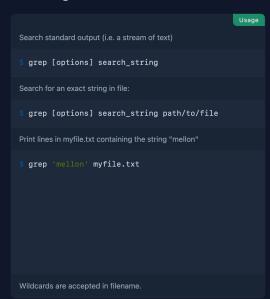






Grep cheatsheet

Getting Started



	Option examples
grep -i ^DA demo.txt	Forgets about case sensitivity
grep -w "of" demo.txt	Search only for the full word
grep -A 3 'Exception' error.log	Display 3 lines after matching string
grep -B 4 'Exception' error.log	Display 4 lines before matching string
grep -C 5 'Exception' error.log	Display 5 lines around matching string
grep -r 'quickref.me' /var/log/nginx/	Recursive search (within subdirs)
grep -v 'warning' /var/log/syslog	Return all lines which don't match the pattern
grep -e '^al' filename	Use regex (lines starting with 'al')
grep -E 'ja(s cks)on' filename	Extended regex (lines containing jason or jackson)
grep -c 'error' /var/log/syslog	Count the number of matches
grep -l 'robot' /var/log/*	Print the name of the file(s) of matches
grep -o search_string filename	Only show the matching part of the string
grep -n "go" demo.txt	Show the line numbers of the matches

Grep regular expressions





Wildcards
Any character.
Optional and can only occur once.
Optional and can occur more than once.
Required and can occur more than once.

Character
Any lower and upper case letter.
Any number.
Any lower and upper case letter or digit.

Quantifiers
Previous item appears exactly n times.
Previous item appears n times or more.
Previous item appears n times maximum.
Previous item appears between n and m times.

Position
Beginning of line.
End of line.
Empty line.
Start of word.
End of word.

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