

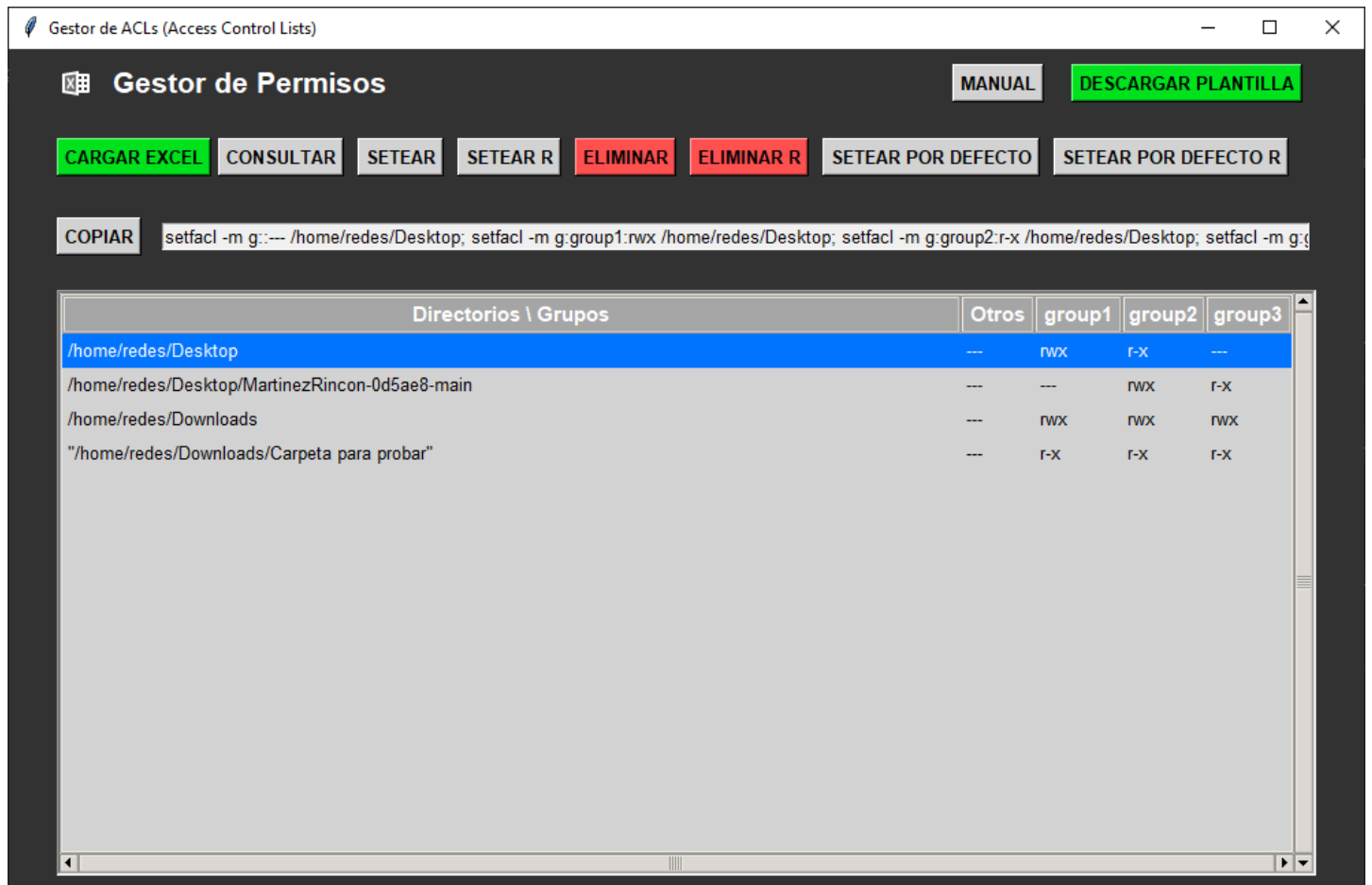
# ACL Manager



Proyecto para poder gestionar ACLs (Access Control List) en un entorno Linux, al tener muchos comandos repetidos basados en un excel se me ocurrio que seria mas comodo poder formater los comandos de forma automatica usando una interfaz "Amigable".



## Interfaz



## Setup Windows

Creamos el entorno Virtual

```
python -m venv .venv
```

Activamos el entorno Virtual

```
.venv\Scripts\activate
```

En caso de no tener permisos, utilizar

```
Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass
```

Instalamos las dependencias

```
pip install -r requirements.txt
```

## Botones

## Consultar

```
getfacl /home/redes/Desktop
```

Resultador

```
# file: home/redes/Desktop
# owner: redes
# group: users
user::rwx
group::---
other::r-x
```

## Setear

```
setfacl -m g::--- /home/redes/Desktop; setfacl -m g:group1:rwx /home/redes/Desktop; setfacl -m g:group2:r-x /home/redes/
```

Consultamos el resultado

```
# file: home/redes/Desktop
# owner: redes
# group: users
user::rwx
group::---
group:group1:rwx
group:group2:r-x
group:group3:---
mask::rwx
other::r-x
```

## Seteamos de forma Recursiva

Antes de setear

Comando: `ls -l /home/redes/Desktop`

```
total 18124
-rwxrwxrwx 1 redes users 205 May 21 07:57 convert_to_csv.py
-rwxrwxrwx 1 redes users 443 May 21 08:07 ejecutar_permisos.sh
drwxr-xr-x 4 redes users 4096 May 31 07:38 MartinezRincon-0d5ae8-main
-rw-rw-rw- 1 redes users 82968 May 31 06:46 MartinezRincon-0d5ae8-main.zip
-rw-rw-rw- 1 redes users 10282 May 21 06:50 'Permisos 2.0.xlsx'
-rw-r--r-- 1 redes users 4345 May 21 07:57 permisos.csv
drwxr-xr-x 16 redes users 4096 May 31 07:02 Python-3.8.10
-rw-r--r-- 1 redes users 18433456 May 3 2021 Python-3.8.10.tar.xz
```

Despues de setear

```
setfacl -R -m g::--- /home/reds/Desktop; setfacl -R -m g:group1:rwX /home/reds/Desktop; setfacl -R -m g:group2:r-x /l
```

Comando: `ls -l /home/reds/Desktop`

total 18124

```
-rwxrwxrwx+ 1 reds users      205 May 21 07:57 convert_to_csv.py
-rwxrwxrwx+ 1 reds users      443 May 21 08:07 ejecutar_permisos.sh
drwxrwxr-x+ 4 reds users    4096 May 31 07:38 MartinezRincon-0d5ae8-main
-rw-rwxrw-+ 1 reds users   82968 May 31 06:46 MartinezRincon-0d5ae8-main.zip
-rw-rwxrw-+ 1 reds users   10282 May 21 06:50 'Permisos 2.0.xlsx'
-rw-rwxr--+ 1 reds users    4345 May 21 07:57 permisos.csv
drwxrwxr-x+ 16 reds users    4096 May 31 07:02 Python-3.8.10
-rw-rwxr--+ 1 reds users 18433456 May  3 2021 Python-3.8.10.tar.xz
```

## Eliminar

Antes de eliminar los permisos

Comando: `getfacl /home/reds/Desktop`

```
getfacl: Removing leading '/' from absolute path names
# file: home/reds/Desktop
# owner: reds
# group: users
user::rwx
group::---
group:group1:rwx
group:group2:r-x
group:group3:---
mask::rwx
other::r-x
```

Elimina los permisos actuales y los que tiene por defecto.

```
setfacl -b /home/reds/Desktop && setfacl -k /home/reds/Desktop
```

Comando: `getfacl /home/reds/Desktop`

```
getfacl: Removing leading '/' from absolute path names
# file: home/reds/Desktop
# owner: reds
# group: users
user::rwx
group::---
other::r-x
```

## Eliminar R (De forma Recursiva)

Antes de eliminar los permisos

```
Comando: ls -l /home/redes/Desktop
total 18124
-rwxrwxrwx+ 1 redes users 205 May 21 07:57 convert_to_csv.py
-rwxrwxrwx+ 1 redes users 443 May 21 08:07 ejecutar_permisos.sh
drwxrwxr-x+ 4 redes users 4096 May 31 07:38 MartinezRincon-0d5ae8-main
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-rw-rwxr--+ 1 redes users 4345 May 21 07:57 permisos.csv
drwxrwxr-x+ 16 redes users 4096 May 31 07:02 Python-3.8.10
-rw-rwxr--+ 1 redes users 18433456 May 3 2021 Python-3.8.10.tar.xz
```

Elimina los permisos actuales y los que tiene por defecto de forma recursiva.

```
setfacl -R -b /home/redes/Desktop && setfacl -R -k /home/redes/Desktop
```

```
Comando: ls -l /home/redes/Desktop
total 18124
-rwx---rwx 1 redes users 205 May 21 07:57 convert_to_csv.py
-rwx---rwx 1 redes users 443 May 21 08:07 ejecutar_permisos.sh
drwx---r-x 4 redes users 4096 May 31 07:38 MartinezRincon-0d5ae8-main
-rw----rw- 1 redes users 82968 May 31 06:46 MartinezRincon-0d5ae8-main.zip
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-rw----r-- 1 redes users 4345 May 21 07:57 permisos.csv
drwx---r-x 16 redes users 4096 May 31 07:02 Python-3.8.10
-rw----r-- 1 redes users 18433456 May 3 2021 Python-3.8.10.tar.xz
```

## Setear Por Defecto

Antes de setear

```
Comando: getfacl /home/redes/Desktop
getfacl: Removing leading '/' from absolute path names
# file: home/redes/Desktop
# owner: redes
# group: users
user::rwx
group:---
other::r-x
```

Seteamos los permisos por defecto

```
setfacl -d -m g:--- /home/redes/Desktop; setfacl -d -m g:group1:rwx /home/redes/Desktop; setfacl -d -m g:group2:r-x /l
```



```
Comando: getfacl /home/redes/Desktop
getfacl: Removing leading '/' from absolute path names
# file: home/redes/Desktop
# owner: redes
# group: users
user::rwx
group::---
other::r-x
default:user::rwx
default:group::---
default:group:group1:rwx
default:group:group2:r-x
default:group:group3:---
default:mask::rwx
default:other::r-x
```

## Setear Por Defecto de Forma Recursiva

Antes de setear

```
ls -l /home/redes/Desktop
total 18124
-rwx---rwx  1 redes users      205 May 21 07:57 convert_to_csv.py
-rwx---rwx  1 redes users      443 May 21 08:07 ejecutar_permisos.sh
drwx---r-x  4 redes users    4096 May 31 07:38 MartinezRincon-0d5ae8-main
-rw----rw-  1 redes users   82968 May 31 06:46 MartinezRincon-0d5ae8-main.zip
-rw----rw-  1 redes users   10282 May 21 06:50 'Permisos 2.0.xlsx'
-rw----r--  1 redes users    4345 May 21 07:57 permisos.csv
drwx---r-x 16 redes users    4096 May 31 07:02 Python-3.8.10
-rw----r--  1 redes users 18433456 May  3 2021 Python-3.8.10.tar.xz
```

Seteamos los permisos por defecto de forma recursiva (Solo se aplica en directorios)

```
setfacl -R -d -m g::--- /home/redes/Desktop; setfacl -R -d -m g:group1:rwx /home/redes/Desktop; setfacl -R -d -m g:grou
```

```
ls -l /home/redes/Desktop
total 18124
-rwx---rwx  1 redes users      205 May 21 07:57 convert_to_csv.py
-rwx---rwx  1 redes users      443 May 21 08:07 ejecutar_permisos.sh
drwx---r-x+ 4 redes users    4096 May 31 07:38 MartinezRincon-0d5ae8-main
-rw----rw-  1 redes users   82968 May 31 06:46 MartinezRincon-0d5ae8-main.zip
-rw----rw-  1 redes users   10282 May 21 06:50 'Permisos 2.0.xlsx'
-rw----r--  1 redes users    4345 May 21 07:57 permisos.csv
drwx---r-x+ 16 redes users    4096 May 31 07:02 Python-3.8.10
-rw----r--  1 redes users 18433456 May  3 2021 Python-3.8.10.tar.xz
```