

Extended Globs

- More powerful globs
- match more than one character
- group patterns inside parentheses by surrounding them with an outer set of parentheses
- standard globs can be used inside extended globs
- specify number of occurrences
- match one group or another
- invert matches
- similar to regular expressions
- in some distributions, need to be enabled
- To determine if extended globs are enabled, run `shopt | grep "extglob"`
 - If they are not enabled, run `shopt -s extglob`
 - To make this persistent between user sessions it must be added the `~/.bashrc`

Function	Extended Glob	Regular Expression
Group characters	(abc)	(abc)
Multiple patterns	(abc def)	(abc def)
Invert match	!(abc) ^(abc)	

Specifying occurrences

Occurrences	Extended Glob	Regular Expression
0 or 1	?(abc)	(abc)?
Exactly 1	@(abc)	(abc)
1 or more	+(abc)	(abc)+
0 or more	*(abc)	(abc)*