search & replace

Basic search and replace
The :subst itute command searches for a text pattern, and replaces it with a text string. There are many options, but these are what you probably want:
:%s/fo o/bar/g
Find each occurrence of 'foo' (in all lines), and replace it with 'bar'.
:s/foo /bar/g
Find each occurrence of 'foo' (in the current line only), and replace it with 'bar'.
:%s/fo o/b ar/gc
Change each 'foo' to 'bar', but ask for confir mation first.
:%s/\< foo \>/ bar/gc
Change only whole words exactly matching 'foo' to 'bar'; ask for confir mation.
:%s/fo o/b ar/gci
Change each 'foo' (case insens - itive due to the i flag) to 'bar'; ask for confir mation.
:%s/fo o\c /bar/gc is the same because \c makes the search case insens itive.
This may be wanted after using :set noigno recase to make searches case sensitive (the default).
:%s/fo o/b ar/gcI
Change each 'foo' (case sensitive due to the I flag) to 'bar'; ask for confir mation.
:%s/fo o\C /bar/gc is the same because \C makes the search case sensitive.

search & replace (cont)

> This may be wanted after using :set ignorecase to make searches case insens- itive.
Search range:
:s/foo/bar/g Change each 'foo' to 'bar' in the current line.
:%s/foo/bar/g Change each 'foo' to 'bar' in all the lines.
:5,12s/foo/bar/g Change each 'foo' to 'bar' for all lines from line 5 to line 12 (inclusive).
:'a,'bs/foo/bar/g Change each 'foo' to 'bar' for all lines from mark a to mark b inclusive (see Note below).
:'<,'>s/foo/bar/g When compiled with +visual, change each 'foo' to 'bar' for all lines within a visual selection. Vim automa- tically appends the visual selection range ('<,'>) for any ex command when you select an area and enter :. Also, see Note below.
:.,$s/foo/bar/g Change each 'foo' to 'bar' for all lines from the current line (.) to the last line ($) inclusive.
:.,+2s/foo/bar/g Change each 'foo' to 'bar' for the current line (.) and the two next lines (+2).
:g/^baz/s/foo/bar/g Change each 'foo' to 'bar' in each line starting with 'baz'.

search & replace (cont)

> Note: As of Vim 7.3, substitutions applied to a range defined by marks or a visual selection (which uses a special type of marks '< and '>) are not bounded by the column position of the marks by default. Instead, Vim applies the substitution to the entire line on which each mark appears unless the \%V atom is used in the pattern like: :'<,'>s/\%Vfoo/bar/g.

Delete

Cancellare
x X cancella carattere al, prima del cursore
dm cancella il testo del comando di movimento m
dd D cancella la riga, fino alla fine della riga corrente
J gJ unisci la riga corrente succes siva, senza spazi
:rd↵ cancella il gruppo di righe r
:rdx↵ sposta il gruppo di righe r nel registro x

copying

"x usa registro x per la prossima cancellazione, copia
:reg↵ mostra il contenuto di tutti i registri
:reg x↵ mostra il contenuto del registro x
ym copia il testo del comando di movimento m
yy or Y copia la riga corrente nel registro
p P metti registro dopo, prima del cursore
]p [p come p, P con indent - azione modificata

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copying (cont)

> gp gP come p, P lasciando il cursore dopo nuovo testo

editing

refresh file

:edit

This means replace the end of line repres ented by $ with the string |.

:%s/$/|/

delete blank lines

:%s,\n \n,^M,g

:g/^$/d

:v/./d

delete all lines that are empty or that contain only whitespace characters

:g/^\s*$/d

:v/\S/d``

grepping & sorting

grep

:vimgrep

sort string

:{rang e}sort u

sort number

:sort n

sort after " |"

:sort /^.*|/

cut & paste

REGISTERS

Normal registers

a-z

Clipboard

+

Numbered registers

0 - last yanked text

1 - 9 last 9 deleted chunks of text

Copy

" <re gis ter >y< mot ion>

Paste

" <re gis ter >p

SYSTEM CLIPBOARD

Copy

" +y< mot ion>

Paste

"+p

buffer

The :b command can also take a substring of the name of the file

:b bar will switch to the bar file.

:b o will switch to the foo file.

:b a will give you an error because it could mean either bar or baz, but you can fix the name to be more specific with, for example, : ↑ r Enter.

This command can also take a number, if you want to use that:

:b 5

Insert Mode

" editing/moving within current insert (Really useful)

<C- U> : delete all entered

<C- W> : delete last word

<HO ME> <EN D> : beginn ing/end of line

<C- LEF TAR ROW ><C -RI GHT - ARR OW> : jump one word backwa - rds /fo rwards

<C- X>< C-E >,< C-X ><C -Y> : scroll while staying put in insert

--

Modalita' inseri mento

^Vc Vn inserice car. c letterale, valore decimale di n

^A inserisce il testo preced - ent emente inserito

@ come A e va da modalita' inseri mento → comandi

^Rx R^Rx inserisce contenuto del registro x, letterale

^N P comple tamento del testo prima, dopo il cursore

^W cancella la parola prima del cursore

^U cancella tutti i caratteri inseriti nella riga corrente

^D T sposta a sx, dx della larghezza di uno shift

^Kc1c2 or c1←c2 digita diagramma \c1,c2\

^Oc esegue c in modalita' comandi temporanea

^XE ^XY scorri in su, giu'

&l t;e sc>\o ^[vai modal. inseri mento → modal. comandi

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duplicates

hilight duplicates

```
:syn clear Repeat | g/\(.\)\n\z e\%(.\n\)\1$/exe 'syn match Repeat "', escape (ge tli ne( '.'), '".^$[]') . '$"' | nohlsearch
```

moving

Movimenti base

h l k j un carattere a sx, dx, su, giu'

b w parola /token a sx, dx

ge e fine parola /token sx, dx

{ } inizio preced ent e/p - rossimo paragrafo

( ) inizio preced ente, prossima frase

0 gm inizio, meta' riga

^ $ primo, ultimo carattere della riga

nG ngg riga n, default ultima, prima

n% n percento del file (n deve essere indicato)

n| la colonna n della riga corrente

% trova prossima parentesi, commento, #define

nH nL riga n dall'i nizio, fine della finestra

M alla riga di mezzo della finestra

Folding

zf#j creates a fold from the cursor down # lines.

zf/string creates a fold from the cursor to string .

zj moves the cursor to the next fold.

zk moves the cursor to the previous fold.

zo opens a fold at the cursor.

zO opens all folds at the cursor.

Folding (cont)

> zm increases the foldlevel by one.

zM closes all open folds.

zr decreases the foldlevel by one.

zR decreases the foldlevel to zero -- all folds will be open.

zd deletes the fold at the cursor.

zE deletes all folds.

[z move to start of open fold.

]z move to end of open fold.

Changing Case

guu : lowercase line

gUU : uppercase line

Vu : lowercase line

VU : uppercase line

g~~ : flip case line

vEU : Upper Case Word

vE~ : Flip Case Word

ggguG : lowercase entire file

CR+LF

VI: visualizzare e rimuovere CR+LF (^M)

- per visual izz arli:

:e ++ff=unix

- per visual izzarli di default:

set ff=unix

set filefo rma ts=unix

- per rimuov erli:

CR+LF (cont)

> :%s/^M$//g

Note that you should type ^M by pressing ctrl-v and then ctrl-m.

insert

Inserisci & rimpiazza → modalita' inserimento

i a inserisci prima, dopo il cursore

I A inserisci all'in izio, fine della riga

gI inserisci il testo nella prima colonna

o O inserisci nuova riga sotto, sopra riga corrente

rc rimpiazza il carattere al cursore con c

grc come r, ma vai in modalita' inseri mento

R rimpiazza caratteri a partire dal cursore

gR come R, ma vai in mod. inseri mento

cm cambia il testo del comando di movimento m

cc or S cambia la riga corrente

C cambia fino alla fine della riga

s cambia un carattere e vai in mod. inseri mento

~ scambia maiusc olo /mi nuscolo ad avanza il cursore

g~m scambia maiusc olo /mi - nuscolo per cmd. mov. m

gum gUm minusc olo /ma iuscolo testo cmd. mov. m

<m >m sposta sx, dx testo del comando di mov. m

n& lt; < n& gt; > sposta n righe a sx, dx

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Insert (advanced)

Inserimento avanzato
g?m esegui codifica rot13 su comando movimento m
n^A ^X +n, -n del numero al cursore
gqm formatta riga del movimento m a larghezza fissa
:rce w↵ centra le righe nel gruppo r a larghezza w
:rle i↵ allinea a sx righe gruppo r con indent. i
:rri w↵ allinea a dx righe gruppo r a larghezza w
!mc↵ filtra righe cmd. movimento m con cmd. c
n!!c↵ filtra le righe n con il comando c
:r!c↵ filtra gruppo di righe r con il comando c

Macroing

per registrare la macro "a":
qa
per eseguire la macro " a"
@a
per ripetere l'ultima macro eseguita:
@@

advanced

remove multiple spaces in a visual selection	release visual selection, then: :'<,'>-s/\%\V\s\+/ /g

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