

ChatGPT

Excellent. Now you're talking like a professional developer — **separate scripts for Windows and Linux is the most reliable solution.**



PART 1 — Linux version (`run_all_linux.py`)

```
python
```

```
import subprocess
import threading
import time
import os

# Full path to conda env python binary (adjust as needed)
python_executable = "/home/yourusername/anaconda3/envs/myenv/bin/python"

# Full path to your project directory
project_dir = "/home/icdtool/ICD_8_Apr_Final"

# Function to run Django server
def run_django():
    os.chdir(project_dir)
    subprocess.call([python_executable, 'manage.py', 'runserver'])

# Function to run GUI
def run_gui():
    os.chdir(project_dir)
    subprocess.call([python_executable, 'icd_tool.py'])

if __name__ == '__main__':
    django_thread = threading.Thread(target=run_django)
    django_thread.start()

    time.sleep(5) # optional delay

    run_gui()
```



PART 2 — Windows version (`run_all_windows.py`)

```
python
```

```
import subprocess
import threading
import time
import os

# Full path to conda env python executable (adjust as needed)
python_executable = r"C:\Users\yourusername\anaconda3\envs\myenv\python.exe"

# Full path to your project directory
project_dir = r"C:\path\to\ICD_8_Apr_Final"

# Function to run Django server
def run_django():
    os.chdir(project_dir)
    subprocess.call([python_executable, 'manage.py', 'runserver'])

# Function to run GUI
def run_gui():
    os.chdir(project_dir)
    subprocess.call([python_executable, 'icd_tool.py'])

if __name__ == '__main__':
    django_thread = threading.Thread(target=run_django)
    django_thread.start()

    time.sleep(5) # optional delay

    run_gui()
```



PART 3 — Packaging

After you test both scripts:

1 Activate conda env:

```
bash
```

```
conda activate myenv
```

2 Install pyinstaller:

```
bash
```

```
pip install pyinstaller
```

3 Package the app:

For Linux:

```
bash
```

```
pyinstaller --onefile run_all_linux.py
```

For Windows (inside Windows cmd):

```
cmd
```

```
pyinstaller --onefile run_all_windows.py
```




Summary Table:

Platform	File	Conda Python Path
Linux	<code>run_all_linux.py</code>	<code>/home/yourusername/anaconda3/envs/myenv/bin/python</code>
Windows	<code>run_all_windows.py</code>	<code>C:\Users\yourusername\anaconda3\envs\myenv\python.exe</code>

👉 If you give me your exact folder paths for both Windows & Linux, I can write you fully ready-to-go files.

Shall I prepare them for you?

 Create Word Docs  Create PDF Docs

 Export to Google Doc  Copy with formatting  Select for Multi-select

Export to Google Doc Copy with formatting Select for Multi-select