

ncca RenderFarm Tool

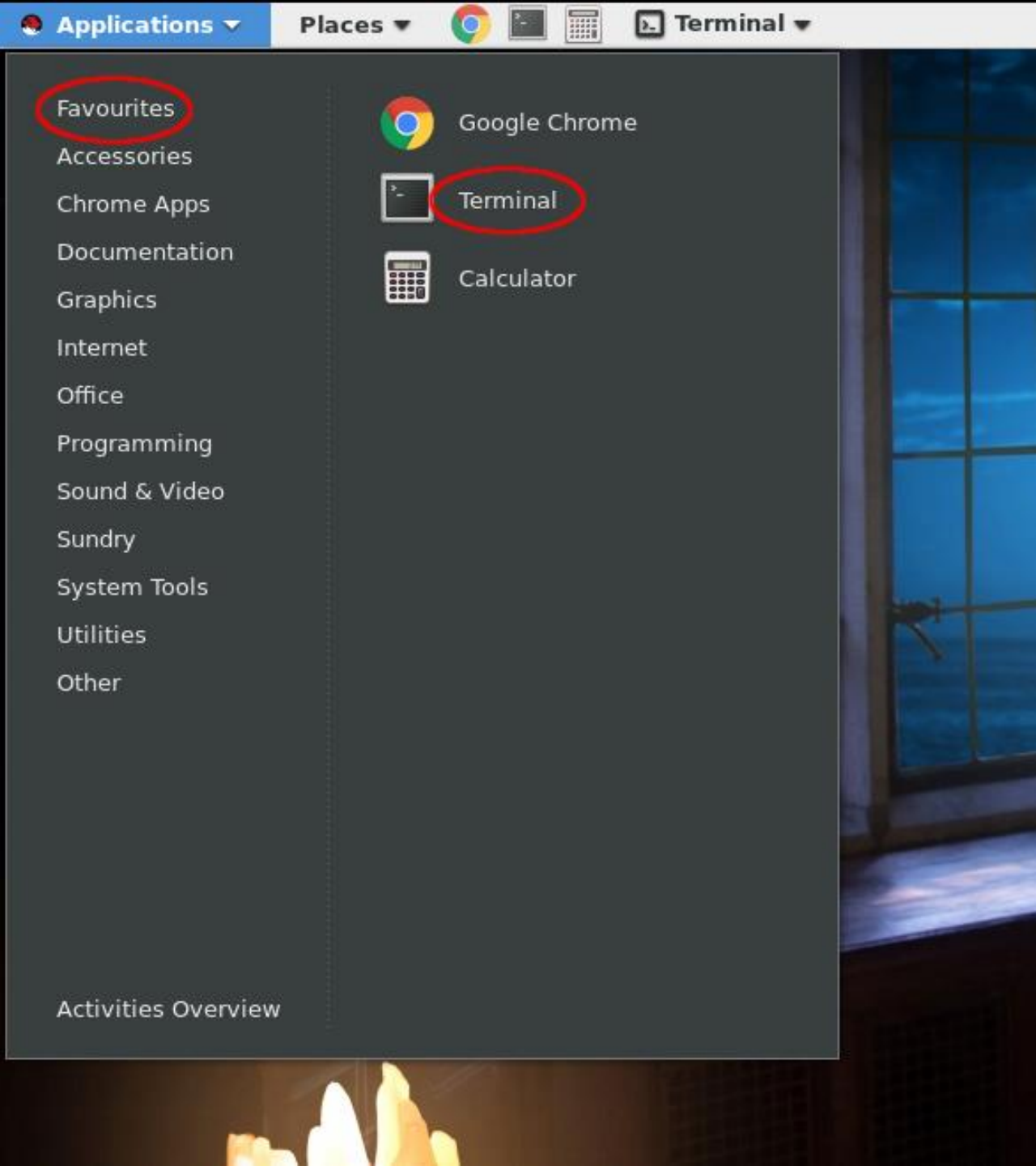
Install – Update - Uninstall

Constantinos Glynos

Michail Agoulas

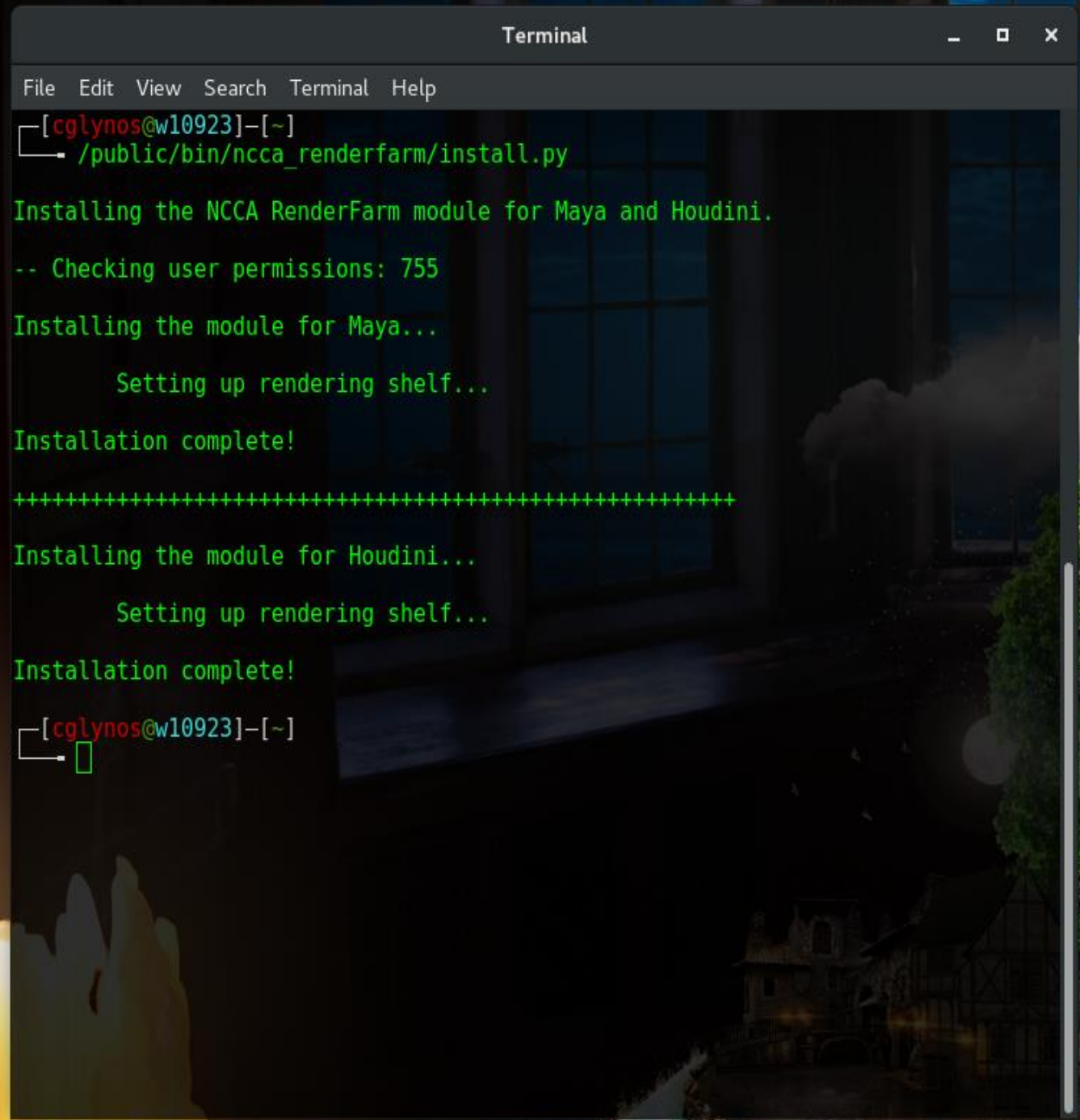


Opening a new terminal



Install

- Close Maya and Houdini if opened.
- Open a new terminal.
- Run the command:
`/public/bin/ncca_renderfarm/install.py`
- Done!

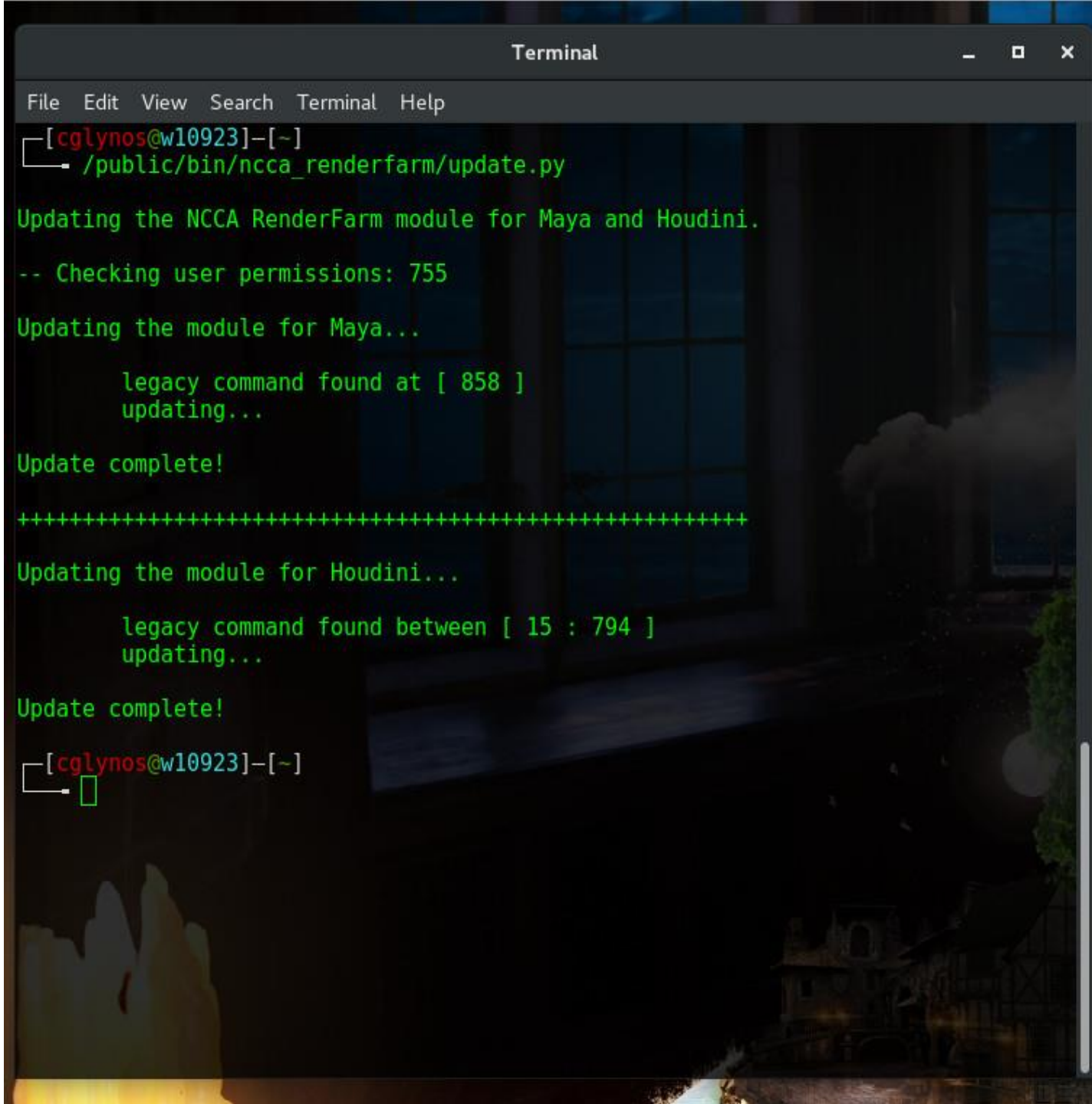
A screenshot of a terminal window titled "Terminal" with a dark theme. The window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal shows the execution of the command `/public/bin/ncca_renderfarm/install.py`. The output indicates the installation of the NCCA RenderFarm module for Maya and Houdini, including checking user permissions (755) and setting up rendering shelves. The installation is complete for both applications. The terminal prompt is `[cglynos@w10923]~`.

```
File Edit View Search Terminal Help
[cglynos@w10923]~
└─ /public/bin/ncca_renderfarm/install.py

Installing the NCCA RenderFarm module for Maya and Houdini.
-- Checking user permissions: 755
Installing the module for Maya...
    Setting up rendering shelf...
Installation complete!
+++++
Installing the module for Houdini...
    Setting up rendering shelf...
Installation complete!
[cglynos@w10923]~
└─
```

Update

- The tool will prompt for an update.
- Close Maya and Houdini if opened.
- Open a new terminal.
- Run the command:
`/public/bin/ncca_renderfarm/update.py`
- Done!

A terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Help) and a dark background with a faint image of a building at night. The terminal shows the execution of the script `/public/bin/ncca_renderfarm/update.py`. It first updates the NCCA RenderFarm module for Maya and Houdini, checking user permissions (755). It then updates the module for Maya, finding a legacy command at line 858 and completing the update. After a separator line of plus signs, it updates the module for Houdini, finding a legacy command between lines 15 and 794, and completing that update as well. The prompt returns to `[cglynos@w10923]~`.

```
Terminal
File Edit View Search Terminal Help
[cglynos@w10923]~
└─ /public/bin/ncca_renderfarm/update.py

Updating the NCCA RenderFarm module for Maya and Houdini.
-- Checking user permissions: 755

Updating the module for Maya...

    legacy command found at [ 858 ]
    updating...

Update complete!

+++++

Updating the module for Houdini...

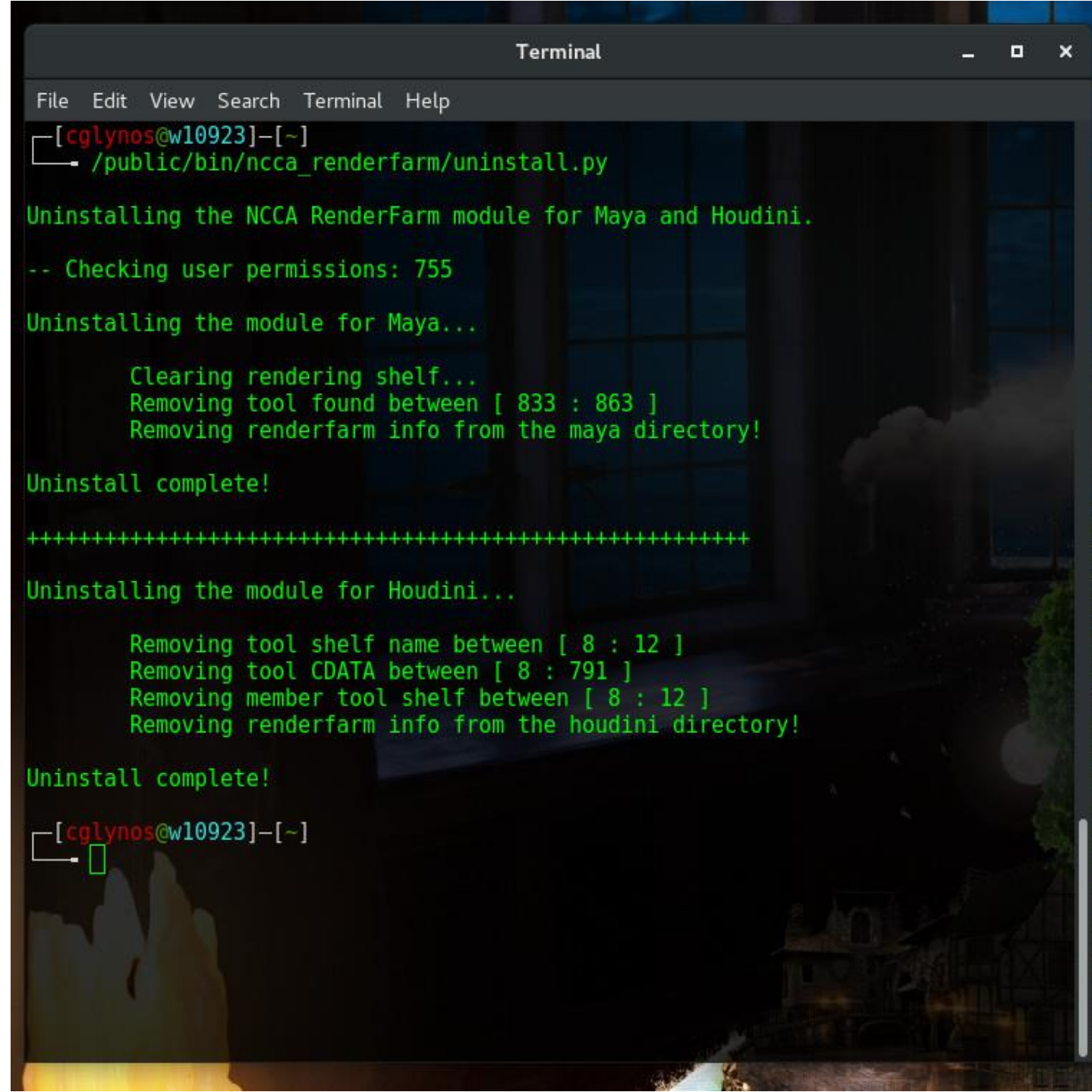
    legacy command found between [ 15 : 794 ]
    updating...

Update complete!

[cglynos@w10923]~
└─
```


Uninstall

- Close Maya and Houdini if opened.
- Open a new terminal.
- Run the command:
`/public/bin/ncca_renderfarm/uninstall.py`
- Done!

A screenshot of a terminal window titled "Terminal" with a dark background and a faint, stylized image of a building at night. The terminal shows the execution of the command `/public/bin/ncca_renderfarm/uninstall.py`. The output indicates the uninstallation of the NCCA RenderFarm module for Maya and Houdini. It checks user permissions (755), clears the rendering shelf for Maya, and removes tool shelf names, CDATA, and member tool shelfs for Houdini. The process is marked as "Uninstall complete!" for both applications.

```
Terminal
File Edit View Search Terminal Help
[cglynos@w10923]--[~]
/public/bin/ncca_renderfarm/uninstall.py

Uninstalling the NCCA RenderFarm module for Maya and Houdini.

-- Checking user permissions: 755

Uninstalling the module for Maya...

    Clearing rendering shelf...
    Removing tool found between [ 833 : 863 ]
    Removing renderfarm info from the maya directory!

Uninstall complete!

+++++

Uninstalling the module for Houdini...

    Removing tool shelf name between [ 8 : 12 ]
    Removing tool CDATA between [ 8 : 791 ]
    Removing member tool shelf between [ 8 : 12 ]
    Removing renderfarm info from the houdini directory!

Uninstall complete!

[cglynos@w10923]--[~]

```

FAQ

Q: The tool doesn't install! It says something about permissions.

A: To change your permissions, open a new terminal and run:

chmod -R 755 /home/<your student login number>

Q: I installed the tool but I cannot see the icon in the rendering shelf.

or

The tool cannot be installed because it says the rendering shelf is not there.

A: This is a bug with Maya mostly. Do the following:

Close down Maya

Uninstall the tool

Open Maya and click on the rendering shelf - This will generate the shelf_Rendering.mel script

Close Maya again without saving the scene

Re-install the tool

If the error is not one of the above and you cannot install the tool, then delete your preferences from Maya and / or Houdini and re-install the tool.