

## XEmacs Reference Card

(for version 21.0+)

### Starting Emacs

To enter XEmacs, just type its name: **xemacs**

To read in a file to edit, see Files, below.

### Leaving Emacs

suspend Emacs (or iconify frame under X) **C-z**  
 exit Emacs permanently **C-x C-c**

### Files

**read** a file into Emacs **C-x C-f**  
**save** a file back to disk **C-x C-s**  
 save **all** files **C-x s**  
**insert** contents of another file into this buffer **C-x i**  
 replace this file with the file you really want **C-x C-v**  
 write buffer to a specified file **C-x C-w**

### Getting Help

The Help system is simple. Type **C-h** and follow the directions.  
 If you are a first-time user, type **C-h t** for a **tutorial**.

quit Help window **q**  
 scroll Help window **space**  
 apropos: show commands matching a string **C-h a**  
 show the function a key runs **C-h c**  
 describe a function **C-h f**  
 get mode-specific information **C-h m**

### Error Recovery

**abort** partially typed or executing command **C-g**  
**recover** a file lost by a system crash **M-x recover-file**  
**recover** files from a previous Emacs session **M-x recover-session**  
**undo** an unwanted change **C-x u** or **C-\_**  
 restore a buffer to its original contents **M-x revert-buffer**  
 redraw garbaged screen **C-l**

### Incremental Search

search forward **C-s**  
 search backward **C-r**  
 regular expression search **C-M-s**  
 reverse regular expression search **C-M-r**  
 select previous search string **M-p**  
 select next later search string **M-n**  
 exit incremental search **RET**  
 undo effect of last character **DEL**  
 abort current search **C-g**

Use **C-s** or **C-r** again to repeat the search in either direction.  
 If Emacs is still searching, **C-g** cancels only the part not done.

### Motion

|   |                 |                |
|---|-----------------|----------------|
| <b>entity to move over</b>                    | <b>backward</b> | <b>forward</b> |
| character <b>C-b</b>                          | <b>C-f</b>      |                |
| word <b>M-b</b>                               | <b>M-f</b>      |                |
| line <b>C-p</b>                               | <b>C-n</b>      |                |
| go to line beginning (or end) <b>C-a</b>      | <b>C-e</b>      |                |
| sentence <b>M-a</b>                           | <b>M-e</b>      |                |
| paragraph <b>M-{</b>                          | <b>M-}</b>      |                |
| page <b>C-x [</b>                             | <b>C-x ]</b>    |                |
| sexp <b>C-M-b</b>                             | <b>C-M-f</b>    |                |
| function <b>C-M-a</b>                         | <b>C-M-e</b>    |                |
| go to buffer beginning (or end) <b>M-&lt;</b> | <b>M-&gt;</b>   |                |
| scroll to next screen                         | <b>C-v</b>      |                |
| scroll to previous screen                     | <b>M-v</b>      |                |
| scroll left                                   | <b>C-x &lt;</b> |                |
| scroll right                                  | <b>C-x &gt;</b> |                |
| scroll current line to center of screen       | <b>C-u C-l</b>  |                |

### Killing and Deleting

|   |                 |                |
|---|-----------------|----------------|
| <b>entity to kill</b>                       | <b>backward</b> | <b>forward</b> |
| character (delete, not kill) <b>DEL</b>     | <b>C-d</b>      |                |
| word <b>M-DEL</b>                           | <b>M-d</b>      |                |
| line (to end of) <b>M-0 C-k</b>             | <b>C-k</b>      |                |
| sentence <b>C-x DEL</b>                     | <b>M-k</b>      |                |
| sexp <b>M-- C-M-k</b>                       | <b>C-M-k</b>    |                |
| <b>kill region</b>                          | <b>C-w</b>      |                |
| copy region to kill ring                    | <b>M-w</b>      |                |
| kill through next occurrence of <i>char</i> | <b>M-z char</b> |                |
| yank back last thing killed                 | <b>C-y</b>      |                |
| replace last yank with previous kill        | <b>M-y</b>      |                |

### Marking

|                                       |                            |
|---------------------------------------|----------------------------|
| set mark here                         | <b>C-@</b> or <b>C-SPC</b> |
| exchange point and mark               | <b>C-x C-x</b>             |
| set mark <i>arg</i> <b>words</b> away | <b>M-@</b>                 |
| mark <b>paragraph</b>                 | <b>M-h</b>                 |
| mark <b>page</b>                      | <b>C-x C-p</b>             |
| mark <b>sexp</b>                      | <b>C-M-@</b>               |
| mark <b>function</b>                  | <b>C-M-h</b>               |
| mark entire <b>buffer</b>             | <b>C-x h</b>               |

### Query Replace

interactively replace a text string **M-%**  
 using regular expressions **M-x query-replace-regexp**

Valid responses in query-replace mode are

|  |                        |
|--|------------------------|
| <b>replace</b> this one, go on to next       | <b>SPC</b> or <b>y</b> |
| replace this one, don't move                 | <b>,</b>               |
| <b>skip</b> to next without replacing        | <b>DEL</b> or <b>n</b> |
| replace all remaining matches                | <b>!</b>               |
| <b>back up</b> to the previous match         | <b>~</b>               |
| <b>exit</b> query-replace                    | <b>ESC</b>             |
| enter recursive edit ( <b>C-M-c</b> to exit) | <b>C-r</b>             |
| delete match and enter recursive edit        | <b>C-w</b>             |

### Multiple Windows

|                                     |                          |
|-------------------------------------|--------------------------|
| delete all other windows            | <b>C-x 1</b>             |
| delete this window                  | <b>C-x 0</b>             |
| split window in two vertically      | <b>C-x 2</b>             |
| split window in two horizontally    | <b>C-x 3</b>             |
| scroll other window                 | <b>C-M-v</b>             |
| switch cursor to another window     | <b>C-x o</b>             |
| shrink window shorter               | <b>M-x shrink-window</b> |
| grow window taller                  | <b>C-x ^</b>             |
| shrink window narrower              | <b>C-x {</b>             |
| grow window wider                   | <b>C-x }</b>             |
| select buffer in other window       | <b>C-x 4 b</b>           |
| display buffer in other window      | <b>C-x 4 C-o</b>         |
| find file in other window           | <b>C-x 4 f</b>           |
| find file read-only in other window | <b>C-x 4 r</b>           |
| run Dired in other window           | <b>C-x 4 d</b>           |
| find tag in other window            | <b>C-x 4 .</b>           |

### Formatting

|  |                |
|--|----------------|
| indent current <b>line</b> (mode-dependent)      | <b>TAB</b>     |
| indent <b>region</b> (mode-dependent)            | <b>C-M-\</b>   |
| indent <b>sexp</b> (mode-dependent)              | <b>C-M-q</b>   |
| indent region rigidly <i>arg</i> columns         | <b>C-x TAB</b> |
| insert newline after point                       | <b>C-o</b>     |
| move rest of line vertically down                | <b>C-M-o</b>   |
| delete blank lines around point                  | <b>C-x C-o</b> |
| join line with previous (with <i>arg</i> , next) | <b>M-^</b>     |
| delete all white space around point              | <b>M-\</b>     |
| put exactly one space at point                   | <b>M-SPC</b>   |
| fill paragraph                                   | <b>M-q</b>     |
| set fill column                                  | <b>C-x f</b>   |
| set prefix each line starts with                 | <b>C-x .</b>   |

### Case Change

|                   |                              |
|-------------------|------------------------------|
| uppercase word    | <b>M-u</b>                   |
| lowercase word    | <b>M-l</b>                   |
| capitalize word   | <b>M-c</b>                   |
| uppercase region  | <b>C-x C-u</b>               |
| lowercase region  | <b>C-x C-l</b>               |
| capitalize region | <b>M-x capitalize-region</b> |

### The Minibuffer

The following keys are defined in the minibuffer.

|  |            |
|--|------------|
| complete as much as possible           | <b>TAB</b> |
| complete up to one word                | <b>SPC</b> |
| complete and execute                   | <b>RET</b> |
| show possible completions              | <b>?</b>   |
| fetch previous minibuffer input        | <b>M-p</b> |
| fetch next later minibuffer input      | <b>M-n</b> |
| regexp search backward through history | <b>M-r</b> |
| regexp search forward through history  | <b>M-s</b> |
| abort command                          | <b>C-g</b> |

Type **C-x ESC ESC** to edit and repeat the last command that used the minibuffer. The following keys are then defined.

|                             |            |
|-----------------------------|------------|
| previous minibuffer command | <b>M-p</b> |
| next minibuffer command     | <b>M-n</b> |

