

# VIM Hacks

Why Vim

Vim 能幫助我們什麼

c9s / Cornelius  
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[AINK.com](http://AINK.com)

編輯器

It doesn't matter

It does matter

好的編輯器帶你上天堂  
差的編輯器帶你住套房

敏捷開發

敏捷

太多

選擇

想當年...  
心 田 年...

年輕不懂事

第一次

# Microsoft Visual Studio



# Eclipse



eclipse

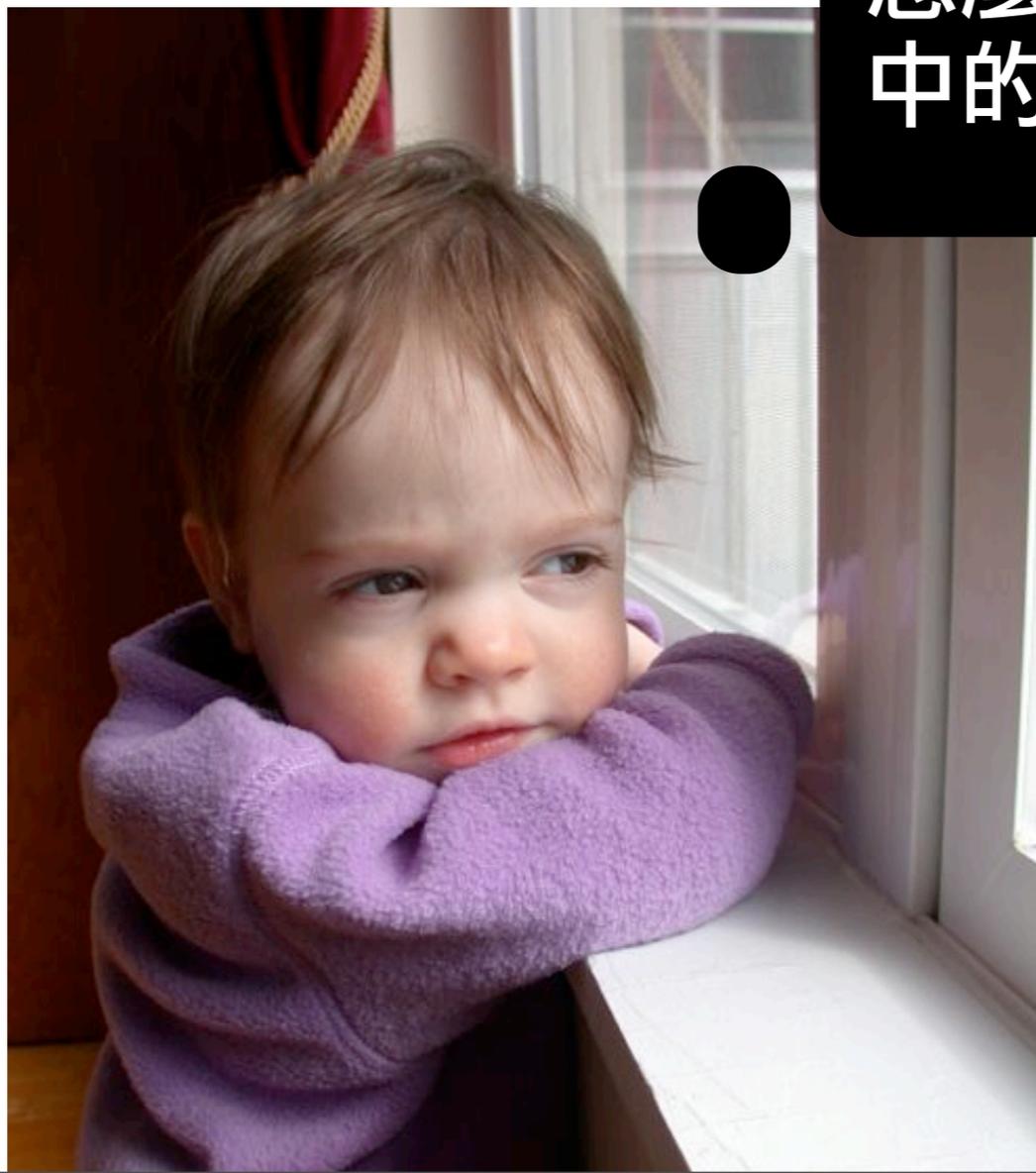
# Code Block



# Notepad++



太多



怎麼都沒有理想  
中的編輯器呢？

鬱卒了....

於是....

- **繼續嘗試其他編輯器**

- **繼續嘗試其他編輯器**
- **花銀子買 IDE , Editor**

- 繼續嘗試其他編輯器
- 花銀子買 IDE , Editor
- 又再寫一個 XXX Editor ..

- 繼續嘗試其他編輯器
- 花銀子買 IDE , Editor
- 又再寫一個 XXX Editor ..
- 又或者....

# 筆記本



自從不用 Microsoft  
Windows 之後 ...

**G**Edi**t**

gedit



Emacs



# TextMate

# VIM





最**糟糕**的

**編輯**方式

```
#!/usr/bin/env perl  
my $happiness = COS::CUP();
```

```
#!/usr/bin/env perl  
my $happiness = COS::CUP(); _
```



**Oops!**

少了“a”

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```



x N

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```



x N

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUPO;
```



x N

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```



x N

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```



x N

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUPC;
```



x N

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP;
```



x N

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```



x N

```
#!/usr/bin/env perl  
my $happiness = COS::CUP();  
                 x N
```

A blue arrow points to the variable `$happiness` in the second line of code.

```
#!/usr/bin/env perl
```

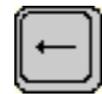
```
my $happiness = COS::CUP();
```



x N

```
#!/usr/bin/env perl
```

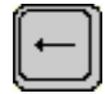
```
my $happiness = COS::CUP();
```



x N

```
#!/usr/bin/env perl
```

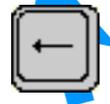
```
my $happiness = COS::CUP();
```



x N

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```

 x N

```
#!/usr/bin/env perl  
my $happiness = COS::CUP();
```

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```

```
#!/usr/bin/env perl  
my $happiness = COS::CUP();
```

一百個類似的狀況？

```
#!/usr/bin/env perl  
my $happiness = COS::CUP();
```

一百個類似的狀況？

糶

浪費時間

移動游標

The **VIM** way...

# VIM:

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```



# VIM:

```
#!/usr/bin/env perl
```

```
my $happiness = COS::CUP();
```

A diagram showing the vim key sequence 'a' followed by 'ppend' followed by 'a'. The 'a' characters are each enclosed in a grey square box, and the word 'ppend' is positioned between them.

**VIMM**

VIM 不是

**IDE**

不是...



**Vim**  
*The VITAL  
Magazine*

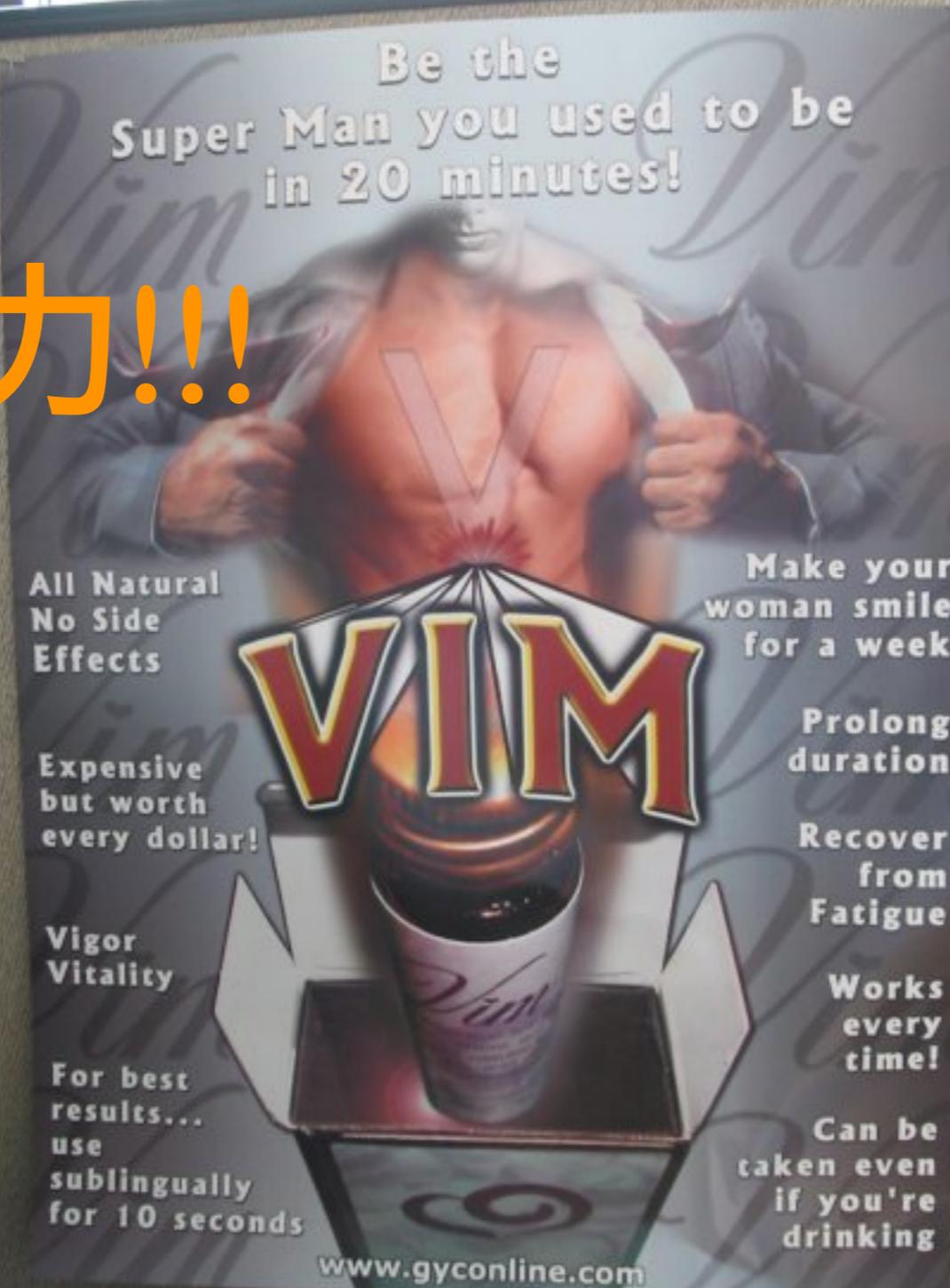
*Edited by  
Roger Eells*

SEPTEMBER  
**15<sup>c</sup>**

也不是...

強而有力!!!

Be the  
Super Man you used to be  
in 20 minutes!



All Natural  
No Side  
Effects

Expensive  
but worth  
every dollar!

Vigor  
Vitality

For best  
results...  
use  
sublingually  
for 10 seconds

Make your  
woman smile  
for a week

Prolong  
duration

Recover  
from  
Fatigue

Works  
every  
time!

Can be  
taken even  
if you're  
drinking

**VIM**

[www.gyconline.com](http://www.gyconline.com)

強而有力!!!

Be the  
Super Man you used to be  
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For best  
results...  
use  
sublingually  
for 10 seconds

Make your  
woman smile  
for a week

Prolong  
duration

Recover  
from  
Fatigue

Works  
very  
quickly  
Can be  
taken even  
if you're  
drinking

**VIM**

[www.gyconline.com](http://www.gyconline.com)

喔喔喔喔!!!

VIM 是

VI Improved

進階

編輯器

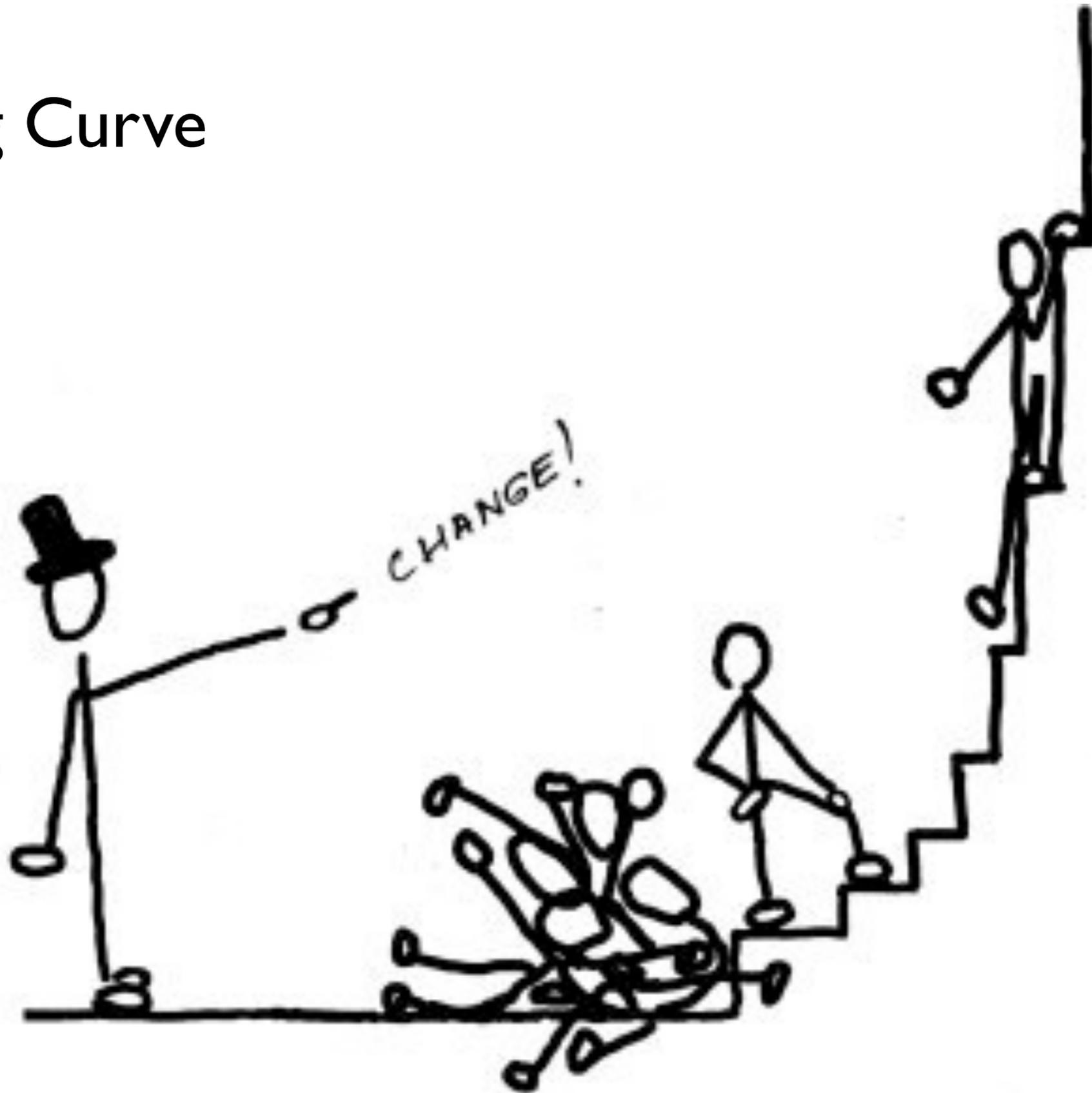
担 高  
挺 向

文字

編輯

效率

# Learning Curve



# 各種 Vim

# 各種 Vim

- Vim

# 各種 Vim

- Vim
- gVim

# 各種 Vim

- Vim
- gVim
- gVim Easy

# 各種 Vim

- Vim
- gVim
- gVim Easy
- MacVim

# 各種 Vim

- Vim
- gVim
- gVim Easy
- MacVim
- Vi in Emacs

# 各種 Vim

- Vim
- gVim
- gVim Easy
- MacVim
- Vi in Emacs
- Vi in Bash

# 各種 Vim

- Vim
- gVim
- gVim Easy
- MacVim
- Vi in Emacs
- Vi in Bash
- etc ...

Features

# I. 編輯模式

Mode

四種以上

編輯模式

**I**NSERT

**N**ORMAL

**V**ISUAL

**S**ELECT

... et cetera

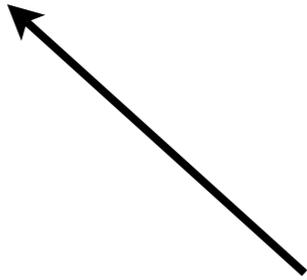
ESC



[Ii]INSERT



NORMAL



[Vv]ISUAL

# 1.1 Normal Mode

**M**otion



# 丟掉方向鍵吧



節省

移動

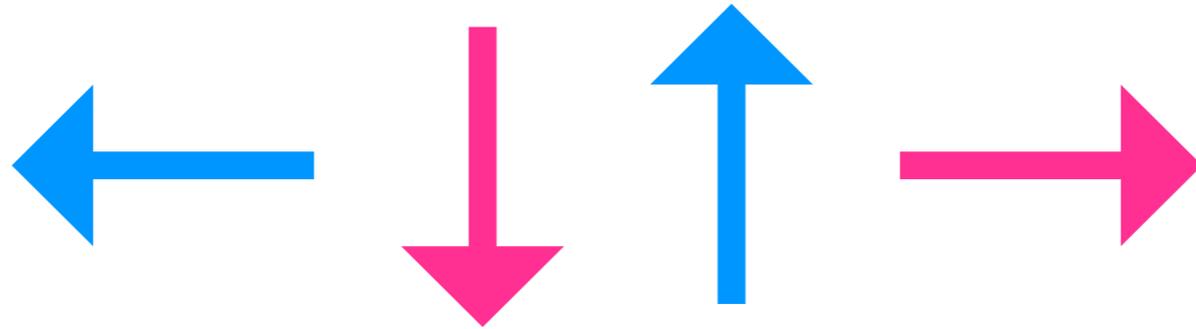
時間

請

愛

用

HIJKL



```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

```
sub func1 {
```

```
}
```

```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

Cursor

```
}
```

```
sub func1 {
```

```
}
```

```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

```
sub func1 {
```

```
}
```



```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

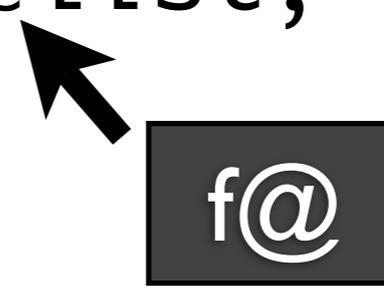
```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

```
sub func1 {
```

```
}
```



f@

```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

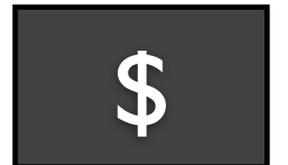
```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

```
sub func1 {
```

```
}
```



```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```



```
sub func1 {
```

```
}
```

# comments ...

H

畫面最上方

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

```
sub func1 {
```

```
}
```

```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```



M

畫面中間行

```
}  
  
sub func1 {
```

```
}
```

```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

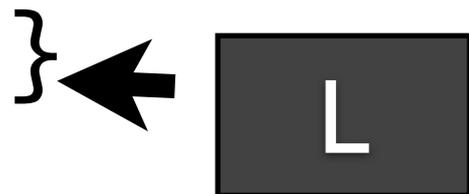
```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

```
sub func1 {
```

```
}
```



畫面最下方

```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

修改至行尾

```
sub func1 {
```

```
}
```

```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep
```

```
}
```

```
sub func1 {
```

```
}
```



並進入 Insert mode

```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

```
sub func1 {
```

```
}
```

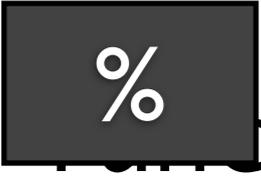
```
# comments ...
```

```
foreach my $foo ( @bar ) {
```

```
    # 做點事情
```

```
    my @outs = grep /pattern/ , @list;
```

```
}
```

```
sub 1 {
```

```
}
```

**:h motion.txt**

# 1.2 Insert Mode

**Editing text**

# Insert Mode

- **i** : Insert text before the cursor

# Insert Mode

- **i** : Insert text before the cursor
- **I** : Insert text before the first non-blank in the line

# Insert Mode

- **i** : Insert text before the cursor
- **I** : Insert text before the first non-blank in the line
- **a** : Append text after the cursor

# Insert Mode

- **i** : Insert text before the cursor
- **I** : Insert text before the first non-blank in the line
- **a** : Append text after the cursor
- **A** : Append text at the end of the line

# 1.3 Visual Mode

Select region

# Visual Mode

- `v` : start Visual mode per character.

# Visual Mode

- `v` : start Visual mode per character.
- `V` : start Visual mode linewise.

# Visual Mode

- `v` : start Visual mode per character.
- `V` : start Visual mode linewise.
- `Ctrl-v` : start Visual mode blockwise.

# Visual Mode

- `v` : start Visual mode per character.
- `V` : start Visual mode linewise.
- `Ctrl-v` : start Visual mode blockwise.

接上 operator 如 `y` (yank) , `d` (delete) , `c` (change) ... etc

# 2. 語法標記

Syntax Highlight Support

```
/opt/local/share/vim/vim72  
$ ls -1 syntax/ | wc -l  
520
```

包含五百多種語法設定檔

可自訂

Syntax

~/ .vim/syntax/[filetype].vim

~/vim/syntax/[filetype].vim

syn match [id] [re] [options]

~/.vim/syntax/[filetype].vim

syn match [id] [re] [options]

syn region [id] start=[re] end=[re]

~/.vim/syntax/[filetype].vim

syn match [id] [re] [options]

syn region [id] start=[re] end=[re]

syn keyword [id] [keyword] ...

~/ .vim/syntax/[filetype].vim

syn match [id] [re] [options]

syn region [id] start=[re] end=[re]

syn keyword [id] [keyword] ...

hi [id] guibg=[color] ctermfg=[color]

**:help syntax.txt**

# 3. 編碼支援

ENCODING

```
:set fencs=utf-8,gbk,big5,euc-jp,utf-16le
```

```
:set fenc=utf-8 enc=utf-8 tenc=utf-8
```

## 設定檔案編碼清單

```
:set fencs=utf-8,gbk,big5,euc-jp,utf-16le
```

```
:set fenc=utf-8 enc=utf-8 tenc=utf-8
```

## 設定檔案編碼清單

Vim 會從第一組編碼開始讀取檔案，若是失敗則會跳下一組編碼讀取檔案

```
:set fencs=utf-8,gbk,big5,euc-jp,utf-16le
```

```
:set fenc=utf-8 enc=utf-8 tenc=utf-8
```

```
:set fencs=utf-8,gbk,big5,euc-jp,utf-16le
```

```
:set fenc=utf-8 enc=utf-8 tenc=utf-8
```

檔案編碼

```
:set fencs=utf-8,gbk,big5,euc-jp,utf-16le
```

```
:set fenc=utf-8 enc=utf-8 tenc=utf-8
```

內部編碼

```
:set fencs=utf-8,gbk,big5,euc-jp,utf-16le
```

```
:set fenc=utf-8 enc=utf-8 tenc=utf-8
```

Terminal 編碼

**:help encoding**

# 4. 快捷鍵

Key Mapping

• map

• nmap

• vmap

• imap

• smap

• xmap

... more

:map *(all)*

:nmap *(normal mode)*

:vmap *(visual mode)*

:imap *(insert mode)*

:smap *(select mode)*

:xmap *(visual , select mode)*

... more

:map *(all)*

:nmap *(normal mode)*

★ 最常用

:vmap *(visual mode)*

★ 最常用

:imap *(insert mode)*

★ 最常用

:smap *(select mode)*

:xmap *(visual , select mode)*

... more

```
:nmap <C-c><C-c> :!gcc -Wall % -o %:r.out<CR>
```

Ctrl

C

Ctrl

C

呼叫 GCC 編譯現在編輯的檔案  
並將輸出檔名命名為現在檔案名稱並取代副檔名為 .out

# Normal Mode 時，可用 Tab 及 Shift-Tab 做縮排

nmap <tab> v>

nmap <s-tab> v<

vmap <tab> >gv

vmap <s-tab> <gv

nmap <tab> v>

nmap <s-tab> v<

vmap <tab> >gv

vmap <s-tab> <gv

Visual/Select Mode 時，也可用 Tab 及 Shift-Tab 做縮排

nmap

<tab> v>

nmap

<s-tab> v<

vmap

<tab>

vmap

<s-tab>

When mappings and menus are defined with the |:vmap| or |:vmenu| command they work both in Visual mode and in Select mode. When these are used in Select mode Vim automatically switches to Visual mode, so that the same behavior as in Visual mode is effective.

Visual/Select Mode 時，也可用 Tab 及 Shift-Tab 做縮排

```
imap <F2> <C-R>=strftime("%c")<CR>
```

**在 Insert Mode 時，按下 F2 會插入時間戳記**

```
cmap      <c-a>      <home>
cmap      <c-e>      <end>
cnoremap  <c-b>      <left>
cnoremap  <c-d>      <del>
cnoremap  <c-f>      <right>
cnoremap  <c-n>      <down>
cnoremap  <c-p>      <up>

cnoremap  <esc><c-b> <s-left>
cnoremap  <esc><c-f> <s-right>
```

讓 Command Mode 也有 Bash 的 Key Binding

**:h map.txt**

# 5.文字物件

TEXT OBJECT

# Text Object

- word
- string
- paragraph
- block



action  
(yank, delete, change ...etc)

# Operator Mapping

v | c | d

i | a

{ | [ | ( | “ | ‘

visual  
change  
delete

Operator

Inner Object  
An Object

Region

}

]

)

“ “

“ “

va{

```
char **aliases;
int n_aliases;
int j;
PangoFont *font;

pango_lookup_aliases (family,
                      &aliases,
                      &n_aliases);

if (n_aliases)
{
    for (j = 0; j < n_aliases; j++)
    {
        pango_font_description_set_family_static (desc, aliases[j]);
        font = pango_font_map_load_font (fontmap, context, desc);
        if (font)
            pango_fontset_simple_append (fonts, font);
    }
}
else
{
    pango_font_description_set_family_static (desc, family);
    font = pango_font_map_load_font (fontmap, context, desc);
    if (font)
        pango_fontset_simple_append (fonts, font);
}

static PangoFontset *
pango_font_map_real_load_fontset (PangoFontMap *fontmap,
                                   PangoContext *context,
                                   const PangoFontDescription *desc,
                                   PangoLanguage *language)
{
    PangoFontDescription *tmp_desc = pango_font_description_copy_static (desc);
    const char *family;
```

```
char **aliases;
int n_aliases;
int j;
PangoFont *font;

pango_lookup_aliases (family,
                    &aliases,
                    &n_aliases);

if (n_aliases)
{
    for (j = 0; j < n_aliases; j++)
    {
        pango_font_description_set_family_static (desc, aliases[j]);
        font = pango_font_map_load_font (fontmap, context, desc);
        if (font)
            pango_fontset_simple_append (fonts, font);
    }
}
else
{
    pango_font_description_set_family_static (desc, family);
    font = pango_font_map_load_font (fontmap, context, desc);
    if (font)
        pango_fontset_simple_append (fonts, font);
}

static PangoFontset *
pango_font_map_real_load_fontset (PangoFontMap *fontmap,
                                PangoContext *context,
                                const PangoFontDescription *desc,
                                PangoLanguage *language)
{
    PangoFontDescription *tmp_desc = pango_font_description_copy_static (desc);
    const char *family;
```



**function ( blah , blah )**



**function ( )**



**function ( new\_args )**

“Hello World”



“”



“Hello New World”

# 6. 分頁支援

TAB PAGES

l/Jifty.pm l/J/M/Tutorial\_zhtw.pod l/J/M/Actions.pod

1 =encoding utf8

2

3 =head1 NAME

4

5 Jifty::Manual::Tutorial - Jifty 從零開始

6

7 =head1 DESCRIPTION

8

9 這份教學文件將提供建構第一個 jifty 應用程式所需要的技巧。

10

11 =cut

12

13 =head1 HOW TO

14

15 =head2 The requirements

: tabnew

: tabnew

: tabedit path/to/file

: tabnew

: tabedit path/to/file

: tabfind path/to/file

**:help tabpage.txt**

# 7. 程式碼折疊

FOLDS

FOLD IS

```
346
347 +--- 5 lines: =head2 web-----
352
353 +--- 3 lines: sub web {-----
356
357 +--- 5 lines: =head2 subs-----
362
363 +--- 3 lines: sub subs {-----
366
367 +--- 5 lines: =head2 bus-----
372
373 sub bus {
374     my $class = shift;
375     my %args = ( connect => 1, @_ );
376     if (not $PUB_SUB and $args{connect}) {
377         my @args;
378
379         my $backend = Jifty->config->framework('PubSub')->{'Backend'};
380         if ( $backend eq 'Memcached' ) {
381             require IO::Socket::INET;
382
383             # If there's a running memcached on the default port. this
384             if ( IO::Socket::INET->new('127.0.0.1:11211') ) {
385                 @args = ( Jifty->app_instance_id );
386             } else {
387                 $backend = 'JiftyDBI';
388             }
389         }
390     }
```

# Fold Methods

# Fold Methods

## Syntax Fold

# Fold Methods

## Syntax Fold

```
:set foldmethod=syntax
```

以程式語言語法做為折疊規則。  
某些特定的設定可以參考  
`$VIMRUNTIME/syntax/*.vim`

# 以 Perl 為例:

`/opt/local/share/vim/vim72/syntax/perl.vim`

```
if exists("perl_want_scope_in_variables")  
“  
    .....  
if exists("perl_extended_vars")  
“  
    .....  
    if exists("perl_fold")  
“  
        .....
```

便可在 `.vimrc` 內設定啟用這些特定的語法標記或折疊 (Fold)

```
let perl_fold = 1  
let perl_extended_vars = 1  
“ ..... etc
```

# Fold Methods

Syntax Fold

Marker Fold

# Fold Methods

Syntax Fold  
Marker Fold

```
:set foldmethod=marker
```

以特定標記作為折疊規則，  
預設是“{{{“ 以及“}}”

```
# fold this {{{  
function do_something {  
  
    echo "COSCUP";  
  
}  
# }}}}
```

# Fold Methods

Syntax Fold

Marker Fold

Indent Fold

# Fold Methods

Syntax Fold

Marker Fold

Indent Fold

```
:set foldmethod=indent
```

以縮排作為折疊規則

# Fold Methods

Syntax Fold

Marker Fold

Indent Fold

Manual Fold

```
:set foldmethod=manual
```

手動建立折疊區塊，  
以 `zf` 鍵建立。

```
autocmd BufWinLeave *.* silent mkview
autocmd BufWinEnter *.* silent loadview
```

利用 autocmd 加上 mkview , loadview 來儲存手動建立的折疊區塊，儲存的折疊會被放在 ~/.vim/view/ 裡頭。

# Fold Methods

Syntax Fold

Marker Fold

Indent Fold

Manual Fold

Expr Fold *(Custom Fold Function)*

```
:set foldexpr=MyFoldLevel(v:Lnum)
```

呼叫自訂的折疊函式

# Fold Methods

Syntax Fold

Marker Fold

Indent Fold

Manual Fold

Expr Fold *(Custom Fold Function)*

Diff Fold

# 8. Modeline & FileType

**Modeline**

```
" vim:fdm=marker:sw=2:ts=2:et:fdl=0:
```

```
" =====
```

```
" Author: Cornelius <  
cornelius.howl{at}gmail{dot}com >
```

```
" vim:fdm=marker:sw=2:ts=2:et:fdl=0:
"
" Author: Cornelius <
cornelius.howl{at}gmail{dot}com >
```

開啟此檔時，使用 Marker 作為折疊，  
縮排為兩個空隔，將 Tab 延展為空白，  
折疊所有的 Fold (Level 0 以上)

**FileType**

~/[.vim/ftplugin/ruby.vim](#)

針對某種檔案類型的設定  
不一定都要寫在 vimrc 內

~/ .vim/filetype.vim

可在 filetype.vim 內定義新的檔案類型。

# 9. 格式化

FORMATTING

**程式碼很亂，怎麼辦？**

**要手動自己排嗎？**

```
:set equalprg=perltidy
```

```
:set equalprg=perltidy
```

**可針對特定區塊重新排列程式碼**

**選擇文字區塊後，按下“=”鍵，可使用外部的 perltidy 程式來做格式化處理。**

```
autocmd FileType perl :set equalprg=perltidy
```

可使用 autocmd 針對檔案類型做  
equalprg 設定

```
autocmd FileType c :set equalprg=indent
```

**開啟 C 程式碼時，使用外部的 GNU Ident 程式來做格式化處理。**

# SQL

```
$ cat bin/sql-beautify.pl
#!/usr/bin/env perl
use warnings;
use strict;
use SQL::Beautify;
local $/;
my $sql = SQL::Beautify->new( query => <STDIN> , spaces =>
4 , break => "\n" );
print $sql->beautify;
```

```
autocmd Filetype sql :set equalprg=sql-beautify.pl
```

開啟 SQL 程式碼時，使用外部的 Filter 來做格式化處理。

# 10. QuickFix

:grep & :make

`:grep [pattern] [filepath]`

**:grep** [pattern] [filepath]

呼叫 grepprg (預設 vimgrep) 執行，並  
將 grep 的結果彙整至 QuickFix

```

59
60 /* Don't overwrite an existing error. This preserves the first
61 * error, which is the most significant. */
62 _cairo_status_set_error (&font_face->status, status);
63
64 return _cairo_error (status);
65 }
66 : cprevious
67 void
68 _cairo_font_face_init (cairo_font_face_t *font_face,
69                       const cairo_font_face_backend_t *backend)
70 {
71     CAIRO_MUTEX_INITIALIZE ();
72
73     font_face->status = CAIRO_STATUS_SUCCESS;
74     CAIRO_REFERENCE_COUNT_INIT (&font_face->ref_count, 1);
75     font_face->backend = backend;

```

cairo-font-face.c

59,0-1

```

5 cairo-font-face.c|69| const cairo_font_face_backend_t *backend)
6 cairo-font-face.c|81| * cairo_font_face_reference:
7 cairo-font-face.c|82| * @font_face: a #cairo_font_face_t, (may be %NULL in which case this
8 cairo-font-face.c|87| * cairo_font_face_destroy() is made.
9 cairo-font-face.c|89| * The number of references to a #cairo_font_face_t can be get using
10 cairo-font-face.c|90| * cairo_font_face_get_reference_count().
11 cairo-font-face.c|92| * Return value: the referenced #cairo_font_face_t.
12 cairo-font-face.c|94| cairo_font_face_t *
13 cairo-font-face.c|95| cairo_font_face_reference (cairo_font_face_t *font_face)
14 cairo-font-face.c|109| slim_hidden_def (cairo_font_face_r

```

[Quickfix List]

QuickFix Window

```
:set grepprg=/path/to/grep
```

設置 grepprg (預設 VIM 內建 grep)

:make

:make

呼叫 makeprg (預設 make) 執行 Makefile. 並以該語言的 compiler output parser 彙整結果。

```
:set makeprg=gmake
```

設置 makeprg (預設 make)

**Result  $\Rightarrow$  QuickFix Window**

: copen

開啟 QuickFix Window

:cclose

關閉 QuickFix Window

: cnext

下一筆 Result

: cprevious

上一筆 Result

# QuickFix Window Toggle

```
com! -bang -nargs=? QFix call QFixToggle(<bang>0)
fu! QFixToggle(forced)
    if exists("g:qfix_win") && a:forced == 0
        cclose
        unlet g:qfix_win
    else
        copen 10
        let g:qfix_win = bufnr("$")
    en
endf
nn      <leader>q :QFix<cr>
```

# QuickFix Window Toggle

```
com! -bang -nargs=? QFix call QFixToggle(<bang>0)
fu! QFixToggle(forced)
  if exists("g:qfix_win") && a:forced == 0
    cclose
    unlet g:qfix_win
  else
    copen 10
    let g:qfix_win = bufnr("$")
  en
endf
nn      <leader>q :QFix<cr>
```

nmap 至 “\q”, <leader> 預設為 “\” 鍵

# 11. 插件

Plugin

# SnipMate

提供類似 TextMate 編輯器的  
程式碼片段完成功能。

```
snippet cla class .. initialize .. end
  class ${1: `substitute(Filename(), '^.', '\u&', '')`}
    def initialize(${2:args})
      ${3}
    end
  end
end
```

自訂常用程式碼樣板

# DBExt.vim

資料庫輔助插件，支援  
Oracle, Sybase, MSSQL ,  
MySQL, DBI 等等

# xml.vim

提供 XML 相關輔助功能，  
如自動補完標籤等等。

# FuzzyFinder.vim

Fuzzy/Partial pattern explorer

# The\_NERD\_TREE.vim

樹狀目錄檔案瀏覽

# The NERD Commenter

註解輔助工具

# taglist.vim

透過 ctags 工具產生程式碼標籤  
並可將 macro , function , variable 等資料整理出來

cscope

C 程式碼追蹤輔助

**auto**complepop.vim

# MRU

most recently used

# bufexplorer.vim

Buffer Explorer

**Rails.vim**

**git-vim**

那麼，怎麼安裝呢？

最原始的作法

**SPONSOR** **VOTE**  
Vim development for features



**BUY** **HELP** **LEARN**  
the Vim book Uganda Vim

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**What is Vim?**

Vim is a highly configurable text editor built to enable efficient text editing. It is an improved version of the vi editor distributed with most UNIX systems. Vim is distributed free as charityware. If you find Vim a useful addition to your life please consider [helping needy children in Uganda](#).

**News** Vim 7.2.245 is the current version

**Visit to Kibaale**

[2009-05-12] Vim comes for free. I do ask you to consider helping Vim's charity, please read on. In April I have visited the Kibaale Childrens Centre. You can read my report, with lots of pictures, [here](#). The new clinic has become very popular. Every day many patients come here for medical help that would otherwise not be available to them. The Kibaale clinic saves lives! This popularity comes at a price. We struggle to pay for all the medicine, salaries of the medical staff, maintenance of equipment, etc. Therefore I have set up [this page](#) for sponsoring a room in the clinic. We need your help! (*Bram Moolenaar*)

**Vim 2009 desktop calendar**

[2008-12-21] The usual Vim desktop calendar is now available for download and printing: <http://www.moolenaar.net/#Calendar>. If you print it on thick paper you can fold it so that it stands on your desk. One side contains a useful 12-month calendar. On the other side there is brief information about ICCF-Holland, Vim and A-A-P. Happy Vimming in 2009! (*Bram Moolenaar*)

- [more news...](#)
- [Get a Vim poster](#)
- [DVD and video about Vim's charity project](#)

**Recent Script Updates** 2,721 scripts, 3,524,650 downloads

- [2009-08-13] [textobj-entire](#) : Text objects for entire buffer  
(0.0.1) - Fix a typo on the name of a variable. - *Kana Natsuno*
- [2009-08-12] [WuYe](#) : A dark background color scheme  
(1.2.1) The final version - *SAM Lee*
- [2009-08-12] [Screen \(vim + gnu screen\)](#) : Start gnu screen w/ your vim session and a split shell + send commands to the sh  
(0.4) - fixed usage in cygwin, which the previous version broke - fixed handling of large amounts of text sent through :ScreenSend (thanks to Tobias Wolf for

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Hard problems, great pay, and the tools you love!  
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Script, Edit, Execute, Explore Free. SQL Server, Sybase, DB2  
[www.sqldbx.com](http://www.sqldbx.com)

## Search for Vim Scripts

on the web and the Vim website:

You can use a regexp pattern, e.g., [go{2}gle](#), [h\[ea\]llo](#). ([more about regexp patterns](#))

on the Vim website only

keywords

type

sort by



## Search Results

Searched scripts for "nerd"

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Script	Type	Rating	Down loads	Summary
<a href="#">The NERD tree</a>	utility	2095	24700	<a href="#">A tree explorer plugin for navigating the filesystem</a>
<a href="#">Source Explorer (srcexpl.vim)</a>	utility	903	4145	<a href="#">A Source code Explorer based on tags works like context window in Source Insight</a>
<a href="#">trinity.vim</a>	utility	98	1480	<a href="#">Build the trinity of srcexpl, taglist, NERD tree to be a good IDE</a>

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## The NERD tree : A tree explorer plugin for navigating the filesystem

**script karma** | Rating **2107/596**, Downloaded by 24786

**created by**  
[Marty Grenfell](#)

**script type**  
utility

**description**  
Grab the latest dev version from github: <https://github.com/scrooloose/nerdtree>.

What is this "NERD tree"??

Check out this demo <http://www.flickr.com/photos/30496122@N07/2862367534/sizes>

The NERD tree allows you to explore your filesystem and to open files and directories. It presents the filesystem to you in the form of a tree which you

package	script version	date	Vim version	user	release notes
<a href="#">NERD tree.zip</a>	3.1.1	2009-06-07	7.0	<a href="#">Marty Grenfell</a>	<ul style="list-style-type: none"><li>- fix a bug where a non-listed no-name buffer was getting created every time the tree window was created, thanks to Derek Wyatt and owen1</li><li>- make &lt;CR&gt; behave the same as the 'o' mapping</li><li>- some helptag fixes in the doc, thanks strull</li><li>- fix an error when using :set nohidden and opening a file where the previous buf was modified. Thanks iElectric</li></ul>

下載套件

### **install details**

\*\*\*NOTE\*\*\*: In version 2.0.0 the script file and help file were renamed to NERD\_commenter.vim and NERD\_commenter.txt.

If you are upgrading from version < 2.0.0 to version >= 2.0.0 then you must delete the old files NERD\_comments.vim and NERD\_comments.txt.

Stick the NERD\_comments.vim in ~/.vim/plugin and NERD\_comments.txt in ~/.vim/doc.

Run :helptags ~/.vim/doc.

Restart vim.

Go :help NERD\_commenter.txt to read the help file.

**閱讀安裝步驟**

### install details

\*\*\*NOTE\*\*\*: In version 2.0.0 the script file and help file were renamed to NERD\_commenter.vim and NERD\_commenter.txt.

If you are upgrading from version < 2.0.0 to version >= 2.0.0 then you must delete the old files NERD\_comments.vim and NERD\_comments.txt.

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Run :helptags ~/.vim/doc.

Restart vim.

Go :help NERD\_commenter.txt to read the help file.

閱讀安裝步驟

太繁瑣!



太繁瑣!



# Vimana



Vim script Manager

- Vimball
- Archive File ( zip , rar )
- .vim file

POWERED BY

Perl

使用 CPAN 安裝 Vimana

```
$ cpan Vimana
```

搜尋

```
$ vimana search xml
```

```
$ vimana search xml
```

```
rrd.vim
```

```
- Edit RRD data with Vim.
```

```
qt.vim
```

```
- tiny tool for the uic used in Qt from
```

```
Trolltech
```

```
syntax-for-xml
```

```
- Highlighting for XML User interface Language.
```

```
maven2.vim
```

```
- Compiler plugin for maven2
```

```
.... skip
```

查詢 script 資訊

```
$ vimana info xml.vim
```

安裝 xml.vim 外掛

```
$ vimana install xml.vim
```

```
$ vimana install xml.vim  
$ vimana install rails.vim  
$ vimana install the-nerd-tree.vim  
$ vimana install taglist.vim  
$ vimana install snipmate  
$ vimana install fuzzyfinder.vim  
etc ...
```

**ALL Works**

# Git Repository

<http://github.com/c9s/Vimana/tree/master>

ENJOY

Thank You

# Demo

如果有時間...

Q & A