For beginners

```
5    has_many :comments
6  end
```

```
 2    require 'rails_helper'
 3  RSpec.describe Message, type: :model do
 4    subject { Message.new(params) }
 5
 6    context 'when params are valid' do
 7      let(:params) { { title: 'My Emacs Message', body: 'fo
 8
 9      it { expect(subject).to be_valid }
10    end
11
12    context 'when params are invalid' do
13      let(:params) { { title: '', body: '' } }
14
15      it { expect(subject).to be_invalid }
16    end
17  end
```

`387    doom-emacs-demo/spec/models/message_spec.rb  2:0 All`

`129    doom-emacs-demo/app/models/message.rb  7:0 All 🚀    Ruby 2.7.3`

```
-*- mode: rspec-compilation; default-directory: "~/doom-emacs-demo/" -*-
RSpec Compilation started at Wed Sep 22 13:44:27

bundle exec rspec --options /home/otavio/doom-emacs-demo/.rspec /home/otavio/doom-emacs-demo/spec/models/message_spec.rb

..

Finished in 0.01338 seconds (files took 0.47858 seconds to load)
2 examples, 0 failures

RSpec Compilation finished at Wed Sep 22 13:44:27
```

BEST COMMANDS FOR DAILY USAGE - ROR DEVELOPMENT

Config: https://github.com/otavioschwanck/doom-emacs-on-rails

Learn vim before start

First, You have to learn the basics of Vim:

$ sudo apt install vim

$ vimtutor

―

UNDERSTANDING COMMANDS:

C = CONTROL. EXAMPLE: C-O = CTRL+O

M = ALT. EXAMPLE: M-O = ALT + O

S = SHIFT.

FILE NAVIGATION

Generic Buffer (file) change

SPC ,	Change Buffer
C-,	Previous Buffer
C-;	Next Buffer
SPC SPC	Find Files in project
SPC .	Find File (cur dir)

Rails Navigation

SPC r m	Find Model
SPC r a	Find Locales
SPC r z	Find Serializer
SPC r v	Find View
SPC r V	Find View (current resource)
SPC r c	Find Controller
SPC r s	Find Service
SPC a	Go to test*
SPC A	Go to test and vsplit*

*upper case is always for
    current resource

Go-to

gd	Go to definition
gD	Go to usages (reference)
gf	Go to file
gr	Go to route Ex: (foo_path)

SEARCH / JUMP ON FILE

On Current Line

f	go to character (1)
S	go to character (2)
0	go to first character of line
-	go to end of line
w and **W**	jump 1 word (start) (W jumps higher)
e and **E**	jump 1 word (end) (E jumps higher)
b and **B**	jump -1 word (start) (B jumps higher)
t	go to before character(1)

*you can keep pressing f or t or s to repeat the search

*f, s and t can be used backwards using uppercase

On Current File

/	Search Forward
?	Search Backward
n and N	Go forward and backward (search)
SPC s s	Advanced search on current file
SPC s i	Search symbols / defs on current file
#	Search word at cursor at current file
C-s	Search and jump using two characters
gg	First line of file
G	Last line of file
20G	Go to line 20
]g and **[g**	Next / Previous git change
]] and **[[**	Next / Previous method definition
]) and **[)**	Next / Previous parenthesis
]} and **[}**	Next / Previous brackets
C-j and **C-k**	Next / Previous section

ENTERING ON INSERT MODE

On Current Line

i	Enter on insert mode
a	Enter on insert mode after point
I	Enter on insert mode at beg of line
A	Enter on insert mode at end of line
V then A	Add text at end of line at all selected
V then I	Add text at beg of line at all selected

SEARCH GLOBALLY

On Project

SPC s p	Search text on Project
SPC s d	Search text on current dir
SPC *	Search item at cursor on project
M-x find-dired	Grep search files on project

Other

SPC f P	Private doom emacs files
C-o	Return to last jump
C-i	Go forward on jump
SPC f r	Find Recent Files

FILE EDITING

Current File

SPC f D	Delete current file
SPC f Y	Copy current file path
SPC f R	Rename / Move current File
\ or ç or SPC f s	Save file

COPY DELETE AND PASTE

Intro

To use one of the operators, call the **operator** + the **motion.** **Example: Delete a word = dw**

The operators

d   Delete (Cut)
c   Delete (Cut) and enter on insert mode
y   Copy
p and P Paste before | Past e after cursor
C-p   *after pasting* Navigate on copy history
M-y   Search on copy (yank) history (and paste)

Selecting

To start selecting something, press **v.** To line select, press S-**V.** To block select, press **C-v.**

After you done selecting what you want, you can:

d or **y** or **c** Execute the operator action
S   Add delimitator to selection. Example:
              S) = (selection)   S(= (selection)
              S] = [selection]   S[= [selection]
              S" = "selection"
              St<emacs> = <emacs>selection</emacs>

COOL STUFF WITH OPERATORS

Before read:

lets call the operators **(d, y or c): OP**

Hidden goodies

OP OP	Do the operator on current line. Ex: dd
4 OP OP	Do the operator on 4 lines. Ex: 4dd
ds	Delete the delimiter. Ex: ds" Delete ""
OP io	Operator on thing at point
OP ij	Operator on current identation
OP i)	Operator inside ()
OP i"	Operator inside ""
OP i]	Operator inside []
OP it	Operator inside tag
OP ii	Operator inside identation
UPPERCASE OP	Operator from point to end of line
DT OP	Operator from point to before char
DF OP	Operator from point to char
OP ia	Operator in argument

*every command with **i** can be used with **a** (but the action includes the delimiters

Text: my_var = (i love doom emacs)
di) => my_var = ()
dai => my_var =

RUNNING STUFF

Basic Stuff

SPC v	Toggle Quick Terminal
SPC o T	Open a new terminal
SPC e	Open tree (Prefer **SPC .** over tree)
SPC m k k	Run a rake task
SPC m b i	Run bundle install
SPC =	Run rubocop on current file
SPC -	Indent current file
SPC m P	Run rubocop on project
SPC r r	Rails Console
SPC r R	Rails Server

Tests

SPC t v	Run tests of current file
SPC t a	Run all tests
SPC t r	Rerun last test
SPC t l	Run only failures of last test
SPC t s	Run tests on cursor

AWESOME TIPS

Multiple Cursors

M-d   Start multiple cursors (keep pressing)
M-S-d   Find item of multiple cursor on top
C   Edit in all cursors

Search and Replace in entire project

SPC s p   Search On Entire Project
C-c C-e   Edit search result

After this, you can edit all search results like a single file. To confirm, press **C-c C-C.** To cancel, **C-c C-k**

*You can use multiple cursors or :%s/old_text/new_text/gr to change

Rename multiple files on project

M-x find dired Search with grep the files. To match all **foo rb** files by example, run with with -name "foo*.rb".
C-c C-e   Edit search resuls

After this, you can edit all search results like a single file. To confirm, press **C-c C-C.** To cancel, **C-c C-k**

WINDOW MANAGEMENT

Window Actions

C-w v	Divide verically
C-w s	Divide horizontally
C-w o	Maximize Window
C-w C-u	Undo Windows Alteration
C-w C-r	Redo Windows Alteration
C-w =	Balance Windows
C-w T	Detach Window
C-w q	Close Window

Windows Moviment

M-o	Go to next window
C-SPC	Go to next windows (using letters)
M-h	Go to window on left
M-j	Go to window on bottom
M-k	Go to window on top
M-l	Go to window on right

RUBY REFACTORING

Refactoring like a pro

SPC m i	Toggle if unless (single / multi line)
SPC m m	Move selected text to a new method
SPC m n	Create a method from text in cursor
SPC m [	Toggle do end => { } and vice-versa
SMC m v	Move selected text to a new variable
SPC m V	Move selected text to a constant
C-x C-a	Add Route at point
C-c s	Add http code at point (humanized)

Using Snippets + Auto Complete

Tab	Next item on autocomplete
S-Tab	Previous item on autocomplete
C-o	Start snippet / go forward on snippet
	Example: def<C-o> = def my_method(args)
	end
C-S-o	Go back on snippet selection
C-d	Delete select text (while on snippet)
C-p	Complete text from all buffers

Using Emmet (create methods and tags)

C-e   Toggle emmet

```
On ruby: init@name;call@values<C-e> =
def initialize(name)
  @name = name
end

def call(values)
  | cursor here
end

On web-mode: .name>li.item*3<C-e>=
<div class="name">
  <li class="item"></li>
 <li class="item"></li>
 <li class="item"></li>
</name>
```