

Programming with VIM



To use this template, simply save it as `template.js` and open it in your favorite text editor. If you're using `vim`, type:

```
$ vi template.js
```

And if you're using `emacs`, enter the following:

```
$ sudo apt-get remove emacs  
$ vi template.js
```

Then just place your code between the various `alert` statements and run it to see the

Esc Normal

Revision 2.0
Sept. 11, 2011Vim 7.3+
iteration**Vim Cheat Sheet for Programmers**

| | | | | |
|------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| HOW-TO make Vim not suck Out of the Box: | | set incompatible ruler laststatus=2 showcmd showmode number | Search set incsearch ignorecase smartcase hsearch | Capsoft © 2011 http://michael.peopleofhonoronly.com/vim/ Not for commercial use. Sharing is caring. |
| Best tips: | http://vim.wikia.com/ | Best scripts: http://www.vim.org/scripts/index.php | Remove useless splash screen set shortmess=-1 | |
| Ctrl- C | Ctrl-S | Ctrl-Q | map <FB> :e \$HOME/.vimrc<CR> | |
| - toggle case | extern filter @+ play macros | # prev identifier | map <F6> :so \$HOME/.vimrc<CR> | |
| + goto mark | 1 2 3 | \$ % | begin sentence | Ctrl-0 |
| Tab | 4 5 6 | g soft - & repeat .s | end sentence | Ctrl-1 |
| Caps | 7 8 9 | next identifier | cur line | Ctrl-2 |
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Customizing VIM

1. Plugins: \$HOME/.vim/
2. Configuration: \$HOME/.vimrc

Plugin Management

Vundle

github.com/gmarik/Vundle.vim

```
set nocompatible  
filetype off  
set rtp+=~/.vim/bundle/Vundle.vim  
call vundle#begin()
```

Plugin 'gmarik/Vundle.vim'

```
call vundle#end()  
filetype plugin indent on
```

Colorschemes

vim-colorschemes github.com/flazz/vim-colorschemes

- ▶ Solarized ethanschoonover.com/solarized
- ▶ Lucius

Eyecandy

vim-airline

github.com/bling/vim-airline

Sessions

Usage:

- ▶ :mksession <filename>
- ▶ :source <filename>
- ▶ > vim -S <filename>

Essential configuration:

```
set ssop-=options  
set ssop-=folds
```

Compiler Integration

Usage:

- ▶ Set compiler: :compiler <name>
- ▶ Invoke compiler: :make
- ▶ Quickfix list :clist :cnext :cprev :cclose
- ▶ Location list :llist :lnext :lprev :lcclose

```
if exists("current_compiler")
    finish
endif
let current_compiler = "llvm"

setlocal makeprg=ninja\ -C/scratch/llvm/
    distcc-debug/
setlocal errorformat=<errorformat-string>
```

Spawn Processes

vim-dispatch

github.com/tiago-pereira/vim-dispatch

Usage:

- ▶ Invoke (default) compiler: :Make[!] <args>
- ▶ Invoke compiler: :Dispatch[!] <compiler> <args>
- ▶ Invoke command: :Start[!] <command> <args>

File navigation

CtrlP

github.com/kien/ctrlp.vim

Usage:

- ▶ Invoke fuzzy file navigation: :CtrlP
- ▶ Invoke mru buffer list: :CtrlPMRUFiles

Configuration:

```
let mapleader = " "
nnoremap <Leader>l :CtrlPMRU<CR>
nnoremap <Leader>t :CtrlP<CR>
```

Code Completion

YouCompleteMe github.com/Valloric/YouCompleteMe

Semantic completion for:

- ▶ C, C++, ObjC libclang
- ▶ Python JEDI
- ▶ C# OmniSharp
- ▶ Ruby, PHP, Scala, Java Eclim

Syntax Checking

Syntastic

github.com/scrooloose/syntastic

Source Code Management

vim-fugitive

github.com/tmuxpope/vim-fugitive

Games

Learn VIM:

vim-adventures.com/

Tetris:

github.com/vim-scripts/Tetris.vim

Sokoban:

github.com/vim-scripts/sokoban.vim

Practical Vim

Edit Text at the
Speed of Thought



Drew Neil

Foreword by Tim Pope

Edited by Kay Kepler