

* viewing Compressed files

→ There is ~~also~~ a version especially designed to work with compressed files.

→ These associated utilities often have the letter "z" prefixed to their name.

→ For example we have utility programs such as `zcat`, `zless`, `zdiff`, `zgrep`.

→ Here is a table listing some z family.

Command	Description
<code>\$ zcat compressed-file.txt.gz</code>	To view a compressed file
<code>\$ zless somefile.gz</code> or <code>\$ zmore somefile.gz</code>	To Page through a compressed file
<code>\$ zgrep -i less somefile.gz</code>	To Search inside a compressed file
<code>\$ zdiff file1.txt.gz file2.txt.gz</code>	To compare two compressed files.

* sed command syntax

→ You can invoke sed using command like those listed in the accompanying table.

Command	Usage
sed -e command <filename>	Specify editing commands at the command line, process input from file and put the output on standard out
sed -f scriptfile <filename>	Specify a script file containing sed commands, operate on file, and put output on standard out.
echo "I hate you" sed s/hate/love/	Use sed to filter standard input putting output on standard out.

→ The -e option allows you to specify multiple editing commands simultaneously at command line.

* Sed basic operation

Command	usage
Sed s/pattern/replace-string 1 file	substitute first string occurrence in every line
Sed s/pattern/replace-string lg file	Substitute all string occurrence in every line
Sed 1,3s/pattern/replace-string/g file	substitute all string occurrence in a range of line
sed -i s/pattern/replace-string/g file	save change for string substitution in the same file.