

# CLI (Command Line Interface)

## ▼ Shell command

- Show

```
$ pwd
/c/Users/User

User@DESKTOP-EB7QT0J MINGW64 ~
$ cd AppData

User@DESKTOP-EB7QT0J MINGW64 ~/AppData
$ cd ..

User@DESKTOP-EB7QT0J MINGW64 ~
```

- pwd: shows the current path in a hierarchical directory

## ▼ directory

- / root
- . current directory
- .. upper-level directory
- ~ home of current user
- /[directory name] : absolute path
- ./[directory name] : relative path
- ../[directory name] : relative path

```
$ ls -l
```

```
$ ls -l
total 28
drwxr-xr-x 1 User 197121 0 Sep 21 18:49 Local/
drwxr-xr-x 1 User 197121 0 Jan  3 2024 LocalLow/
drwxr-xr-x 1 User 197121 0 Sep 21 18:52 Roaming/
```

File permissions / owner / group / size (B) / modification time / file name

- Manipulation

```
$ cp file1 file2
$ cp -r dir1 dir2

$ mv file1 file2
$ mv dir1 dir2
$ mv file1 file2 dir1

$ rm file1
$ rm -r dir1

$ mkdir dir1
```

- mv file1 file2 dir : file1 & file2 → dir

- Wildcards

*	All filenames
g*	All filenames that begin with the char 'g'
g*.txt	'g'*.txt'
g???	Any filename that begins with the char 'g' followed by exactly 3 more char

```
$ cp *.txt dir1
$ mv dir1 ../*.bak dir2
$ rm *~
```

- rm \*~ : delete all file in current dir that end with the char '~'

- Help

```
$ help cd
$ man cp
```

- Exit

```
$ exit
```