ed Cheat Sheet

# Navigation

N go to line N  
, = 1,$  
$ last line  
. current line  
+N nth next line  
-N nth previous line  
+ = +1; can be repeated  
- = -1; can be repeated  
; = .,  
/RE/ next line matching RE  
?RE? previous line matching RE  
// ?? repeat last search  
'r refer to line marked as r;  
 = vim's 'r

**N.b.**: addresses may be followed by one or more address offsets

# Regexp

g/RE/cmd execute cmd for all lines matching RE; default is p  
G/RE/cmd interagtive g/RE/  
v//, V// reverse of g//, G//  
s/RE/RE/ replace; / can be anything; suffixed: g, COUNT, l, n, p  
s/RE/RE/N replace, but only Nth match  
regexps: [:alnum:], [a-z], ^, $,   
 \(.\*\), \{N,M\}, \<, \>, etc.  
extended: \` (begining), \' (ending),   
 \?, \+, \b, \B, \w, \W

**N.b.**: extended pattern tokens are only in GNU ed

# Display

[N,N]pn print range w/ line numbers   
[N,N]l list (like vim's set list)  
[N+1]zN scroll by N lines   
 (quick view)  
[$]= prints line number of   
 addressed line w/o jumping  
<CR> scroll by one line; = +1p

# Misc

u undo (like old vi);   
 g,G,v,V are one command  
P turn prompt on  
H auto-display diagnostics  
h print diagnostic   
 for last failed command  
[N,N]# comment

# Commands

[ADDRESS[,ADDRESS]]COMMAND[PARAMETERS]

ADDRESS can be (almost) anything from #Navigation

kr mark line as register r;  
 = vim's mr  
[N]i insert [before N].  
 End command with .  
[N]a append [after N].  
 End command with .  
[N,N]c change range; end with .  
[N,N]d delete range  
N,N+1j join lines  
[N,N]m[N] move range after line;  
 0 is a valid destination  
[N,N]s repeat last substitution  
[N,N]t[N] transfer range after dest’n  
[N,N]m[N] move range after destination  
[N,N]y yank range to cut buffer;  
 c,d,j,s,y put into cut buffer  
[N]x paste from cut buffer

# I/O

[r ]!sh read output of shell command  
[$]r [F] read F into buffer.  
 0 is a valid destination.  
e FILE edit file  
E FILE edit unconditionally  
f FILE set default file name  
 for commands taking FILE  
[N,N]w F write range to FILE;  
 default is ,  
[N,N]W F append range to FILE  
q quit ed  
Q quit ed really hard