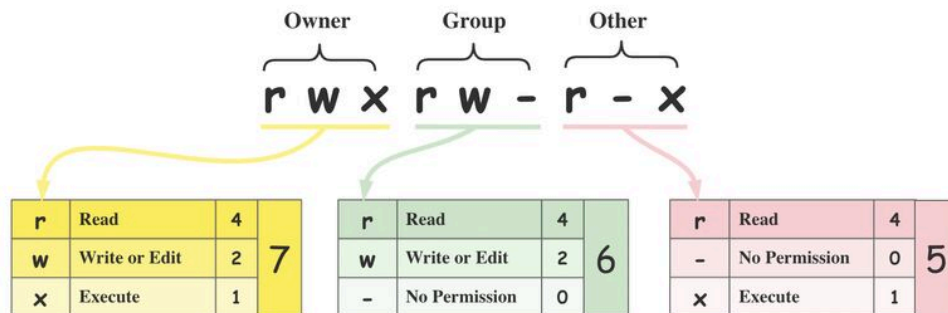


Linux file permission illustrated

| Linux File Permissions

 blog.bytebytego.com

Binary	Octal	String Representation	Permissions
000	0 (0+0+0)	---	No Permission
001	1 (0+0+1)	--x	Execute
010	2 (0+2+0)	-w-	Write
011	3 (0+2+1)	-wx	Write + Execute
100	4 (4+0+0)	r--	Read
101	5 (4+0+1)	r-x	Read + Execute
110	6 (4+2+0)	rw-	Read + Write
111	7 (4+2+1)	rwX	Read + Write + Execute



Ownership

Every file or directory is assigned 3 types of owner:

- Owner: the owner is the user who created the file or directory.
- Group: a group can have multiple users. All users in the group have the same permissions to access the file or directory.
- Other: other means those users who are not owners or members of the group.

Permission

There are only three types of permissions for a file or directory.

- Read (r): the read permission allows the user to read a file.
- Write (w): the write permission allows the user to change the content of the file.
- Execute (x): the execute permission allows a file to be executed.

Over to you: `chmod 777`, good idea?