

How to access files belonging to someone else or another project

Users are allowed to change the default permissions file permissions in all folders they own. The default access rights to INCD filesystem is the following:

/home

- All files under /home are only accessible by the user.

/data

- All files under /data/unixgrp/ are rwx for all users belonging to that group.

Example on how to change permissions for user abc123 belonging to group xyz:

```
//1 listening the files on a given folder
```

```
ls -l
```

```
drwxr--r-- 1 abc123 xyz    4096 Nov 25 11:03 mydir
-rwxr-xr-- 1 abc123 xyz  4126231 Nov 25 15:42 myfile
```

- On this example the file owner (abc123) has read, write and execute (rwx) for myfile while the group (xyz) has read and execute (r-x) rights and the remaining of users has read access (r--).
- Now giving permissions for user def456 to read my files and folders:

```
//2 Changing file permissions
```

```
setfacl -Rm u:def456:rwx mydir
```

```
setfacl -Rm d:u:def456:rwx mydir (this options only applies to new files)
```

- Now giving permissions for a group abc:

//2 Changing file permissions

```
setfacl -Rm g:abc:rwx mydir
```

```
setfacl -Rm d:g:abc:rwx mydir (this options only applies to new files)
```

- for further details on file permission and atributes in linux filesystems [click here](#)

“ **NOTE** We don't recommend using `chmod o+r`, `chmod o+w`, or `chmod o+x` to give non-group members access to your project's files. Instead, you should use access control lists to limit the access privileges of specific users

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