: rviz version 1.14.19
```

```
[ INFO] [1665259743.423460455]: compiled against Qt version 5.12.8
```

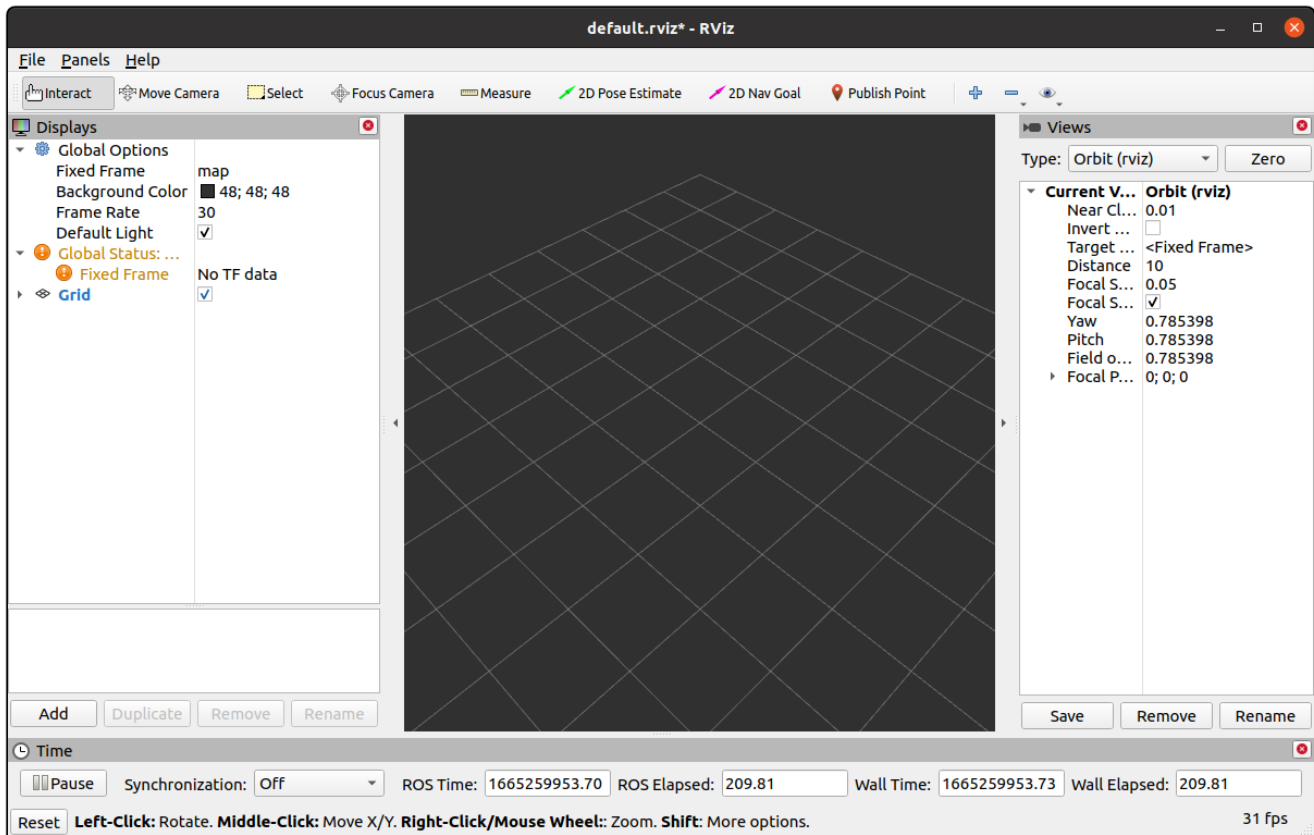
```
[ INFO] [1665259743.423467206]: compiled against OGRE version 1.9.0 (Ghadamon)
```

```
[ INFO] [1665259743.429962270]: Forcing OpenGL version 0.
```

```
[ INFO] [1665259743.593607685]: Stereo is NOT SUPPORTED
```

```
[ INFO] [1665259743.593688768]: OpenGL device: llvmpipe (LLVM 12.0.0, 256 bits)
```

```
[ INFO] [1665259743.593719010]: OpenGL version: 3.1 (GLSL 1.4).
```



RVIZ 1

## RVIZ2

Alias foxy or noetic

```
harman@harman-VirtualBox:~$ foxy
```

```
harman@harman-VirtualBox:~$ ros2 run rviz rviz
```

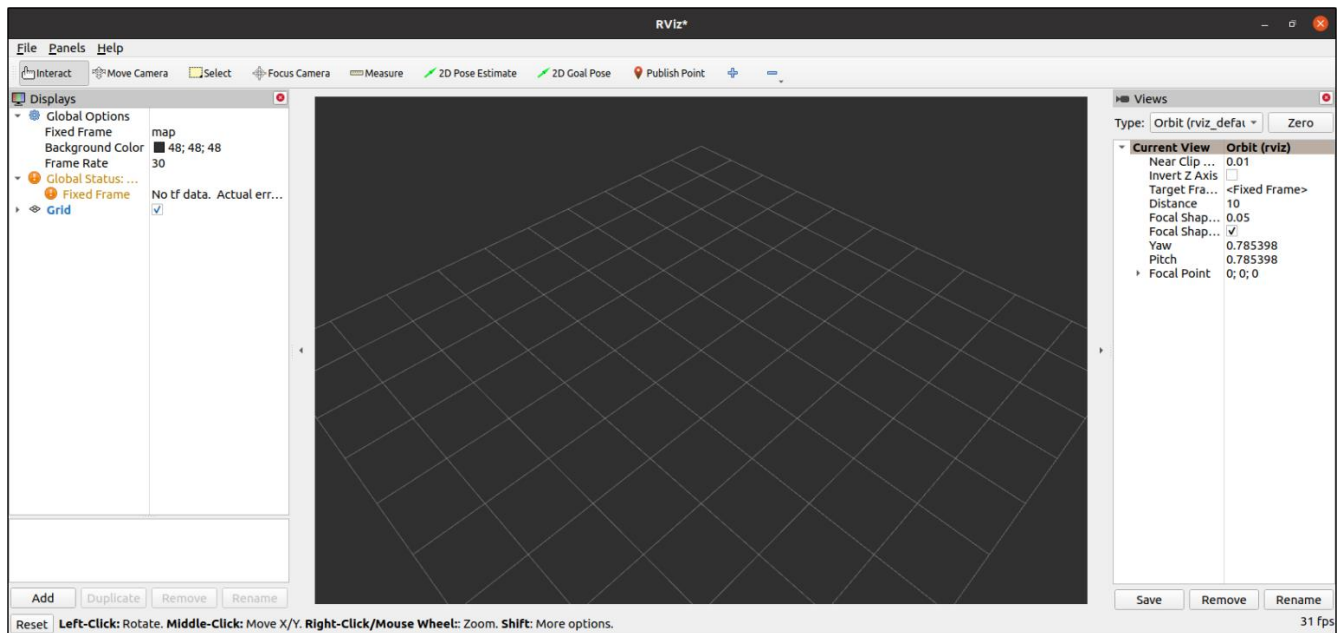
**Package 'rviz' not found**

```
harman@harman-VirtualBox:~$ ros2 pkg list | grep rviz
```

```
nav2_rviz_plugins
rviz2
rviz_assimp_vendor
rviz_common
rviz_default_plugins
rviz_ogre_vendor
rviz_rendering
```

```
harman@harman-VirtualBox:~$ ros2 run rviz2 rviz2
```

```
[INFO] [1665259284.306074601] [rviz2]: Stereo is NOT SUPPORTED
[INFO] [1665259284.306159948] [rviz2]: OpenGL version: 3.1 (GLSL 1.4)
[INFO] [1665259284.380477455] [rviz2]: Stereo is NOT SUPPORTED
```



## RVIZ 2

For ROS2 Galactic from Clearpath - In the future- I hope  
<https://turtlebot.github.io/turtlebot4-user-manual/software/rviz.html>

Rviz2 is a port of Rviz to ROS2. It provides a graphical interface for users to view their robot, sensor data, maps, and more. It is installed by default with ROS2 and requires a desktop version of Ubuntu to use.