

# Contents

<b>1</b>	<b>Emaces Usful Command</b>	<b>2</b>
1.1	Command . . . . .	2
1.1.1	. . . . .	2
1.1.2	. . . . .	3
1.1.3	. . . . .	3
1.2	. . . . .	3
1.2.1	buffer . . . . .	3
1.2.2	. . . . .	3
1.2.3	. . . . .	3
1.2.4	. . . . .	4
1.3	Spacemacs . . . . .	4
1.3.1	Spacemacs package cuda-mode . . . . .	4
1.3.2	Spacemacs init.el buffercompany . . . . .	5
1.4	Company . . . . .	5
1.5	Expand-region package . . . . .	5
1.6	Magit packagegithub . . . . .	5
1.7	Git-auto-commit commitgithub .spacesstartup . . . . .	5
1.7.1	. . . . .	5
1.7.2	. . . . .	6
1.7.3	init.el . . . . .	6
1.8	Evil-nerd-commenter Package . . . . .	6
1.8.1	. . . . .	6
1.8.2	. . . . .	6
1.9	Flycheck . . . . .	6
1.9.1	. . . . .	6
1.10	Git . . . . .	7
1.11	global-set-key . . . . .	7
1.11.1	init.el . . . . .	7
1.11.2	. . . . .	7
<b>2</b>	<b>Latex</b>	<b>7</b>
2.1	. . . . .	7
<b>3</b>	<b>Org mode</b>	<b>8</b>
3.1	Useful Command . . . . .	8
3.1.1	. . . . .	8
3.1.2	. . . . .	8
3.1.3	. . . . .	8

3.1.4	8
3.2 Org modelatex	9
3.3 Org-page package	9
3.3.1 .emacs package	9
<b>4 Jupyter notebook</b>	<b>9</b>
4.1	9
4.2	10
4.2.1 .pyloadjupytercell	10
4.2.2 .pyloadjupytercell	10
4.2.3 cell.py	10
<b>5 Python</b>	<b>10</b>
5.1	10
<b>6</b>	<b>10</b>

## 1 Emacs Usful Command

### 1.1 Command

#### 1.1.1

```

cmd --insecure emacs
cmd --insecure Texlive GUI command-lineemacs texlive.tex
c-x c-s
m-x list-package package
c-x o
m->
m-<
c-v
m-v
c-x c-b /
c-x h
c-space
c-@
c-/
c-_
M-m spacemacs
M-m TABbuffer
c-e M-b

```

M-e M-a  
M-;  
M-m 0-9 windows-numbering bufferbuffer

### 1.1.2

M-m spacemacs buffer  
M-x helm-command  
c-c  
c-x  
c-h

### 1.1.3

c-h  
c-h a  
c-h f  
c-h v  
c-h k

## 1.2

### 1.2.1 buffer

buffer

### 1.2.2

M-g g

### 1.2.3

1. spacemacs build in function  
C-x t M-x linum-mode  
init.el  
  
;; global-set-key  
;;  
;; set linum-mode  
(global-set-key (kbd "C-x t") 'linum-mode)
2. linum-relative package .spacesstartup

### 3. C-h v UI

#### 1.2.4

##### 1. expand region

M-m v

##### 2. C-x C-x

### 1.3 Spacemacs

#### 1.3.1 Spacemacs package cuda-mode

.spacemacs.el

```
;; add packages
;;
(defun dotspacemacs/layers ()
  "Configuration Layers declaration."
  (setq-default
    ;; ...
    ;; List of additional packages that will be installed without being
    ;; wrapped in a layer. If you need some configuration for these
    ;; packages then consider to create a layer, you can also put the
    ;; configuration in 'dotspacemacs/config'.
    ;; add packages
    dotspacemacs-additional-packages '(
                                      cuda-mode
                                      company
                                      )
    ;; ...
  ))

(defun dotspacemacs/config ()
  "Configuration function.
This function is called at the very end of Spacemacs initialization after
layers configuration."
  ;; add packages
  dotspacemacs-additional-packages '(
                                     cuda-mode
```

```

company
)

;;
)

```

### 1.3.2 Spacemacs init.el buffercompany

```

;; Enable global company mode
(require 'company)
(add-hook 'after-init-hook 'global-company-mode)
(setq company-idle-delay 0.1)
(setq company-minimum-prefix-length 1)
(setq company-backends '((company-capf company-files company-elisp company-inf-ruby company-

```

## 1.4 Company

M-n M-p select  
 Enter: to complete  
 C-s, C-r and C-o: Search through the completions with  
 M-(digit) to quickly complete with one of the first 10 candidates.

## 1.5 Expand-region package

M-m v v V

## 1.6 Magit packagegithub

C-x g global-set-key magit-status

magitmagit-status

s sgit add  
 c commit  
 git-auto-commitcommit  
 P u Ppush

## 1.7 Git-auto-commit commitgithub .spacesstartup

### 1.7.1

1. unsigned .spacesstartup add package
2. gac-automatically-push-p 0push packagecustomize

3. C-x p commit+push
4. package M-m ! shellgithub
5. : minor modegac

```
git config --global user.email yyang181@github.com
```

### 1.7.2

gac-mode,git-auto-commit-mode

```
C-x p gaccommit push
```

### 1.7.3 init.el

```
;; global-set-key
(global-set-key (kbd "C-x p") 'git-auto-commit-mode)
```

## 1.8 Evil-nerd-commenter Package

### 1.8.1

```
unsigned .spacesstartup
  init.el

;; set up default hotkeys for evilnc
;;
;; evil-nerd-commenter
(evilnc-default-hotkeys)

(evilnc-default-hotkeys)
```

### 1.8.2

```
C-u number M-; number
```

## 1.9 Flycheck

### 1.9.1

```
package unsigned .spacemacs
```

To enable Flycheck add the following to your init file:

```
(add-hook 'after-init-hook #'global-flycheck-mode)
```

C-h v type flycheck-check-syntax-automatically

## 1.10 Git

packagepushgithub

- git-auto-commit: commit
- magit: smagit status
- magit: P u pushgithub
- git config --global
- git desktop
- 

## 1.11 global-set-key

### 1.11.1 init.el

```
;; global-set-key
(global-set-key (kbd "C-x g") 'magit-status)
```

### 1.11.2

```
M-x global-set-key
type enter
type enter
```

## 2 Latex

### 2.1

```
%
\usepackage{ctex}
\usepackage{CJK}

%
\begin{CJK}{UTF8}{song}
some content here.

\end{CJK}
```

## 3 Org mode

### 3.1 Useful Command

#### 3.1.1

c-c c-e html  
c-c c-e latex pdf

#### 3.1.2

TAB  
s-TAB  
m-left/right  
m-enter

#### 3.1.3

<s TAB  
<e TAB example  
s   #+begin\_src ... #+end\_src  
e   #+begin\_example ... #+end\_example :  
q   #+begin\_quote ... #+end\_quote  
v   #+begin\_vers ... #+end\_vers  
c   #+begin\_center ... #+end\_center  
l   #+begin\_latex ... #+end\_latex  
L   #+latex:  
h   #+begin\_html ... #+end\_html  
H   #+html:  
a   #+begin\_ascii ... #+end\_ascii  
A   #+ascii:  
i   #+index: line  
I   #+include: line

#### 3.1.4

- 
- -
- \* Org-page



## 3.2 Org modelatex

```
#+LATEX_HEADER: \usepackage[colorlinks=true,linkcolor=red]{hyperref}

+LATEX_HEADER: [colorlinks = true, linkcolor = red]hyperref+LATEX_CLASS:
org - article + TITLE: Org to LATEX
```

## 3.3 Org-page package

From <https://github.com/kelvinh/kelvinh.github.com>

### 3.3.1 .emacs package

```
;;; the following is only needed if you install org-page manually
(add-to-list 'load-path "path/to/org-page")
(require 'org-page)
(setq op/repository-directory "path/to/your/org/repository")
(setq op/site-domain "http://your.personal.site.com/")
;;; for commenting, you can choose either disqus, duoshuo or hashover
(setq op/personal-disqus-shortname "your_disqus_shortname")
(setq op/personal-duoshuo-shortname "your_duoshuo_shortname")
(setq op/hashover-comments t)
;;; the configuration below are optional
(setq op/personal-google-analytics-id "your_google_analytics_id")
```

## 4 Jupyter notebook

### 4.1

```
cellcellShift Enter
cellcellCtrl-Enter
cellEnter
cellEsc
cellD
cellline numberL
cellmaskdown1
cellmaskdown2
cellmaskdown3
/Ctrl /
cellz
TabCtrl PgUpCtrl PgDn
```

```
cellCtrl Home  
cellCtrl End
```

## 4.2

### 4.2.1 .pyloadjupytercell

```
%load test.py #test.pypython
```

### 4.2.2 .pyloadjupytercell

```
cell%load http://.....cellloadloadcell
```

### 4.2.3 cell.py

```
%run file.py
```

## 5 Python

### 5.1

```
help()
```

## 6

evil-leader

- windows
- markdown
- emacs,linux
- org-modegtd
- org-mode,htmlorg-mode
- org-mode
- org-mode
- c/c++/python
- org-modeemacsdevilgit
-