

VIM 分享

Author：金圆

Date：2020/11/12



Agenda

- VI & VIM
- Basic
- Quick Start
- Plugin
- ShowTime

Vim”现在是“改进版 Vi”的缩写

Bram Moolenaar



Bill Joy



Basic

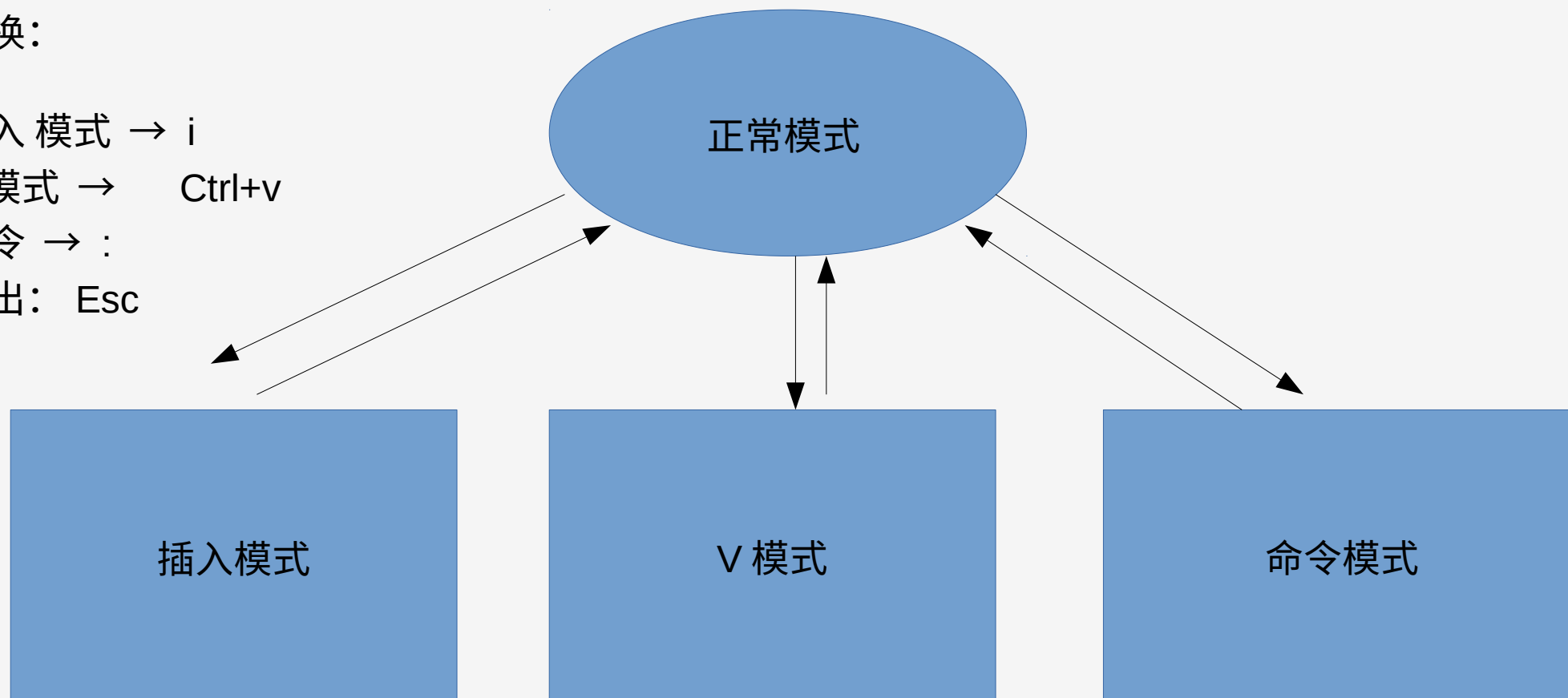
切换：

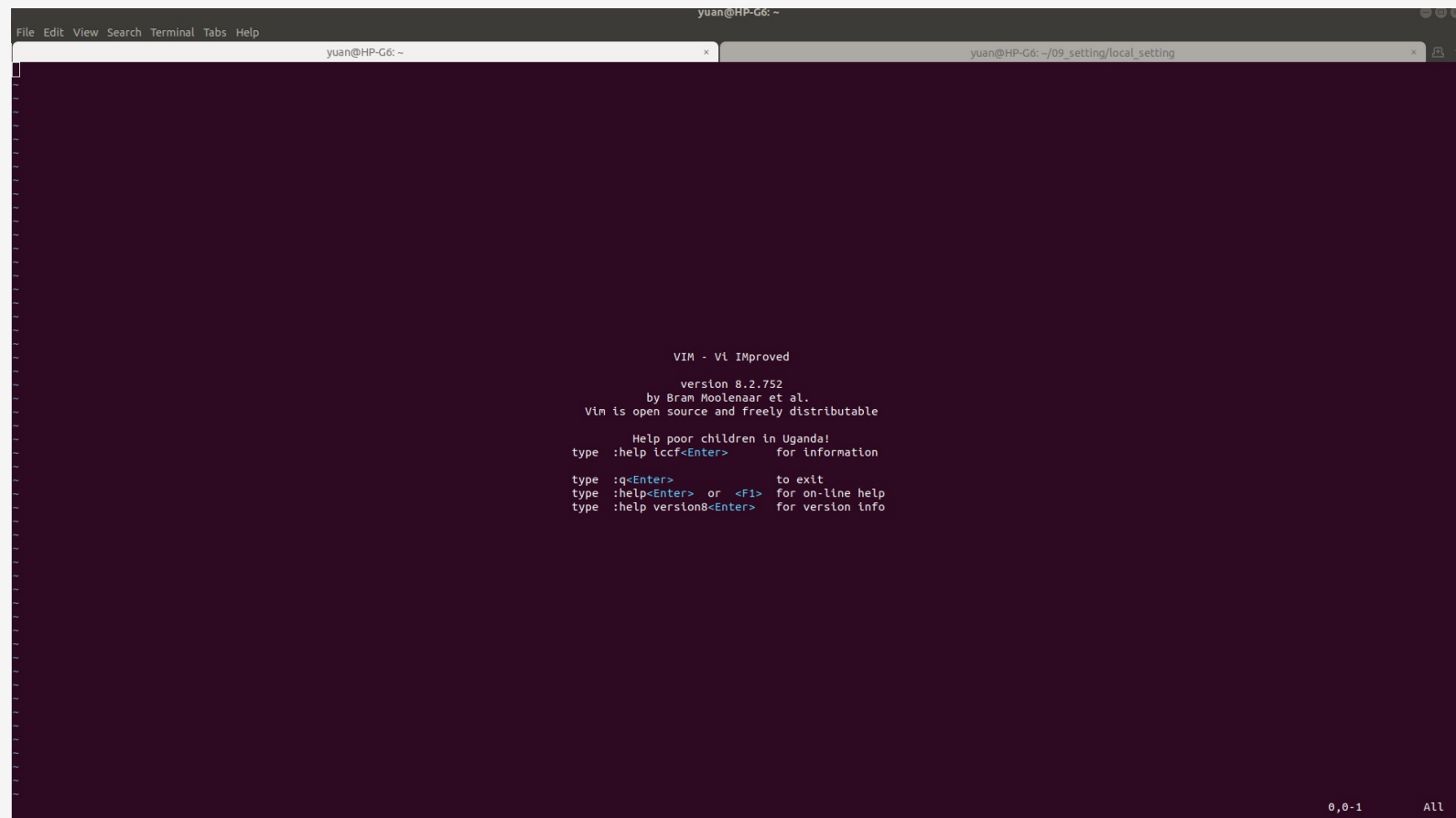
插入 模式 → i

V 模式 → Ctrl+v

命令 → :

退出: Esc






```
File Edit View Search Terminal Tabs Help
yuan@HP-G6: ~

s ... Switch between publish and drafts
d ... Delete current post
w ... Write new post
RET ... Open current post
r ... Refresh blog-admin

| Date | Publish | Title |
+-----+-----+-----+
| 2016-01-31 | NO | 给你的 ELisp 项目写测试 | |
| 2016-01-31 | YES | 在 emacs 中写博客 |
| 2016-01-30 | YES | 从 hexo 迁移到 org-page |
| 2016-01-24 | YES | 利用 Vagrant 搭建 Windows 下的 Unix 环境 |
| 2015-12-23 | YES | [Leetcode]Longest Valid Parentheses |
| 2015-12-20 | YES | [Leetcode]Minimum Path Sum |
| 2015-12-19 | YES | 在 hexo 中无痛使用本地图片 |
| 2015-11-17 | YES | 在 hexo-org 中使用 org-octopress |
| 2015-11-16 | YES | 摆脱 hexo-front-matter |
| 2015-11-15 | YES | 完整特性的 hexo-renderer-org |
| 2015-11-13 | YES | 外部调用 Emacs 渲染 orgmode |
| 2015-11-07 | YES | |cleanjs (一) : 词法分析 |
| 2015-11-06 | YES | [Leetcode]Decode Ways |
| 2015-11-05 | YES | [Leetcode]Generate Parentheses |
| 2015-11-05 | YES | [Leetcode]Rectangle Area |
| 2015-11-02 | YES | 完美解决 Mac 下 Vim/Emacs 的输入法切换问题 |
| 2015-11-01 | YES | [Leetcode]Find Peak Element |
| 2015-11-01 | YES | 优雅地同步 dotfiles:mockup |
| 2015-10-31 | YES | [Leetcode]Summary Ranges |

1 % 1.5k *Blog* Blog a|K utf-8 | 11: 1 Top
```

```
vim
- rack/
+ auth/

49 "rack.run_once" => false,
50 }
51
52 def initialize(app)
53   @app = app
54 end
55
56 def get(uri, opts={}) request("GET", uri, opts) end
57 def post(uri, opts={}) request("POST", uri, opts) end
58 def put(uri, opts={}) request("PUT", uri, opts) end
59 def patch(uri, opts={}) request("PATCH", uri, opts) end
60 def delete(uri, opts={}) request("DELETE", uri, opts) end
61 def head(uri, opts={}) request("HEAD", uri, opts) end
62 def options(uri, opts={}) request("OPTIONS", uri, opts) end
63
64 def request(method="GET", uri="", opts={})
65   env = self.class.env_for(uri, opts.merge(method => method))
66
67   if opts[:lint]
68     app = Rack::Lint.new(@app)
69   else
70     app = @app
71   end
72
73   errors = env["rack.errors"]
74   status, headers, body = app.call(env)
75   MockResponse.new(status, headers, body, errors)
76 ensure
77   body.close if body.respond_to?(:close)
78 end
79
80 # For historical reasons, we're pinning to RFC 2396. It's easier for users
81
ee.1 NORMAL BR: master | lib/rack/mock.rb unix | utf-8 | ruby 34% LN 68 (Name) mock.rb

prt | path ~/Development/Ruby/rack
```


File Edit View Search Terminal Tabs Help

yuan@HP-G6: ~

Blog

s ... Switch between publish and drafts
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2015-11-03	YES	cleanjs (一) : 词法分析
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2015-11-01	YES	[[Leetcode]Generate Parentheses
2015-10-31	YES	[[Leetcode]Rectangle Area
2015-10-30	YES	完美解决 Mac 下 Vim/Emacs 的输入法切换问题
2015-10-29	YES	[[Leetcode]Find Peak Element
2015-10-28	YES	优雅的同步 dotfiles:mockup
2015-10-27	YES	[[Leetcode]Summary Ranges

Blog a|K

utf-8 | 11: 1 Top

rack/
auth/

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```
49  "rack.run_once" => false,  
50  }  
51  
52  def initialize(app)  
53    @app = app  
54  end  
55  
56  def get(uri, opts={}) request("GET", uri, opts) end  
57  def post(uri, opts={}) request("POST", uri, opts) end  
58  def put(uri, opts={}) request("PUT", uri, opts) end  
59  def patch(uri, opts={}) request("PATCH", uri, opts) end  
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64  def request(method="GET", uri="", opts={})  
65    env = self.class.env_for(uri, opts.merge(:method => method))  
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67    if opts[:lint]  
68      app = Rack::Lint.new(@app)  
69    else  
70      app = @app  
71    end  
72  
73    errors = env["rack.errors"]  
74    status, headers, body = app.call(env)  
75    MockResponse.new(status, headers, body, errors)  
76  ensure  
77    body.close if body.respond_to?(:close)  
78  end  
79  
80  # For historical reasons, we're pinning to RFC 2396. It's easier for users
```

ee.1 NORMAL BR: master | lib/rack/mock.rb unix | utf-8 | ruby 34% LN 68 (Name) mock.rb

prt | path ~/Development/Ruby/rack

0,0-1 All

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```
#include <unistd.h>  
#include <stdlib.h>
```

```
int main(){
```

```
    int val1 = 100;  
    int val2 = 200;  
    int va  
    val [10]  
    val1 [10]  
    val2 [10]  
    ret val2 [10]
```

11,8-15

All

11test.c [*]

/home/zz/code/c

-- INSERT --

2013/3/11 16:27:23

```
File Edit View Search Terminal Tabs Help
<Prev Today Next>
2013/2<Feb>
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3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28

2013/3<Mar>
Su Mo Tu We Th Fr Sa
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3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31

2013/4<Apr>
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13

Calendar
G:\Users\rexdf Tag_List a.cpp
```

" Press ? for help

```
.. <up a dir>
/Users/rexdf/
+Adobe Flash Builder 4.6/
+AppData/
+Application Data/
+Contacts/
+Cookies/
+Desktop/
+Documents/
+Downloads/
+Favorites/
+Links/
+Local Settings/
+Music/
+My Documents/
+NetHood/
+Pictures/
+PrintHood/
+Recent/
+Saved Games/
+Searches/
```

" Press <F1> to display help

```
a.cpp G:\Users\rexdf
1 struct
2 haha
3
4 function
5 test
6 test
7 main
```

```
1 #include <iostream>
2 #include <cstdio>
3 #include <cstdlib>
4 #include <vector>
5
6 using namespace std;
7 int test()
8 {
9     system("pause")
10 }
11 int test(int a)
12 {
13     cout<<"Error!"<<
14     endl;
15 struct haha{
16     int a;
17     int b;
18 };
19 int main()
20 {
21
```

Unix 环境

无法切换问题

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```
49 "rack.run_once" => false,
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51
52 def initialize(app)
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77   body.close if body.respond_to?(:close)
78 end
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81
```

MockRequest : class
FatalWarning : class
[Methods]
flush
puts
string
write
FatalWarning : class
get* : class
[Methods]
post
[Methods]
get
initialize

ee.1 NORMAL BR: master | lib/rack/mock.rb unix | utf-8 | ruby 34% LN 68 (Name) mock.rb

prt | path ~/Development/Ruby/rack

0,0-1 All

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```
11test.c
Press ? for help
.. (up a dir)
/home/zz/code/c/
d1/
d2/
d3/
d4/
func_build/
state_coding/
1.cpp
11test.c
2.cpp
myhead.h
test_py.py
```

```
int main(){
    int val1 = 100;
    int val2 = 200;
    int va
    val [10]
    val1 [10]
    val2 [10]
    ret val2 [10]
}
```

11test.c [..]

11,8-15 All

INSERT --

2013/3/11 16:27:23

```
File Edit View Search Terminal Tabs Help
<Prev Today Next>
2013/2(Feb)
Su Mo Tu We Th Fr Sa
1 2
3 4 5 6 7 8 9
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17 18 19 20 21 22 23
24 25 26 27 28

2013/3(Mar)
Su Mo Tu We Th Fr Sa
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
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2013/4(Apr)
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13

Calendar
G:\Users\rexdf
Tag_List
a.cpp
1 #include <iostream>
2 #include <stdio>
3 #include <stdlib>
4 #include <vector>
5
6 using namespace std;
7 int test()
8 {
9     system("pause")
10 }
11 int test(int a)
12 {
13     cout<<"Error!"<
14 }
15 struct haha{
16     int a;
17     int b;
18 };
19 int main()
20 {
21
```

```
vim
- rack/
- auth/
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24 25 26 27 28

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24 25 26 27 28 29 30
31

2013/4(Apr)
Su Mo Tu We Th Fr Sa
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7 8 9 10 11 12 13

Calendar
G:\Users\rexdf

.. <up a dir>
+Adobe Flash Builder 4.6/
+AppData/
+Application Data/
+Contacts/
+Cookies/
+Desktop/
+Documents/
+Downloads/
+Favorites/
+Links/
+Local Settings/
+Music/
+My Documents/
+NetHood/
+Pictures/
+PrintHood/
+Recent/
+Saved Games/
+Searches/
G:\Users\rexdf

" Press ? for help
" Press <Fi> to display he

a.cpp (G:\Users\rexdf)
struct
haha
function
test
test
main
```

```
~/home/galeki/work/chito/
+app/
+controllers/
|-admin_controller.rb
|-application.rb
|-blog_controller.rb
|-category_controller.rb
|-comment_controller.rb
|-file_controller.rb
|-group_controller.rb
|-link_controller.rb
|-plugin_controller.rb
|-site_controller.rb
|-user_controller.rb
+helpers/
+models/
+views/
+components/
+config/
+db/
+doc/
+lib/
+log/
+public/
+cert/
+flash/
+geshi/
+images/
+javascripts/
+stylesheets/
+themes/
+user_files/
|-404.html
|-500.html
|-dispatch.cgi
|-dispatch.fcgi
|-dispatch.rb
|-getgeshi.php
|-public.tar.bz2
|-robots.txt
+script/
```

```
1 VER = "1.0.3 beta"
2 SECRET = "3fb6f]g6904gtgrg4188a3e[e5e6brt4b0d3255bfef9dew890afdqazx"
3 class ApplicationController < ActionController::Base
4   include ApplicationPlugin
5   @@skin_list = []
6   def admin_authorize
7     return if session[:user_id] && @user = User.find(session[:user_id])
8     if cookies[:p_session_id] && p = PersistentLogin.find_by_uid(cookies[:p_session_id])
9       session[:user_id] = p.user_id
10      @user = User.find(p.user_id)
11      session[:user_name] = @user.name
12      session[:user_nick] = @user.nick
13    else
14      redirect_to(:controller => "user", :action => "index", :subdomain => 'www')
15    end
16  end
17  def root_authorize
18    return if @user.is_root?
19    redirect_to :controller => "user", :action => "index", :subdomain => 'www'
20  end
21 end

~/work/chito/app/controllers/application.rb
20,5

1 class BlogController < ApplicationController
2   before_filter :get_user_and_needed, :except => [:save_comment, :rss, :comments_rss, :plugin_css]
3   before_filter :get_user, :only => [:save_comment, :rss, :comments_rss, :plugin_css]
4   protect_from_forgery :only => [:about], :secret => 'false'
5   include BlogControllerPlugin
6
7   def show
8     @post = @user.articles.find(params[:id])
9     @category = @post.category
10    @comment = Comment.new
11    @writer ||= cookies[:comment_writer]
12    @homepage ||= cookies[:comment_homepage]
13    @comments = @post.comments
14    @previous_post = @post.prev
15    @next_post = @post.next
16    do_something :before_post_show
17    render_skin
18  end
19  def list
20    if params[:tag_name]
```

```
vim
49 "rack.run_once" => false,
50 }
51
52 def initialize(app)
53   @app = app
54 end
55
56 def get(uri, opts={})
57   request("GET", uri, opts)
58 end
59 def post(uri, opts={})
60   request("POST", uri, opts)
61 end
62 def put(uri, opts={})
63   request("PUT", uri, opts)
64 end
65 def patch(uri, opts={})
66   request("PATCH", uri, opts)
67 end
68 def delete(uri, opts={})
69   request("DELETE", uri, opts)
70 end
71 def head(uri, opts={})
72   request("HEAD", uri, opts)
73 end
74 def options(uri, opts={})
75   request("OPTIONS", uri, opts)
76 end
77 end

vim
MockRequest : class
FatalWarning : class
flush
puts
string
write
FatalWarning : class
get* : class
post* : class
[methods]
post
[methods]
get
```

```
11test.c
Press ? for help
.. (up a dir)
/home/zz/code/c/
d1/
d2/
d3/
d4/
func_build/
state_coding/
1.cpp
11test.c
2.cpp
myhead.h
test_py.py

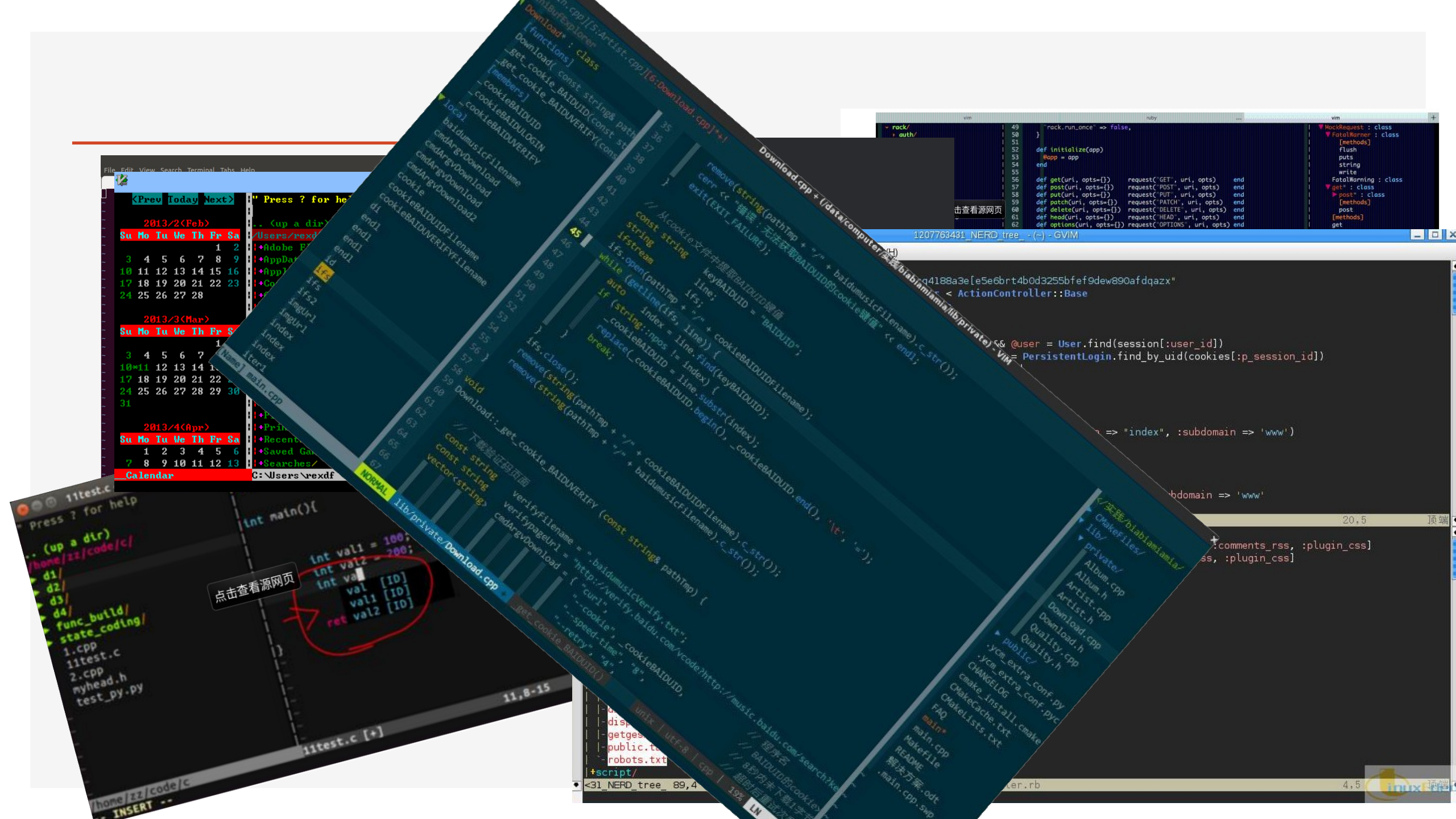
int main(){
int val1 = 100;
int val2 = 200;
int va
val [ID]
val1 [ID]
val2 [ID]
ret val2 [ID]

11test.c [-]
11,8-15

/home/zz/code/c/
-- INSERT --
```

点击查看源网页





正常模式

```
1: vim traning draft.md
42 # vim_traning_draft.md
41 - Maintainer: yuan <eric@email.com>
40 - Created: 2020-10-14
39 - LastChange: 2020-10-14
38 - Version: v0.0.01
37
36 ## syntax
35
34 e.g operation + noun
33 d(elete)
32 w(word)
31 type "dw" continuoustypely
30
29 ### actions in vim
28 - d(elete)
27 - c(hange)
26 - y(ank) means copy
25 - p(aste)
24 - u(ndo)
23 - v(usual select)
22 - > means indent to right
21 - < means indent to left
20
19 - ds (tDelete Surrounding)
18 - cs (Change Surrounding)
17
16 ### nouns in vim
15 ### motion
14 - w (forward by a "word")
13 - b(ack by a "word")
12 - 2j => down 2 lines
11 ### text objects
10 - iw means "inner word"
9 - i" means "inner quotes"
8 - ip means "inner paragraph"
7 - as means "a sentence"
6 - it means "inner tag for HTML"
5 ##### parameterized text objects(search the postion)
4 - f,F
3 - t,T
2 - \
1
43 ##### relativenumber
1 :set relativenumber
2 :set norelativenumber
3
4
5
6 ## repeat last action
7 ...
8 ## just type dot , any question? yes, just type "."
9
NORMAL | master! vim_traning_draft.md
```

插入模式

```
1: vim traning draft.md+
1 # vim_traning_draft.md+
2 - Maintainer: yuan <eric@email.com>
3 - Created: 2020-10-14
4 - LastChange: 2020-10-14
5 - Version: v0.0.01
6
7 ## syntax
8
9 e.g operation + noun
10 d(elete)
11 w(word)
12 type "dw" continuoustypely
13
14 ### actions in vim
15 - d(elete)
16 - c(hange)
17 - y(ank) means copy
18 - p(aste)
19 - u(ndo)
20 - v(usual select)
21 - > means indent to right
22 - < means indent to left
23
24 - ds (tDelete Surrounding)
25 - cs (Change Surrounding)
26
27 ### nouns in vim
28 ### motion
29 - w (forward by a "word")
30 - b(ack by a "word")
31 - 2j => down 2 lines
32 ### text objects
33 - iw means "inner word"
34 - i" means "inner quotes"
35 - ip means "inner paragraph"
36 - as means "a sentence"
37 - it means "inner tag for HTML"
38 ##### parameterized text objects(search the postion)
39 - f,F
40 - t,T
41 - \
42
43 ##### relativenumber
44 :set relativenumber
45 :set norelativenumber
46
47
48
49 ## repeat last action
50 ...
51 ## just type dot , any question? yes, just type "."
52
INSERT | master vim_traning_draft.md[+]
```

V 模式

```
1: vim traning draft.md
13 # vim_traning_draft.md
12 - Maintainer: yuan <eric@email.com>
11 - Created: 2020-10-14
10 - LastChange: 2020-10-14
9 - Version: v0.0.01
8
7 ## syntax
6
5 e.g operation + noun
4 d(elete)
3 w(word)
2 type "dw" continuoustypely
1
14 ### actions in vim
1 - d(elete)
2 - c(hange)
3 - y(ank) means copy
4 - p(aste)
5 - u(ndo)
6 - v(usual select)
7 - > means indent to right
8 - < means indent to left
9
10 - ds (tDelete Surrounding)
11 - cs (Change Surrounding)
12
13 ### nouns in vim
14 ### motion
15 - w (forward by a "word")
16 - b(ack by a "word")
17 - 2j => down 2 lines
18 ### text objects
19 - iw means "inner word"
20 - i" means "inner quotes"
21 - ip means "inner paragraph"
22 - as means "a sentence"
23 - it means "inner tag for HTML"
24 ##### parameterized text objects(search the postion)
25 - f,F
26 - t,T
27 - \
28
29 ##### relativenumber
30 :set relativenumber
31 :set norelativenumber
32
33
34
35 ## repeat last action
36 ...
37 ## just type dot , any question? yes, just type "."
38
V-BLOCK | master! vim_traning_draft.md
```

NORMAL | master! vim_traning_draft.md

markdown utf-8[unix] 188 words 58% 43/73 ln:19

快速入门

syntax

e.g operation + noun

d(elete)

w(word)

type "dw" continuously

actions in vim

- d(elete)
- c(hange)
- y(ank) means copy
- p(aste)
- u(ndo)
- v(visual select)
- > means indent to right
- < means indent to left

- ds (tDelete Surrounding)
- cs (Change Surrounding)

nouns in vim

motion

- w (forward by a "word")
- b(ack by a "word")
- 2j => down 2 lines

text objects

- iw means "inner word"
- i" means "inner quotes"
- ip means "inner paragraph"
- as means "a sentence"
- it means "inner tag for HTML"

parameterized text objects(search the position)

- f,F
- t,T
- \

Plugin

```
Finished. 0 error(s).
[=====]
- vim-translate-me: OK
- mru.vim: OK
- vim-which-key: OK
- vim-preview: OK
- CCTree: OK
- vim-snippets: OK
- cpp.vim: OK
- vim-hug-neovim-rpc: OK
- vim-repl: OK
- tagbar: OK
- vim-autoformat: OK
- DoxygenToolkit.vim: OK
- asynctree.vim: OK
- undotree: OK
- open-browser.vim: OK
- ctrlsf.vim: OK
- vim-markdown: OK
- leaderf: OK
- vim-auto-save: OK
- deoplete.nvim: OK
- genutils: OK
- supertab: OK
- vim-airline-themes: OK
- vim-nerdtree-tabs: OK
- deoplete-clangx: OK
- vim-unimpaired: OK
- vim-airline: OK
- DrawIt: OK
- bufexplorer: OK
- gitv: OK
- nerdtree: OK
- nerdtree-git-plugin: OK
- ultisnips: OK
- vim-fugitive: OK
- vim-dirdiff: OK
- previm: OK
- ZoomWin: OK
- vim-gitgutter: OK
- nvim-yarp: OK
- bufferhint: OK
- tablify: OK
- ale: OK
- jedi-vim: OK (not loaded)
- vim-surround: OK
- vim-multiple-cursors: OK
- auto-pairs: OK
- nerdcommenter: OK
- vimtex: OK
```

vim-airline
Vim-airline-themes
Vim-translate-me
vim-which-key
Vim-tarbar
Vim-auto-save
Vim-fugitive
vim-gitgutter
Deoplete.nvim
Gitv

Show Time

参考

入门推荐： <http://vimcdoc.sourceforge.net/doc/help.html>

插件推荐： <https://vimawesome.com/>

Vim 环境： <https://github.com/sky8336/skyVim>

起源： https://www.sohu.com/a/271050442_156793

Thanks