

# UR offline simulator in WSL2 (Ubuntu22.4 Yabby) and Docker

## Install WSL 2 and Ubuntu 22.04

1. **Enable WSL 2:** Follow [Microsoft's official documentation](#) to install and set up **WSL2**.
2. **Install Ubuntu 22.04:** Once WSL 2 is installed and enabled, install Ubuntu 22.04 from the Microsoft Store.

## Install Docker Desktop

1. Open a Ubuntu 22.04.2 LTS terminal via Windows Terminal
2. Install Docker according to [these instructions](#)
3. Pull the newest URSim docker image - [instructions here](#).

## Run UR Sim in Docker

1.

```
sudo docker run --rm -it universalrobots/ursim_e-series
```

2. Access the ursim-interface **through the URL in the output**

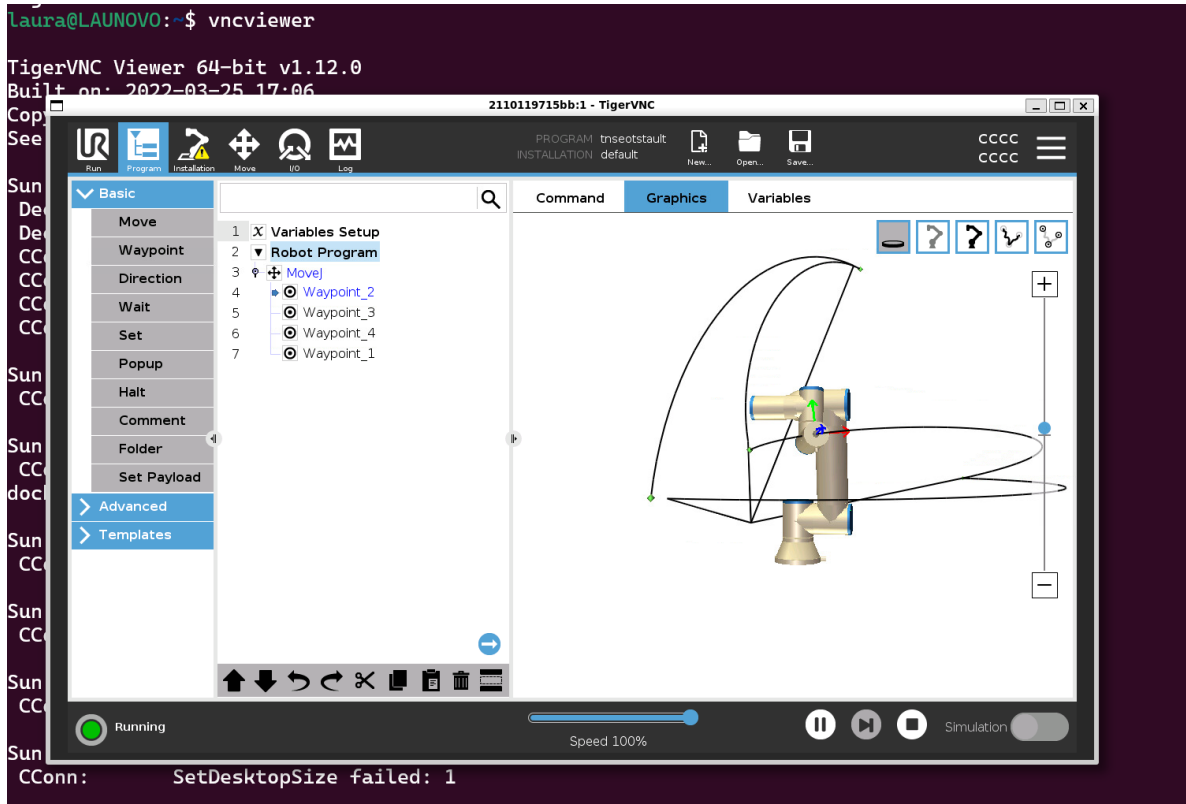
### optional: install tiger vnc

```
sudo apt install tigervnc-viewer
```

starting vnc viewer:

vncviewer

Best is to open the chromium-browser also in WSL2 and copy the ip or using a vnc client like TigerVNC



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