

grep, sed, awk

grep/egrep/fgrep

-i (ignore_case); -e (regexp); -v (invert); -o (only_match); -n (line_number); --color; -A (after_context); -B (before_context); -C (context)

sed

sed '[addr]cmd; [addr],[addr]cmd; [addr],[addr]{cmd; cmd}' file

sed '[addr]!cmd; [addr],[addr]!cmd; [addr],[addr]!{cmd; cmd}' file

1.address-> /Regexp/ | Line-Num

2.command->

replace: [addr]s/pattern/replacement/flags #replacement(&|\n) , flags(n|g|p|w)

delete: [addr]d

add: [addr]a\text

insert: [addr]i\text

change: [addr]c\text

list: [addr]l

translate: [addr]y/abc/ABC/

print: [addr]p #need "-n" parameter

line_num print: [addr]=

next: [addr]n

read_file: [addr]r file_name

write_file: [addr]w file_name

exit: [addr]q

3.parameter-> "-i"

awk

FS, OFS, RS, ORS, NF, NR, \$n

```
awk -F'x' 'function name(param-list) {statements} BEGIN {action} /pattern/|expression {action}
END {action}'
```

```
awk -v var=value -f func.awk -e/--source 'script'
```

```
awk 'xx'$var'yy'
```