

Notes 6

Wildcard	Description
*	Matches zero or more characters in a filename
?	Matches any one character in a filename
[acf]	Matches one of multiple characters in a filename; in this example, a, c, or f
[a-f]	Matches one of a range of characters in a filename; in this example, any character from a through f
[!a-f]	Matches filenames that don't contain a specified range of characters; in this example, filenames that don't contain a through f



* Wildcard

- Matches 0 to any number of character

Examples:

- list all the txt files:
 - ls*txt
 - notes.txt
 - report.txt

? Wildcard

- Matches only one character at a time

Examples:

- Finding single-character
 - ls file?.txt
 - file1.txt
 - file2.txt
 - fileA.txt

[] Wildcard

- Allows me to match a range or specific character within filenames.

Examples:

- Finding specific file variations
 - ls file[1-3].txt
 - file1.txt

- file2.txt
- file3.txt

Brace Expansion

- helps automate repetitive tasks.

Examples:

- create multiple directories
 - `mkdir {Documents,Images,Videos}`
- Generating a sequence of numbers
 - `touch file_{1..5}.txt`
 - generate- file_1.txt file_2.txt file_3.txt file_4.txt file_5.txt
- Combine multiple expansions
 - `echo {A,B,C}{1,2}`
 - output- A1 A2 B1 B2 C1 C2