

# GNU Emacs for All

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Red Hat

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# ERC config: User configuration

```
(setq erc-user-full-name user-full-name
      erc-nick user-login-name
      erc-keywords (quote("training" "swift" "emacs")))
erc-current-nick-highlight-type 'all
erc-notify-list erc-pals
erc-autojoin-enable t
erc-autojoin-channels-alist
```

# ERC config: Channels

```
...  
erc-autojoin-enable t  
erc-autojoin-channels-alist  
(quote  
  (("oftc" "#tor" "#kernelnewbies" "#kernel-outreachy")  
   ("freenode.net" "#emacs" "#emacs-beginners" "#linuxjournal")  
   ("GIMPNet" "#outreachy")))
```

# ERC config: Modules

```
erc-modules  
(quote  
  (autojoin smiley notify))
```

# ERC config: Logging

```
;; Logging
erc-enable-logging t
erc-log-mode t
erc-log-channels-directory "~/.erc/logs/"
;; Timestamp position
erc-insert-timestamp-function 'erc-insert-timestamp-left

;; Show channel name in the notification.
;; Please apply: https://gitlab.com/snippets/1790218
erc-notifications-show-channel t)
```

## ERC config: Extra config

```
;; Turn off linum for ERC buffer
(defun psachin/turn-off-linum ()
  "Turn off linum for ERC buffers."
  (interactive)
  (display-line-numbers-mode 0))

(add-hook 'erc-mode-hook 'psachin/turn-off-linum)
```

## ERC config: Start server

```
(defun erc-start()  
  "Start ERC."  
  (interactive)  
  (erc :server "irc.freenode.net")  
  (erc :server "irc.oftc.net")  
  (erc :server "irc.gnome.org"))
```

- <https://gitlab.com/psachin/emacs.d/blob/master/irc.org>







Figure: Logo

Table: Swift Partition table

	Replica # 3	Replica # 2	Replica # 11
Partition # 1	D #2	D #3	D #4
Partition # 2	D #3	D #4	D #5
Partition # 3	D #4	D #5	D #6
Partition # 4	D #5	D #6	D #7
Partition # 5	D #6	D #7	D #8
Partition # 6	D #7	D #8	D #1
Partition # 7	D #8	D #1	D #2
Partition # 8	D #1	D #2	D #3

# Documents: Source code

```
#+BEGIN_SRC python -n  
import os  
  
def foo(os):  
    pass  
#+END_SRC
```

# Documents: Flow diagram(ditaa)

```
.          +-----+   +-----+   +-----+
.          |          | --+ ditaa +--> |          |
.          |  Text   |   +-----+   |diagram|
.          |Document|   |!magic!|   |          |
.          |   {d}  |   | cFF3  |   |  cGRE  |
.          +---+---+   +-----+   +-----+
.
.          :                               ^
.          |           Lots of work       |
.          +-----+-----+-----+
.
```

# Documents: Flow diagram(ditaa)



Figure: Image imported using ditaa



`http://org-trello.github.io/trello-setup.html`

- Example:

```
;; ~/.emacs.d/.trello/USERNAME.el  
(setq org-trello-consumer-key "abc..."  
      org-trello-access-token "def...")
```

# Connect to the Trello board

```
(use-package org-trello
  :ensure t
  :config
  (custom-set-variables '(org-trello-files
                          ('("~/trello/myboard.org")))))
```



# Presentation: L<sup>A</sup>T<sub>E</sub>X Beamer

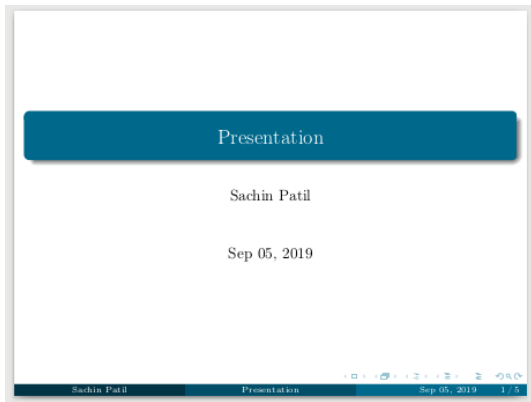


Figure: Beamer Presentation

[https://opensource.com/article/18/4/  
how-create-latex-documents-emacs](https://opensource.com/article/18/4/how-create-latex-documents-emacs)

# Presentation: Reveal.js

- <https://github.com/yjwen/org-reveal>
- <https://opensource.com/article/18/2/how-create-slides-emacs-org-mode-and-revealjs>

- <https://github.com/takaxp/org-tree-slide>

# Version control: magit

- <https://magit.vc/>
- <https://opensource.com/article/19/1/how-use-magit>

- <https://gitlab.com/pidu/git-timemachine>

# Agenda: org-agenda

```
(setq org-agenda-files '("~/agenda/work/work.org"  
                          "~/agenda/todo/read.org"  
                          "~/agenda/todo/todo.org"))
```

# Agenda: org-agenda

```
(setq org-capture-templates
'(("t" "Todo" entry
  (file+headline "~/agenda/todo/todo.org" "Tasks")
  "* TODO %i%?\n %U\n %a")
 ("n" "Notes" entry
  (file+headline "~/agenda/notes.org" "Notes")
  "* %A%?\n %U")
 ("i" "Insights" entry
  (file+headline "~/agenda/work/work.org" "Insights")
  "* %u%?")))
```

- `https://gitlab.com/psachin/emacs.d/blob/master/mytime.org`
- `https://emacs.cafe/emacs/orgmode/gtd/2017/06/30/orgmode-gtd.html`

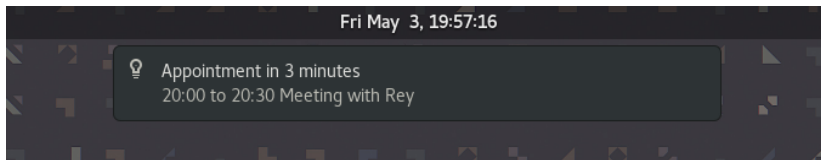


Friday

20:10 to 20:30 Meeting with Rey

21:30 to 24:30 FSF IRC meeting

# Desktop Notification



https:

`//psachin.gitlab.io/emacs_diary_desktop_notification.html`

- Man pages: M-x man
- Terminal: M-x eshell
- File browser: Dired mode
- grep: M-x grep

- <https://orgmode.org/worg/org-tutorials/org-jekyll.html>

```
(require 'ox-publish)
(setq org-publish-project-alist
  '(
    ;; ... add all the components here (see below)...
  ))
```

- <https://orgmode.org/worg/org-tutorials/org-publish-html-tutorial.html>
- <https://gitlab.com/psachin/psachin.gitlab.io/blob/master/publish.el>

- M-x snake
- M-x tetris
- M-x doctor
- ...

# Programming?

- Support to all major programming languages
- Syntax coloring etc.

Questions?

<https://psachin.gitlab.io>

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Made with Love, GNU Emacs & Orgmode