

How to Use Emacs

Emacs For the Dummies

To run emacs, just type

```
emacs filename
```

where *filename* is the file you want to edit.

The simplest commands:

Use the arrow keys to move the cursor

C-x C-f	open a new file
C-x C-s	save the current file
C-x C-c	exit the emacs (but save files first)

Here, the prefix C- refers to the CONTROL key. For example, C-x means to simultaneously press the CONTROL key and the "x" key.

Key Bindings (that I use)

In the following, the prefix C- refers to the CONTROL key, the prefix ESC- refers to the ESCAPE key. For example, C-n means to simultaneously press the CONTROL key and the key "n".

C-h b	list key bindings
Text:	
C-k	kill the current line
C-space	set a region mark
C-w	kill-region (between cursor and mark)
ESC-w	memorize the contents of the region (without kill)
C-y	yank (i.e., insert text last killed or memorize)
C-	undo
Search:	
C-s	isearch-forward
C-r	isearch-backward
Files:	

```
C-x C-f      find-file
C-x C-r      find-file-read-only
C-x C-s      save-current-file

Windows:
C-x 1        delete-other-windows
C-x 2        split-window-vertically

Misc:
C-x o        move the cursor to the other window
C-x b        switch to a different buffer
C-x C-c      save-buffers-kill-emacs
```

Running Macaulay 2 (M2)

```
ssh <your_account>@galois.math.uic.edu
```

To be able to run M2 in emacs add the following line to .emacs (in your home directory):

```
(load "/usr/local/Macaulay2-0.9.2/lib/Macaulay2-0.9.2/emacs/M2-init.el")
```

To run M2 in emacs push F12.

To execute the current line or selection in the M2 window push F11.