1. **Install NVIDIA container-toolkit**

I removed my docker, then followed this user guide for installing NVIDIA container-toolkit, finally it works as expected.

<https://docs.nvidia.com/datacenter/cloud-native/container-toolkit/install-guide.html>

If the installation is successful, you should see the output as below when issuing the command:   
$ sudo docker run --rm --gpus all nvidia/cuda:11.6.2-base-ubuntu20.04 nvidia-smi 

Text

Description automatically generated

1. **Download the artifact from the link below:**

https://github.com/meta-flutter/meta-flutter/suites/10539746717/artifacts/524169324

Graphical user interface, text, application

Description automatically generated

Unzip [containerx86-64-app-container-image-flutter-auto](https://github.com/meta-flutter/meta-flutter/suites/10539746717/artifacts/524169324)

**3. import the docker container:**

$ sudo docker import app-container-image-flutter-auto-containerx86-64.tar.bz2 app-container:test



1. **Run the docker container:**

$ sudo docker run -it -v /run/user/$UID:/run/user/$UID --user 5000:5000 --gpus all -e XDG\_RUNTIME\_DIR=$XDG\_RUNTIME\_DIR -e WAYLAND\_DISPLAY=$WAYLAND\_DISPLAY 5e1fcf6ffb4c /bin/sh

1. **Run the command below from docker to bring up Weston compositor**

$ weston -B wayland-backend.so

A Weston Compositor should be brought up. Otherwise, check if are you running *Ubuntu on Wayland*. If you can’t see this option, below are the steps to enable “Ubuntu on Wayland” option:

$ sudoedit /etc/gdm3/custom.conf

comment out WaylandEnable=false   
# WaylandEnable=false   
save the file and restart GDM3

$ sudo systemctl restart gdm3