AUTOMATION AND TECHNOLOGY

CiRA CORE AutoRun

FOR UBUNTU 16.04 (LTS) / 18.04 (LTS) / JETSON

Document Number : DS-64-008

Version : 001 Language : English

Release Date : 08.25.2021

CiRA Automation and Technology
68 Ratchaphruek 18 Road,
Bang ramad, Taling Chan,
Bangkok 10170, Thailand

Version Ubuntu : 16.04 and 18.04
Version ROS : ROS 16.04 (Kinetic) and ROS 18.04 (Melodic)
Version CiRA CORE : Ubuntu 16.04 LTS and 18.04 LTS
Version Jetson : Jetpack 4.4

CiRA CORE AutoRun on Ubuntu 16.04 (Kinetics) and Ubuntu 18.04 (Melodic)

1. Download file “CiRACORE_AutoRun.zip”

> https://tinyurl.com/ciracore-autorun

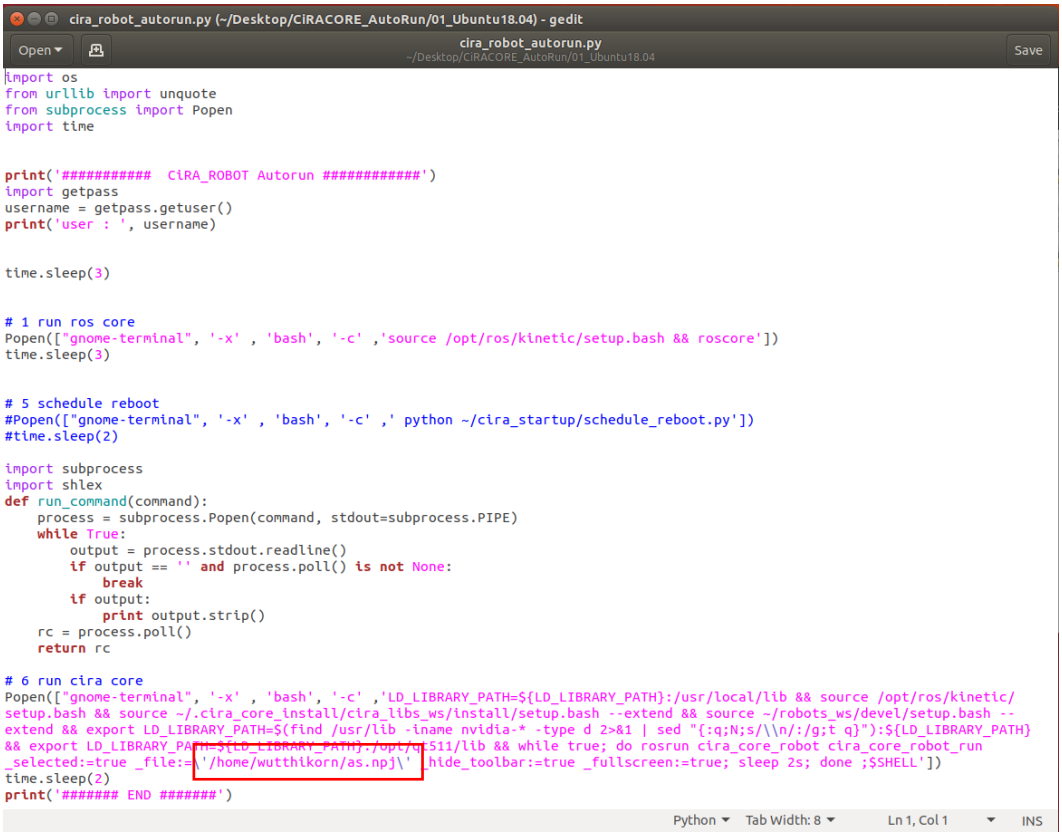
2. Extract file “CiRACORE_AutoRun.zip” to home or desktop

In this zip file have 3 folders. Select your OS that you want to do AutoRun.

3. After selecting correct OS folder, It has 3 files.

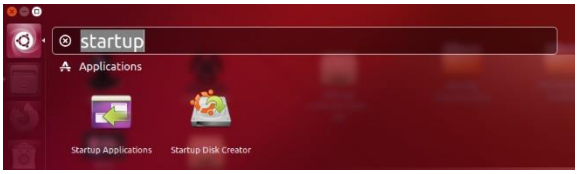
- cira_robot_autorun.py
- schedule_reboot.py
- Readme.rd

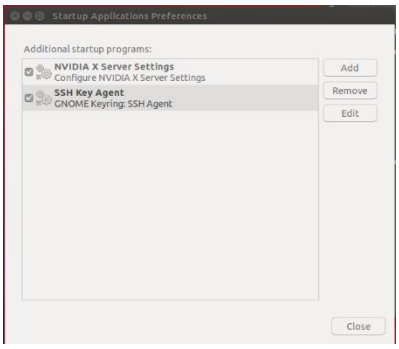
Setting in Files “cira_robot_autorun.py”



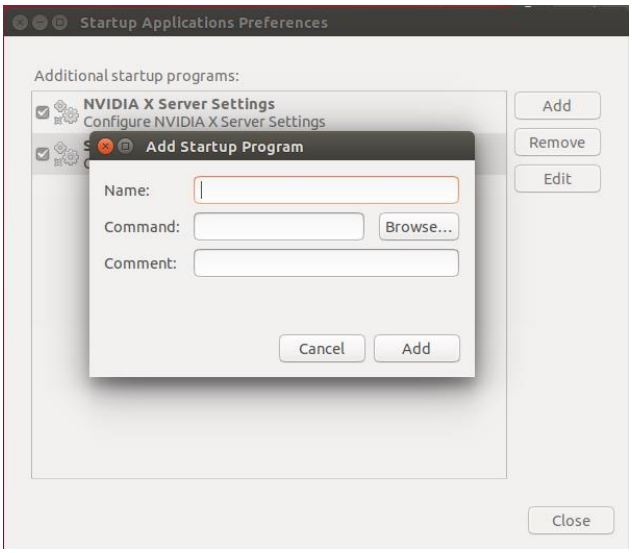
*Change directory to your .npj Files

4. Go to Search for files or Ctrl+F >> Startup Applications





5. Select "Add"



- Name : create a startup name

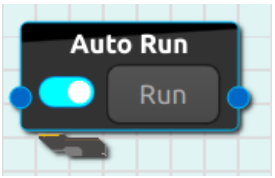
- Command : path to run cira_robot_autorun.py

- Comment : description of name

```
gnome-terminal -e 'python '/home/.../cira_autorun.py''
```

* Copy text in the box and paste to command and Change to your directory of cira_robot_autorun.py file

6. In CiRA CORE use Auto Run Button to Auto Run



7. Restart PC/Laptop

CiRA CORE AutoRun on Jetson (Jetpack 4.4)

1. Download file “CiRACORE_AutoRun.zip”

> https://tinyurl.com/ciracore-autorun

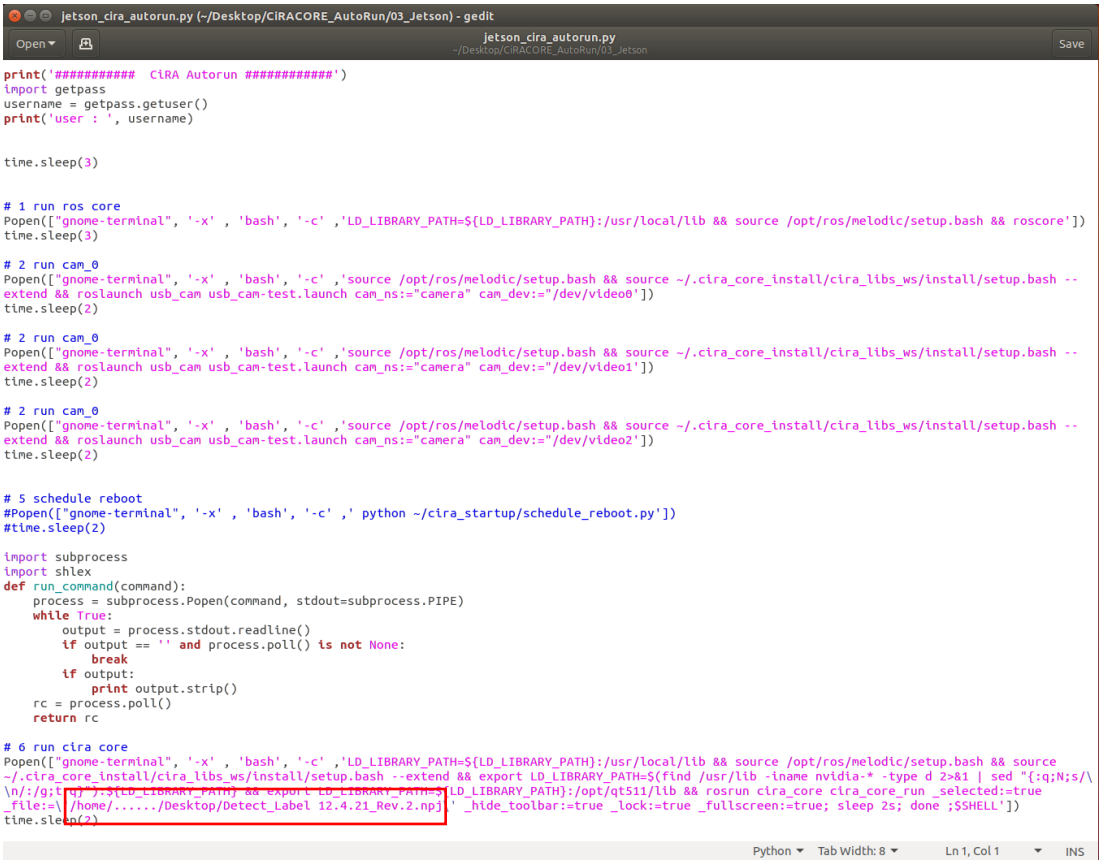
2. Extract file “CiRACORE_AutoRun.zip” to home or desktop

In this zip file have 3 folders. Select your OS that you want to do AutoRun.

3. After select correct OS folder it have 3 files.

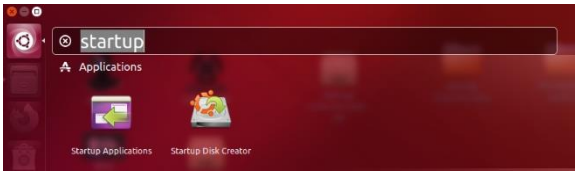
- jetson_cira_autorun.py
- schedule_reboot.py
- Readme.rd

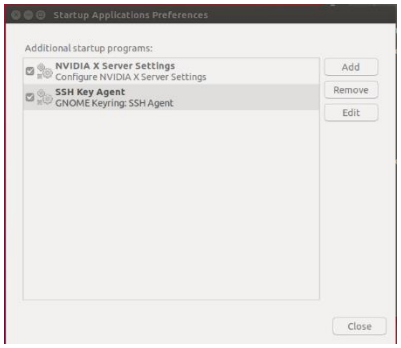
Setting in Files jetson_cira_autorun.py



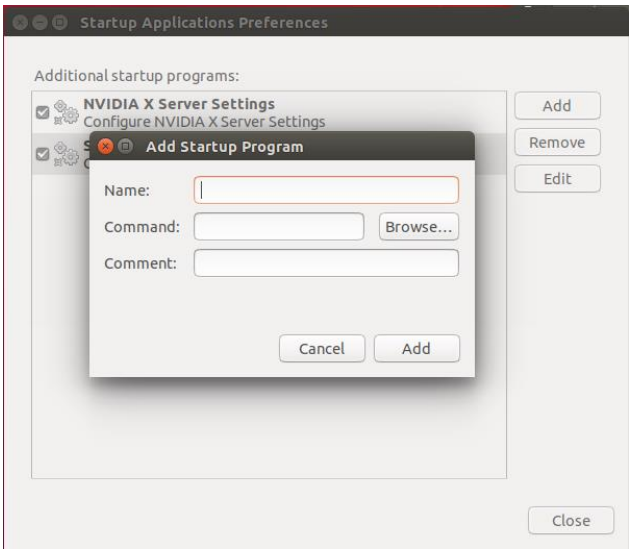
*Change directory to your .npj Files

4. Go to Search for files or Ctrl+F >> Startup Applications





5. Select "Add"



- Name : create a startup name

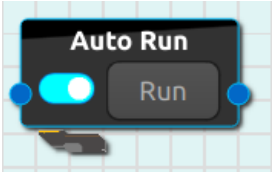
- Command : path to run jetson_cira_autorun.py

- Comment : description of name

```
gnome-terminal -e "python /home/.../Desktop/jetson_cira_autorun.py"
```

* Copy text in the box and paste to command and Change to your directory of jetson_cira_autorun.py file

6. In CiRA CORE use Auto Run Button to Auto Run

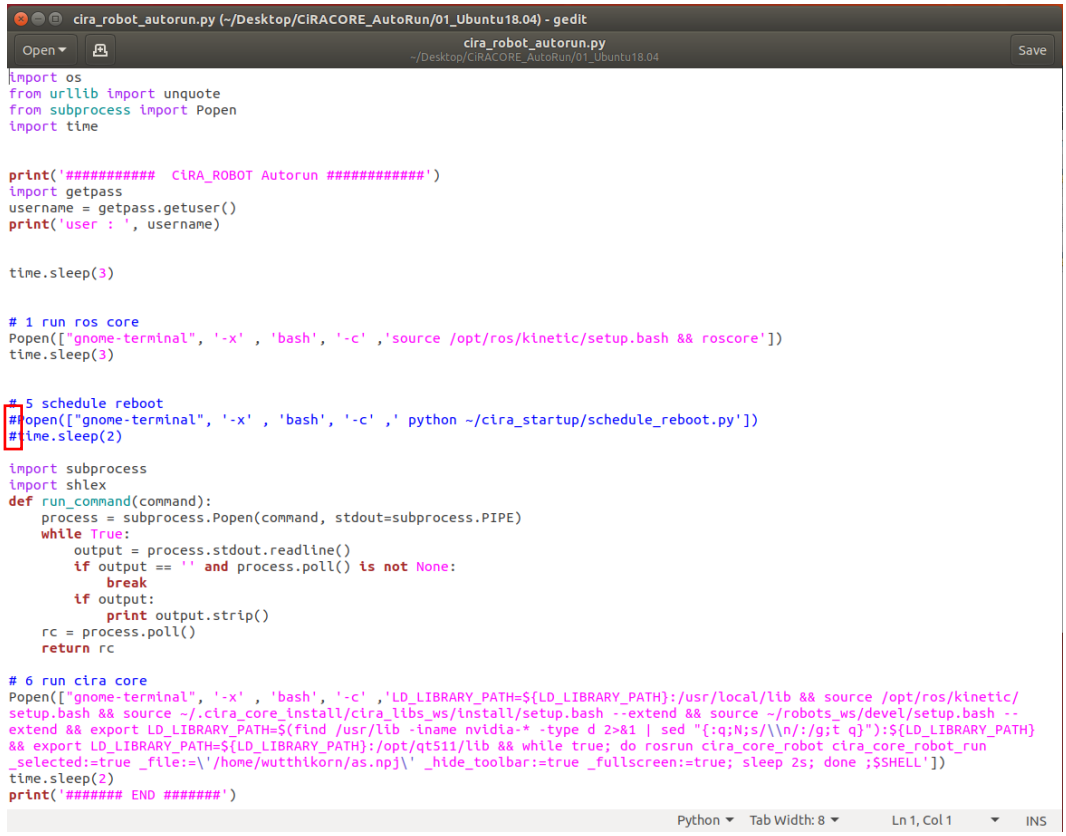


7. Restart Jetson

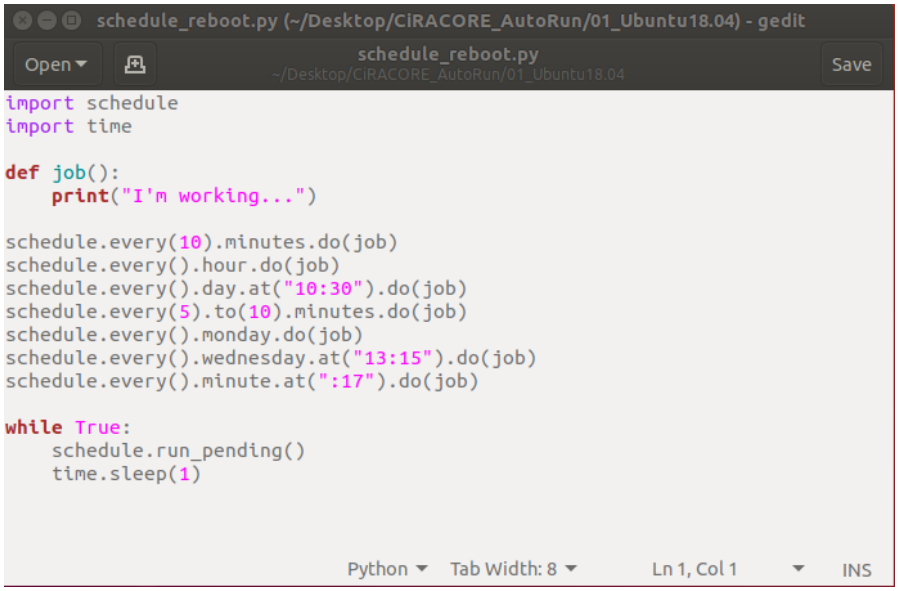
Use Schedule Reboot

If you want to use schedule_reboot for setting time to reboot CiRA CORE on Ubuntu or Jetson

1.Uncomment (delete #) below line # 5 schedule reboot.



2. Setting time that you want to make schedule reboot.



3. Restart PC/Laptop or Jetson

CiRA TECH Customer Support

www.ciratech.ai

Facebook.com/ciratechnology