

Rails development in Emacs

Jacob Poulsen Tjørnholm
chopmo@gmail.com
<http://chopmo.myopenid.com>

Overview

- Emacs intro
- Built-in Ruby mode
- Rails support

Emacs Intro

- It is huge, can do everything
- Very steep learning curve
- Main competitor to VIM
- Current stable version: 23.x

Basic Emacs-fu

- Take the time to learn new habits
- Constantly improve your skills
- Notice what is taking too long and fix it
- Learn a million shortcuts
- Customize to suit you

Productivity

- Consequence of improving workflow:
 - Days of inconvenience
 - Years of increased productivity

Productivity boosters

Example I: Movement

- Right: C - f
- Left: C - b
- Up: C - p
- Down: C - n
- Page up: M - v
- Page down: C - v
- Enter: C - j

Cost: About two days

Productivity boosters

Example 2: Ctrl placement



Cost: About one day

Productivity boosters

Example 3: Do you use numbers or symbols most?

SWAP



Cost: 4-5 days

ido-mode

- ido = “interactive do” things
- Find files
- Switch buffers
- Find methods: ido-goto-symbol (**C - t**)

Self-documenting

- Show current bindings: **C-h b**
- Show bindings starting with prefix:
<prefix> C-h
- Show key binding: **C-h c <key>**
 - With full help: **C-h k <key>**

Ruby/Rails

ruby-mode

- Created my Matz
- Part of Emacs since 1994

```
def set_timezone
  Time.zone = logged_in? ? current_user.time_zone : @settings.time_zone
end

def get_layout_vars
  @users_online = User.online
  @users_newest = User.last
  @event_reminders = Event.reminders
end

def update_online_at
  return unless logged_in?
  session[:online_at] = current_user.online_at.utc if current_user.online_at.utc + 10.minutes < Time.now.utc
  current_user.update_attribute(:online_at, Time.now.utc)
end

def current_action
```

ruby-mode

- Syntax highlighting
- Indention
- Move by method: **C-M-n** and **C-M-p**
- Inferior Ruby mode integration

Rails support

- Careful: Lots of abandoned projects
- Starting point: <http://www.emacswiki.org/emacs/RubyOnRails>

Rinari

Intro

- One of several options
- Rinari = “Rinari is not a rails IDE” (bah..)
- Seems to be:
 - Started by Phil Hagelberg
 - Now maintained by Eric Schulte

Rails: Rinari

Features

- Binding prefix: **C-c ;**
- Navigation: **C-c ; f <type>**
- Run webserver: **C-c ; w**
- Documentation: <http://rinari.rubyforge.org/index.html>
- Related: nXhtml

Git support

- egg (<http://github.com/bogolisk/egg>)
- Other option: Magit

Links

- EmacsWiki: <http://www.emacswiki.org/>
- My tips: <http://chopmode.wordpress.com/category/emacs/>