

# OpenSwarm - Cheat Sheet

Basic	
Initialise OpenSwarm	<code>Sys_Init_Kernel()</code>
Start OpenSwarm	<code>Sys_Start_Kernel()</code>
Command (Super) key	<code>CMD</code>
Function (Fn) key	<code>fn</code>
Home/end	<code>fn-left / fn-right</code>

Events	
Execute command by name	<code>SYS_EVENT_IO_MOTOR_LEFT</code>
Cancel command	<code>SYS_EVENT_IO_MOTOR_RIGHT</code>
Exit Emacs	<code>SYS_EVENT_IO_CAMERA</code>
Help: describe a key combination	<code>SYS_EVENT_IO_REMOECONTROL</code>
Help: describe a function	<code>SYS_EVENT_IO_TO_BLUETOOTH</code>
Help: describe a function	<code>SYS_EVENT_IO_SELECTOR_CHANGE</code>
Help: describe a function	<code>SYS_EVENT_IO_PROX_0</code>
Help: describe a function	<code>SYS_EVENT_IO_PROX_1</code>
Help: describe a function	<code>SYS_EVENT_IO_PROX_2</code>
Help: describe a function	<code>SYS_EVENT_IO_PROX_3</code>
Help: describe a function	<code>SYS_EVENT_IO_PROX_4</code>
Help: describe a function	<code>SYS_EVENT_IO_PROX_5</code>
Help: describe a function	<code>SYS_EVENT_IO_PROX_6</code>
Help: describe a function	<code>SYS_EVENT_IO_PROX_7</code>

Navigation	
Previous/next character	<code>C-b / C-f</code>
Previous/next line	<code>C-p / C-n</code>
Previous/next word	<code>M-left / M-right</code>
Previous/next current symbol	<code>M-a / M-e</code>
Previous/next s-expression	<code>C-M-b / C-M-f</code>
Previous/next defun	<code>C-M-a / C-M-e</code>
Previous/next page	<code>C-v / M-v</code>
Beginning/end of line	<code>C-a / C-e</code>
Beginning/end of file	<code>M-S-, / M-S-.</code>

Mark	
Select region while navigating	Hold Shift
Select next s-expression	<code>M-S-Space</code>

Files	
Find (open) file	<code>C-x C-f</code>
Save file	<code>C-x C-s</code>
Don't suggest names in minibuffer	<code>C-f</code>
Find recent file	<code>M-m</code>
Find file in project	<code>M-i</code>

Search	
Search forward, next match	<code>C-s</code>
Search backward, prev match	<code>C-r</code>
Occur (show all matches)	<code>M-o</code>
Grep	<code>M-x rgrep</code>
Interactive grep in project (Helm)	<code>M-h</code>
Helm-grep: preview match at point	<code>C-z</code>

Replace	
Interactive replace	<code>M-%</code>
Replace current occurrence	<code>y</code>
Skip current occurrence	<code>n</code>
Replace all occurrences	<code>!</code>

### Buffers

Previous/next buffer	C- , / C- .
Jump to buffer	C-x b / M-m
List buffers	C-x C-1
Kill buffer	C-x k

### Editing

Kill current symbol	C-d
Kill line	C-k
Cut to clipboard	C-w / CMD-x
Copy to clipboard	M-w / CMD-c
Paste from clipboard	C-y / CMD-v
Cycle through clipboard	M-y
Undo	C-z / CMD-z
Redo	M-z / CMD-y
Indent line	TAB
Complete filename in buffer	M- /
Comment or uncomment region	M- ;

### Windows

Leave one window	C-x 1
Split window horizontally	C-x 2
Split window vertically	C-x 3
Jump cursor to other window	C-x o

### Miscellaneous

Ediff	M-x ediff
Ediff two opened buffers	C-c d
Multiple cursors: mark all like this	C-x m

## Lisp

### SLIME

Connect	M-x slime-connect
Switch to next connection	M-x slime-selector n
Jump to REPL buffer	C-c C-z
Jump to function definition	M- .
Jump back from definition	M- ,
Evaluate last s-expression	C-x C-e
Compile current defun	C-c C-c
Compile current pattern	C-c C-k
REPL: previous/next history item	M-p / M-n

### Paredit

Wrap s-expression	M- (
Splice s-expression	M- s
Splice s-expression killing backward	M-up
Raise s-expression	M- r
Kill s-expression	C-M-k
Kill balanced to the end of line	C-k
Split s-expression	M-S-s
Barf/slurp forward	C-left / C-right

## Version control

### Magit status

Magit status	C-x g
Move up/down	p / n
Change current section visibility	1 / 2 / 4
Change all sections visibility	M-1 / M-2 / M-4
Collapse or expand section	TAB
Stage file or chunk	s
Unstage file or chunk	u
Discard uncommitted file or chunk	k
Commit staged	c c
Commit mode: confirm commit	C-c C-c
Commit mode: cancel commit	C-c C-a
Pull into current branch	F F
Push current branch	P P
Merge into current branch	m m
Show process buffer	\$
Quit	q

### Magit branches

Checkout branch	b b
Create branch	b B
List branches	y
Branch list: checkout branch	Enter

### Magit log

Show log of current branch	l l
Show log of all local branches	l L
Show commit at point	Enter

### Magit stash

Stash working tree changes	z z
Apply stash at point	A
Inspect stash at point	Enter
Delete stash at point	k

### Revisions and blame

Annotate current file	M-x vc-annotate
Annotate: hide metadata	v
Annotate: previous/next revision	p / n
Annotate: quit	q
Time machine for current file	C-F8
Time-machine: prev/next revision	p / n
Time-machine: quit	q