

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.