

# Vim & Tmux

Sheng-Jun Lin

# Programming Font

- Type: **monospace** 等寬,  
sans-serif 無襯線(黑體).  
serif 襯線(明體)

- Eg: Source Code Pro

- mono, sans-serif

- <https://github.com/adobe-fonts/source-code-pro>

- Installation:

- Fedora: `dnf install texlive-sourcecodepro`
- Centos: `yum install texlive-sourcecodepro`



# Vim

- Open a file `vim example.txt`



## Normal Mode

h j k l / ← ↓ ↑ →		
O/Home	Go to beginning of the line	
^/Home	First character of the line	
\$/End	Go to end of the line	
gg	Go to the first line	
G	Go to the last line	
u	Undo	
dd	Del the line	p Paste
D	Del rest of the line	
yy	Copy the line	

i

Esc

Insert mode

Edit!

d Del the region  
y Copy the region  
Esc Leave the mode

v

Shift + v

Ctrl + v

Visual Mode

Visual Line Mode

Ctrl + > or < Indent

Visual Block Mode

# Vim

- Open a file `vim example.txt`



## Normal Mode

h j k l / ← ↓ ↑ →		
O/Home	Go to beginning of the line	
^/Home	First character of the line	
\$/End	Go to end of the line	
gg	Go to the first line	
G	Go to the last line	
u	Undo	
dd	Del the line	p Paste
D	Del rest of the line	
yy	Copy the line	

Esc Leave the mode



## Command mode

### Search

*/some words*

n Next, N Previous

### Set

`:set nu` Show #line

`:set nonu` Hide #line

### Substitute

*`:line range s/w1/w2/g`*

`:5s/dog/Cat/g`

`:5,10s/dog/Cat/g`

`:5,10s/dog//g`

`:5,10s/^/Cat/g`

`:5,10s/$/Cat/g`

`:5,%s/dog/Cat/g`

`:%s/dog/Cat/g`

# Vim

- Open a file `vim example.txt`



## Normal Mode

h j k l / ← ↓ ↑ →		
O/Home	Go to beginning of the line	
^/Home	First character of the line	
\$/End	Go to end of the line	
gg	Go to the first line	
G	Go to the last line	
u	Undo	
dd	Del the line	p Paste
D	Del rest of the line	
yy	Copy the line	

Esc Leave the mode

:

:

## Command mode

### Save/Quit

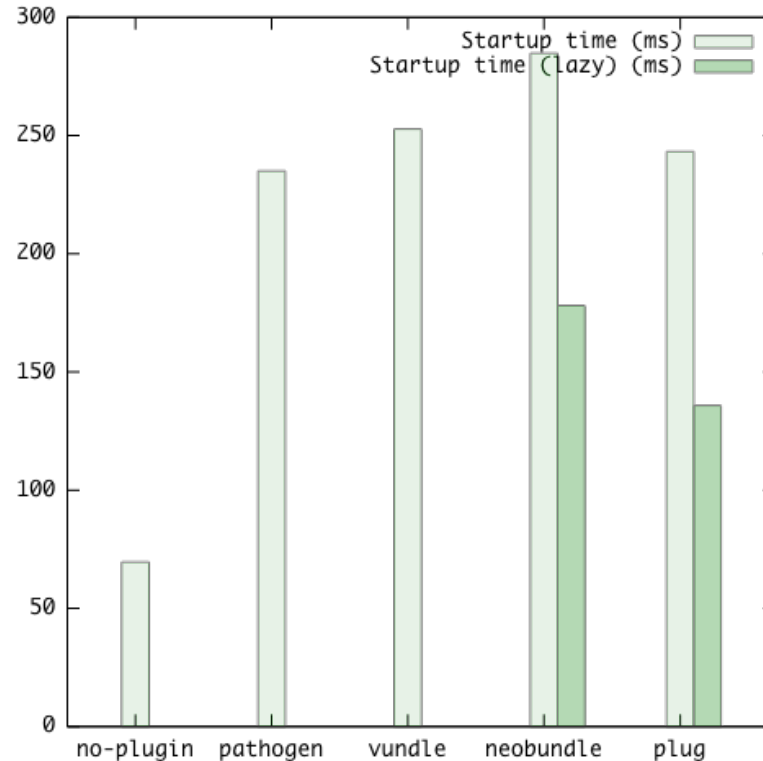
**:q!** Quit w/o saving  
**:w** Save  
**:wq** Save and quit

### Open another files and Split into panels

**:sp filename**  
Horizontally split  
**:vsp filename**  
Vertically split  
**Ctrl + w** then ← ↓ ↑ →  
Go to other panels

# Vim plugin manager

- Pathogen
- Vundle
- **vim-plug**



- Test how long to start up vim:  
`vim --startuptime vim.log`

# Install vim-plug and some plugins

- <https://github.com/Sheng-Jun/>
  - vimrc

## Install tmux

- tmux\_config