

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

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
- ▶ Lucius

ethanschoonover.com/solarized

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 :lclose`

```
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/tpope/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/tpope/vim-fugitive

Games

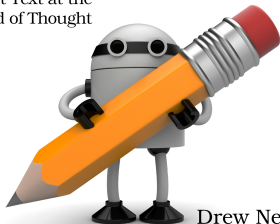
Learn VIM: vim-adventures.com/

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

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