

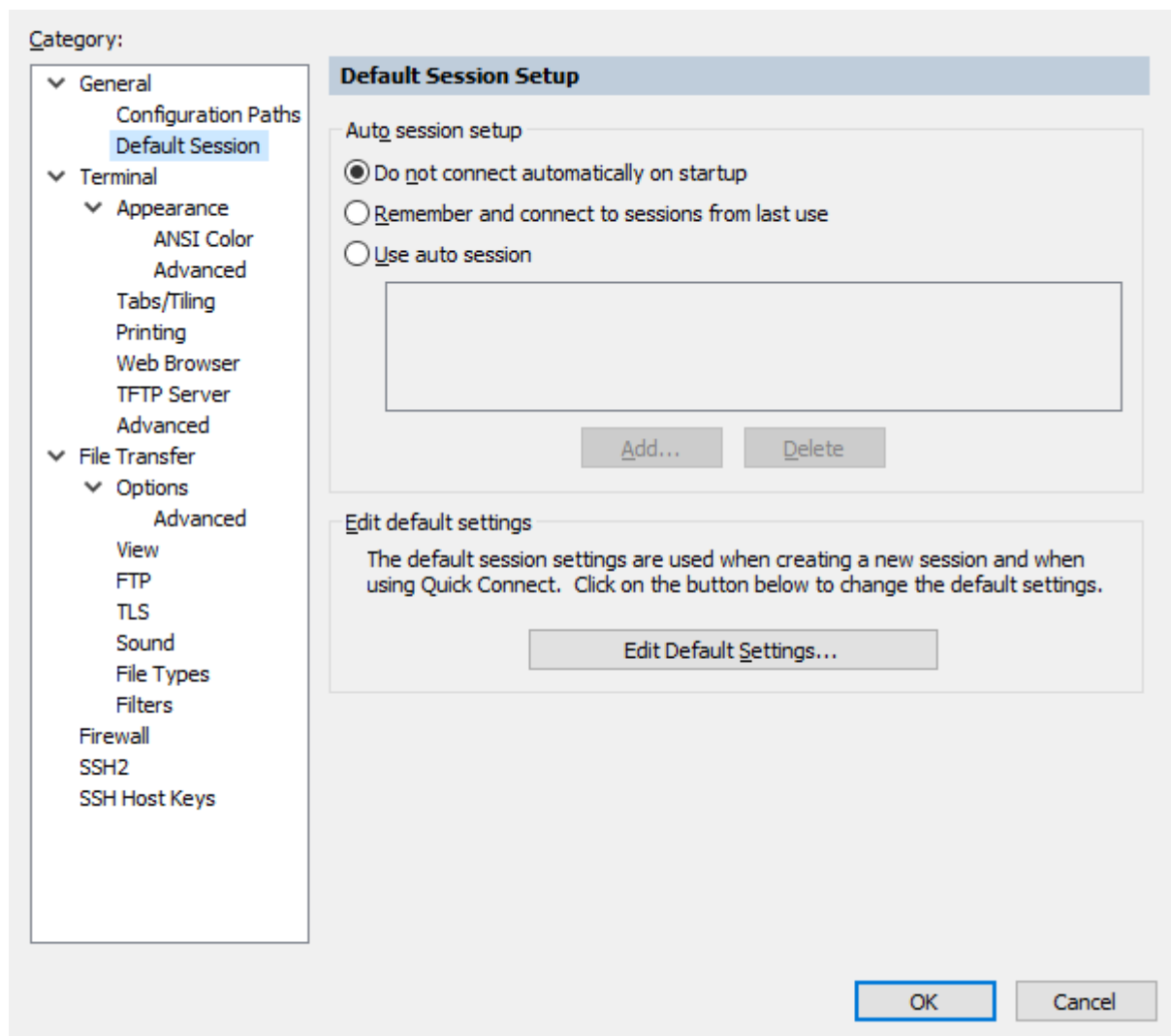
# emacs 使用手册

## 配置securecrt

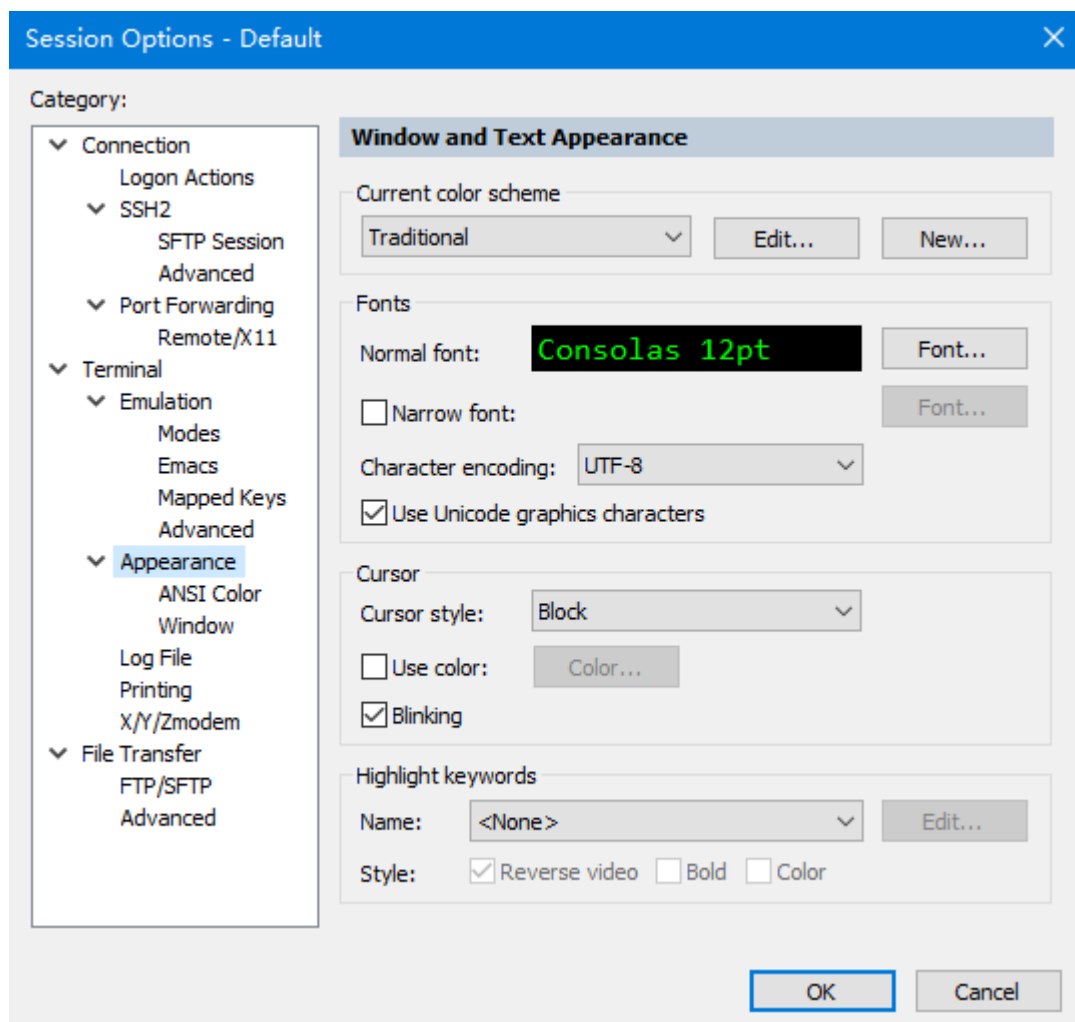
这里securecrt的配置主要分为四个部分：

- 终端模式
- Alt键兼容
- delete键处理
- 字符集utf-8、字体大小设置

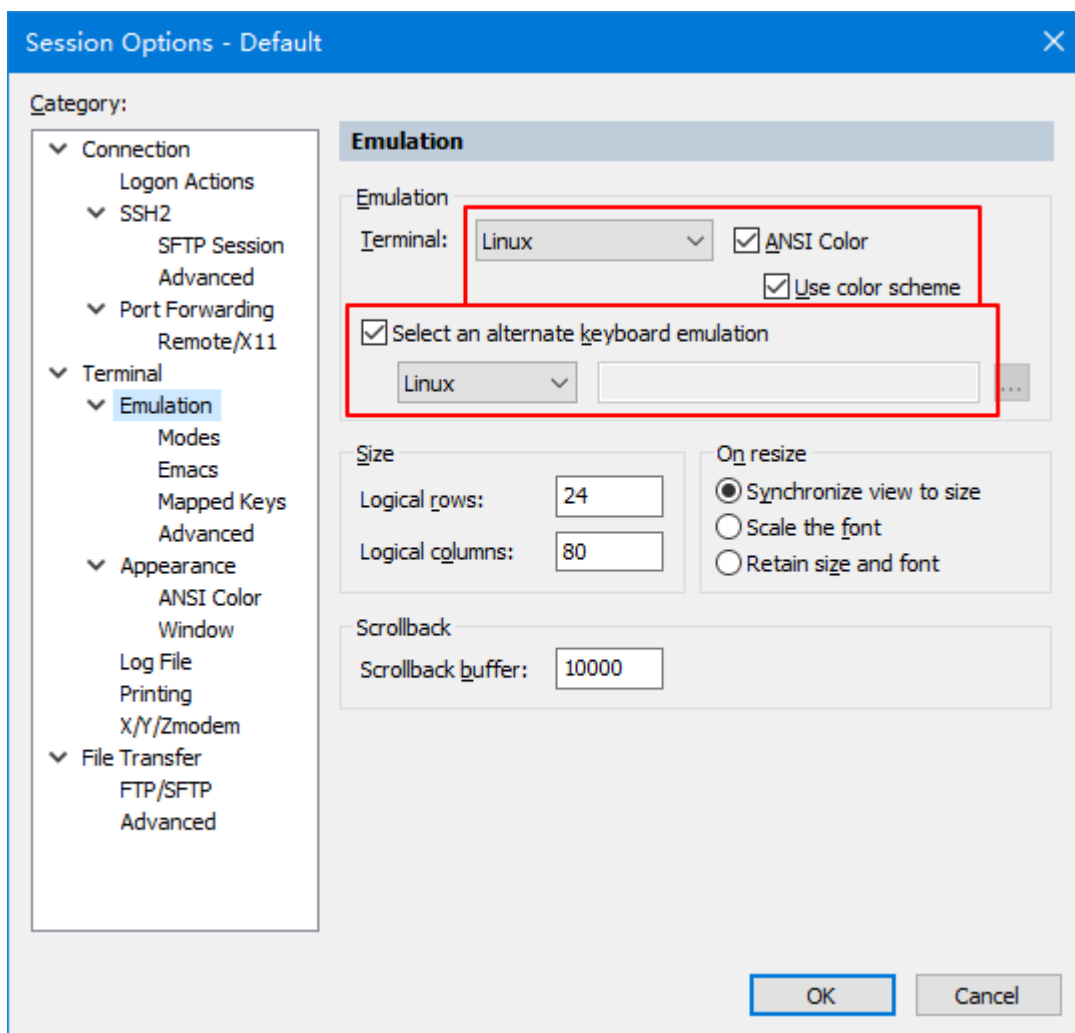
点击SecureCRT的Option =>Global Options，弹出Global Options设置窗口



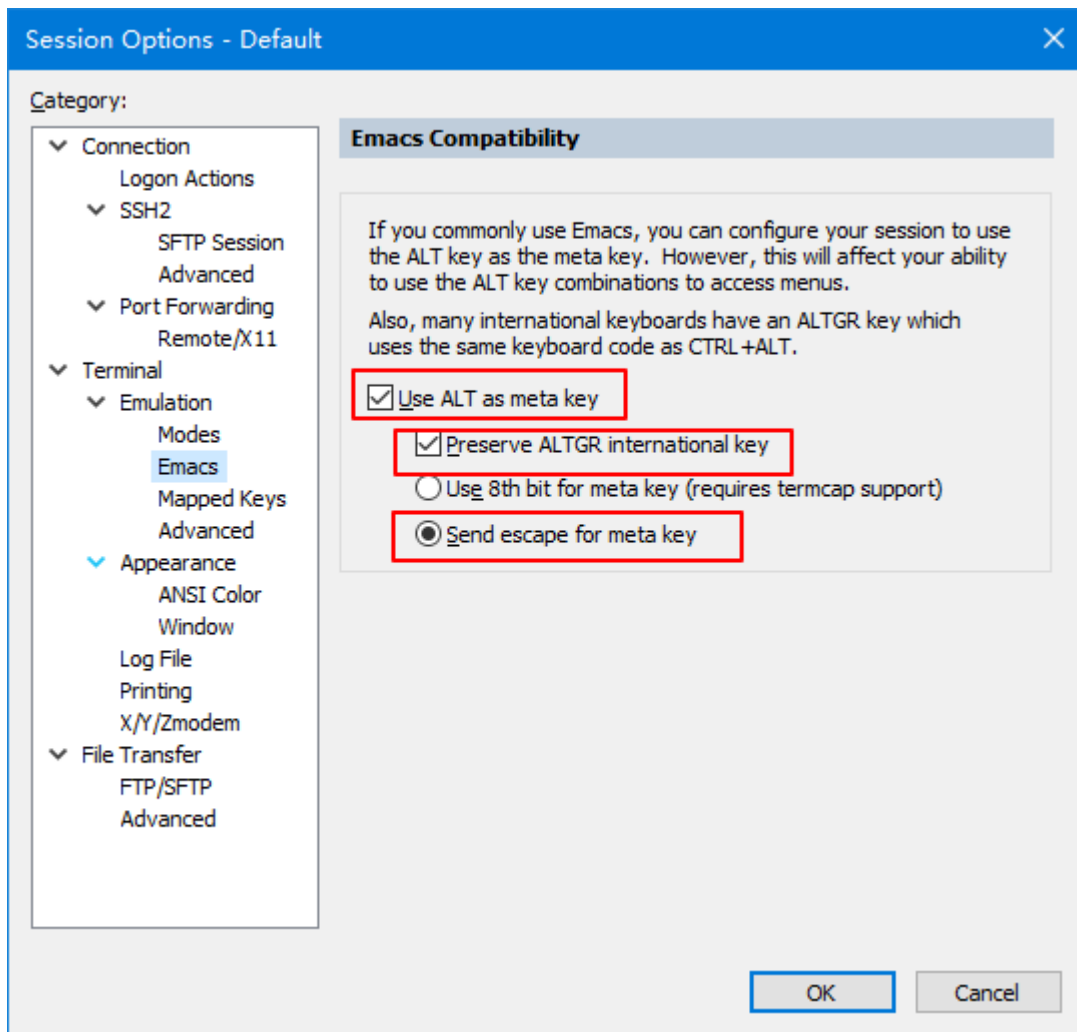
点击General=>Default Session, 出现上图右侧的窗口，然后单击"Edit Default Settings...", 弹出Session Options-Default窗口。



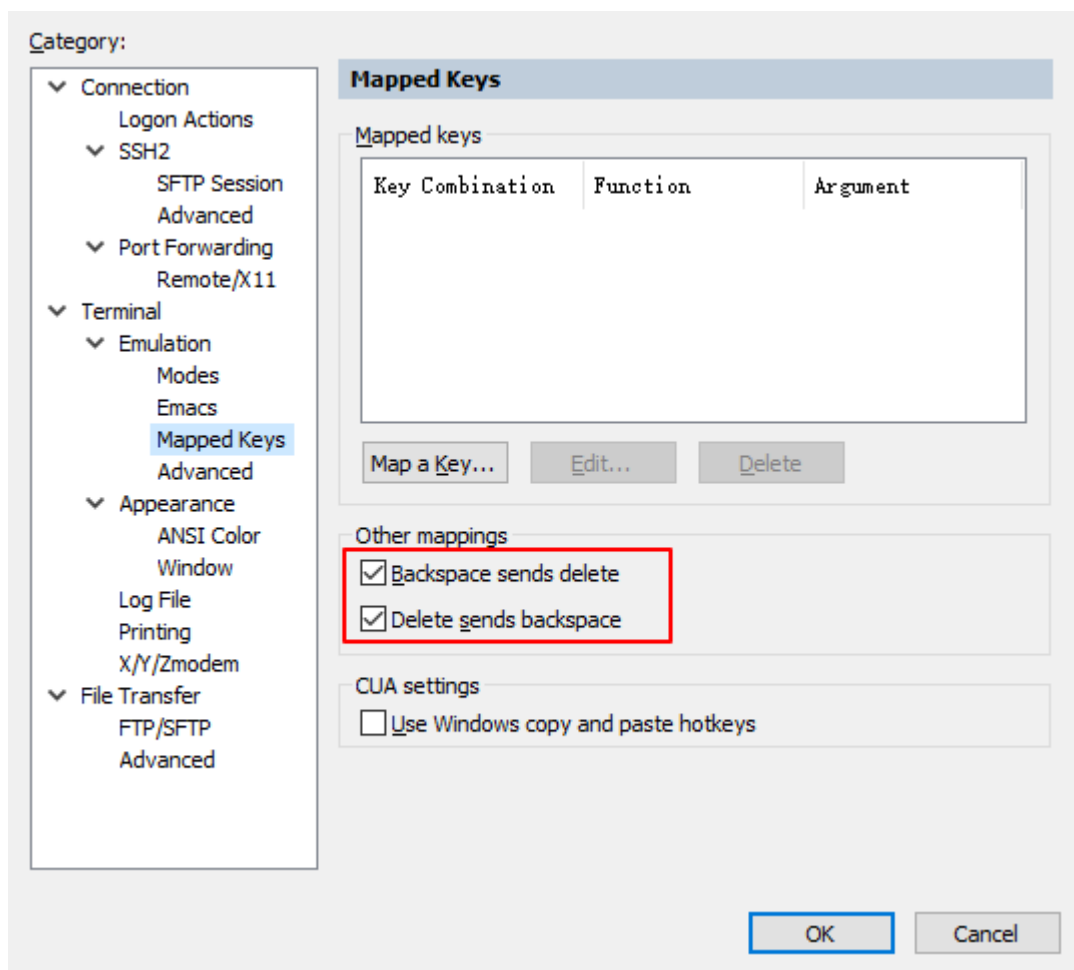
1. 选中左侧的Terminal => Emulation, 按照如下的方式完成终端模拟器设置。



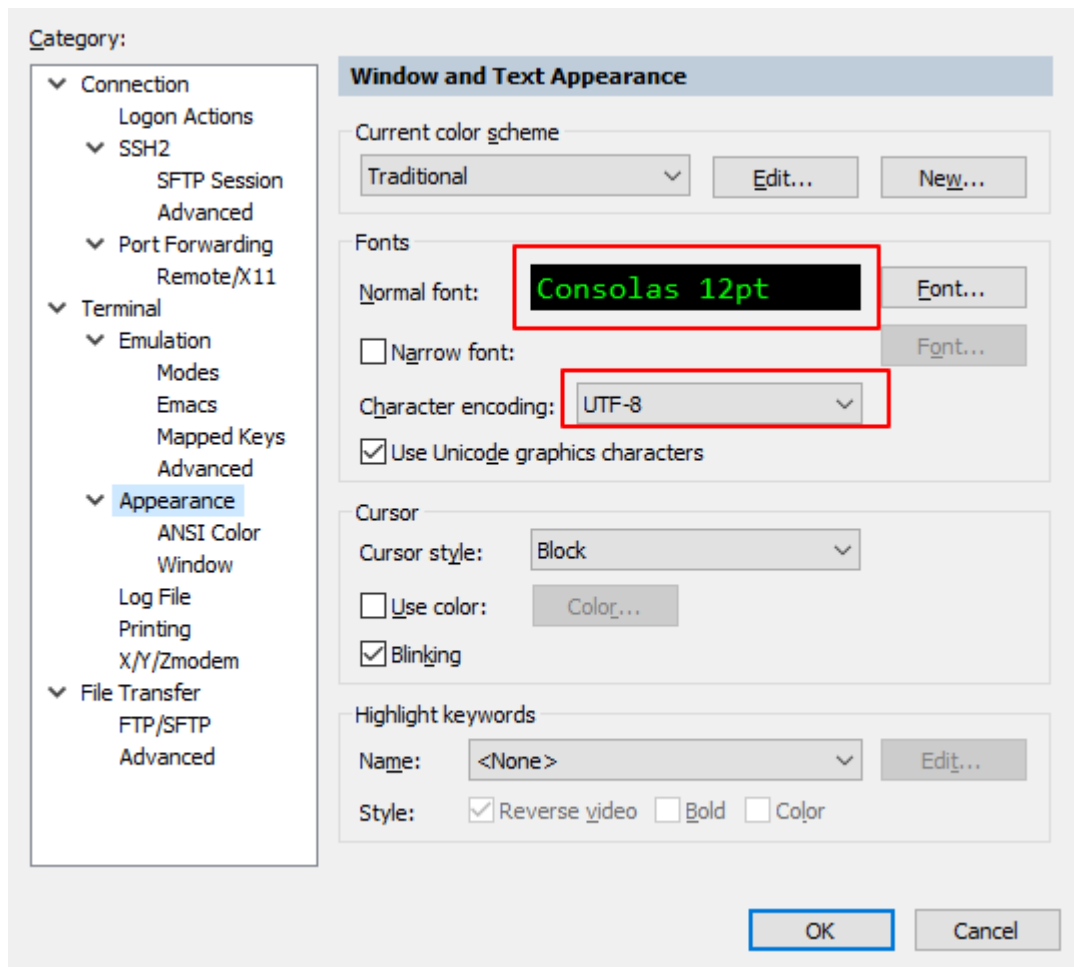
2. 选中左侧的Terminal => Emulation => Emacs, 按照如下方式完成Emacs的Alt键兼容设置



3. 选中Terminal => Emulation => Mapped Keys, 按照如下的方式完成emacs的delete键兼容设置



4. 选中Terminal => Appearance, 按照如下的方式完成终端的字体, 字符集, 字体大小设置



## emacs的安装

### centos系统上安装

#### 1. 安装依赖环境

```
1 sudo yum install "Development Tools" libXpm-devel libpng-devel giflib-devel libtiff-devel  
libjpeg-devel ncurses-devel libXft-devel pkgconfig gpm-devel dbus-devel dbus-glib-devel  
dbus-python gconf2-devel lrzsz xclip -y
```

#### 2. 下载安装包git、emacs

```
1 wget http://mirrors.ustc.edu.cn/gnu/emacs/emacs-25.3.tar.gz -O /tmp/emacs.tar.gz  
2 wget https://www.kernel.org/pub/software/scm/git/git-2.9.5.tar.gz -O /tmp/git.tar.gz
```

#### 3. 建立自己的app安装目录, 并且设置环境变量

```
1 mkdir ~/app  
2 echo 'export PATH=${HOME}/app/bin:${PATH}' >> ${HOME}/.bash_profile  
3 source ${HOME}/.bash_profile
```

#### 4. 安装git

```
1 cd /tmp
2 tar xvf git.tar.gz
3 cd git-*
4 ./configure --prefix=${HOME}/app
5 make && make install
```

## 5. 安装emacs

```
1 cd /tmp
2 tar xvf emacs.tar.gz
3 cd emacs-*
4 ./configure --prefix=${HOME}/app --without-x
5 make && make install
```

## 6. 下载emacs配置文件

```
1 cd ${HOME}
2 rm -rf ${HOME}/.emacs
3 git clone https://github.com/CharellKing/.emacs.d.git
```

## 7. 启动emacs，会去自动安装插件，等待安装完成

```
1 emacs
```

# 使用emacs

---

## 窗口介绍

- 编辑窗口
- powerline, 状态栏
- 命令窗口（最底部）

```
[ ]
;; IDE
(require 'init-web)
(require 'init-python)
;;(require 'init-protobuf)
(require 'init-php)
(require 'init-c)
(require 'init-markdown)
(require 'init-template)
(require 'init-sh)
(require 'init-company)
(require 'init-lisp)
(require 'init-js)

(provide 'init)
(custom-set-variables
  ;; custom-set-variables was added by Custom.
  ;; If you edit it by hand, you could mess it up, so be careful.
  ;; Your init file should contain only one such instance.
  ;; If there is more than one, they won't work right.
  '(package-selected-packages
    (quote
      (nodejs-repl cputils-cmake elpy php-mode protobuf-mode web-mode flymake-jslint json-mode js2-mode markdown-mode paredit flymake-shell slime-company company-jedi company-web company elfeed-goodies elfeed$
    )
  )
  )
(custom-set-faces
  ;; custom-set-faces was added by Custom.
  ;; If you edit it by hand, you could mess it up, so be careful.
  ;; Your init file should contain only one such instance.
  ;; If there is more than one, they won't work right.
  '(company-preview ((t (:foreground "darkgray" :underline t))))
  '(company-preview-common ((t (:inherit company-preview))))
  '(company-tooltip ((t (:background "lightgray" :foreground "black"))))
  '(company-tooltip-common (((type x)) (:inherit company-tooltip :weight bold)) (t (:inherit company-tooltip))))
  '(company-tooltip-common-selection (((type x)) (:inherit company-tooltip-selection :weight bold)) (t (:inherit company-tooltip-selection))))
  '(company-tooltip-selection ((t (:background "steelblue" :foreground "white"))))
  )
)
```

- 2.3k Wu: init.el [20] Emacs-Lisp ARev Projectile(.emacs.d) company Helm yas 外Git-master 状态栏, 会显示文件名称等等 邮 57 : 0

命令窗口, 显示输入的命令

## 常用快捷键介绍

这里C对应ctrl键、S对应Shift键、M对应Alt键

- 打开文件或者创建文件

1 | C-x C-f

- 保存文件

1 | C-x C-s

- 光标上移动

1 | C-p

- 光标下移动

1 | C-n

- 光标后移动

1 | C-b

- 光标前移动

1 | C-f

- 光标移动到第一行



```
1 | M-S-<
```

- 光标移动到最后一行

```
1 | M-S->
```

- 光标跳转到指定行

```
1 | M-g g [输入指定的行号]
```

- 光标跳转到刚修改的行

```
1 | C-c g c
```

- 查找文本

```
1 | C-s
```

- 标记文本

```
1 | C-@ #然后按上面的快捷键移动光标，可以实现多行选中
```

- 复制

```
1 | M-w
```

- 剪贴

```
1 | C-w
```

- 粘贴

```
1 | C-y
```

- 撤销，可以撤销任何命令

```
1 | C-g
```

## magit用法（结合git用）

- 启动magit，键入M-x, 然后输入magit-status, 会弹出另外一个框

```
[init.el]
;; IDE
(require 'init-web)
(require 'init-python)
;;(require 'init-protobuf)
(require 'init-php)
(require 'init-c)
(require 'init-markdown)
(require 'init-template)
(require 'init-sh)
(require 'init-company)
(require 'init-lisp)
(require 'init-js)
(provide 'init)
(custom-set-variables
 ;; custom-set-variables was added by Custom.
 ;; If you edit it by hand, you could mess it up, so be careful.
 ;; Your init file should contain only one such instance.
 ;; If there is more than one, they won't work right.
 '(package-selected-packages
  (quote
   (nodejs-repl cputils-cmake elpy php-mode protobuf-mode web-mode flymake-jslint json-mode js2-mode markdown-mode paredit flymake-shell slime-company company-jedi company-web company elfeed-goodies elfeed)
  ))
(custom-set-faces
 ;; custom-set-faces was added by Custom.
 ;; If you edit it by hand, you could mess it up, so be careful.
 ;; Your init file should contain only one such instance.
 ;; If there is more than one, they won't work right.
 '(company-preview ((t (:background "darkgray" :underline t))))
  (company-preview-common ((t (:inherit company-preview))))
  (company-tooltip ((t (:background "lightgray" :foreground "black"))))
  (company-tooltip-common (((type x)) (:inherit company-tooltip :weight bold)) (t (:inherit company-tooltip))))
  (company-tooltip-common-selection (((type x)) (:inherit company-tooltip-selection :weight bold)) (t (:inherit company-tooltip-selection))))
  (company-tooltip-selection ((t (:background "steelblue" :foreground "white"))))
  )
)

- 2.3k lll: init.el [init.el] Emacs-Lisp ARev Projectile[.emacs.d] company Helm yas Git:master 部 35 : 18 B
x magit-status[magit-status] ido-enter-magit-status | magit-commit-instant-squash)
```

```
[init-js]
;; IDE
(require 'init-web)
(require 'init-python)
;;(require 'init-protobuf)
(require 'init-php)
(require 'init-c)
(require 'init-markdown)
(require 'init-template)
(require 'init-sh)
(require 'init-company)
(require 'init-lisp)
(require 'init-js)
(provide 'init)
(custom-set-variables
 ;; custom-set-variables was added by Custom.
 ;; If you edit it by hand, you could mess it up, so be careful.
 ;; Your init file should contain only one such instance.
 ;; If there is more than one, they won't work right.
 '(package-selected-packages
  (quote
   (nodejs-repl cputils-cmake elpy php-mode protobuf-mode web-mode flymake-jslint json-mode js2-mode)
  ))
(custom-set-faces
 ;; custom-set-faces was added by Custom.
 ;; If you edit it by hand, you could mess it up, so be careful.
 ;; Your init file should contain only one such instance.
 ;; If there is more than one, they won't work right.
 '(company-preview ((t (:background "darkgray" :underline t))))
  (company-preview-common ((t (:inherit company-preview))))
  (company-tooltip ((t (:background "lightgray" :foreground "black"))))
  (company-tooltip-common (((type x)) (:inherit company-tooltip :weight bold)) (t (:inherit company-t5
  (company-tooltip-common-selection (((type x)) (:inherit company-tooltip-selection :weight bold)) (t5
  (company-tooltip-selection ((t (:background "steelblue" :foreground "white"))))
  )
  )

head: master 开启缩进的开关
merge: origin/master 开启缩进的开关
push: origin/master 开启缩进的开关

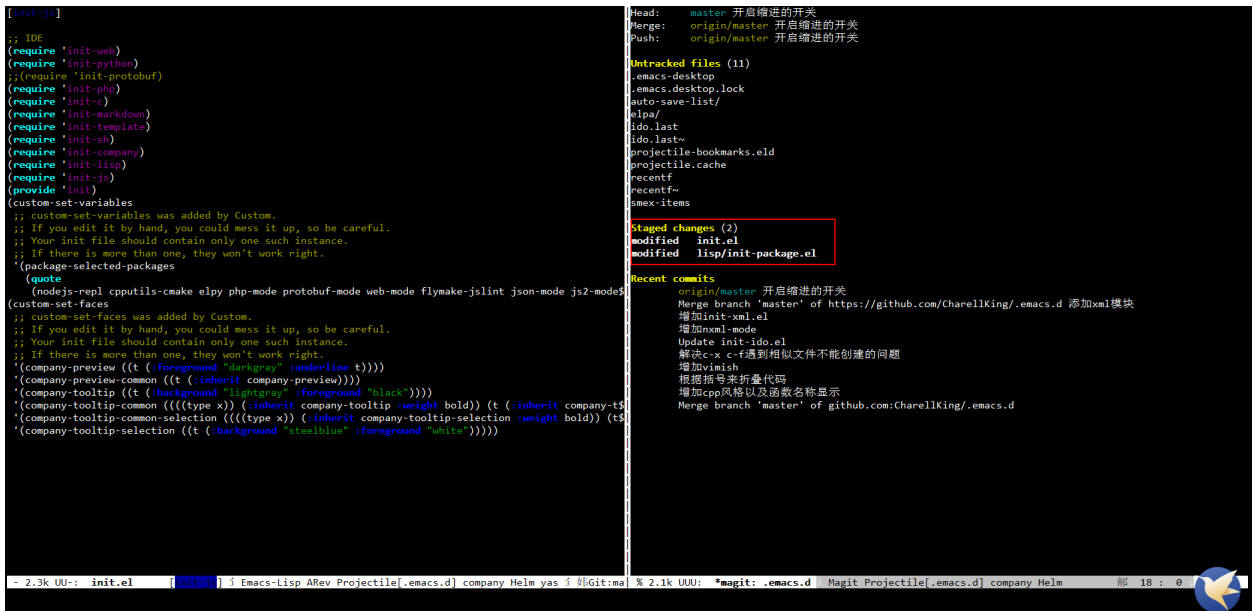
Untracked files (11)
.emacs.desktop
.emacs.desktop.lock
auto-save-list/
elpa/
ido.last
ido.last~
projectile-bookmarks.elc
projectile.cache
recentf
recentf~
smex-items

Unstaged changes (2)
modified init.el
modified lisp/init-package.el

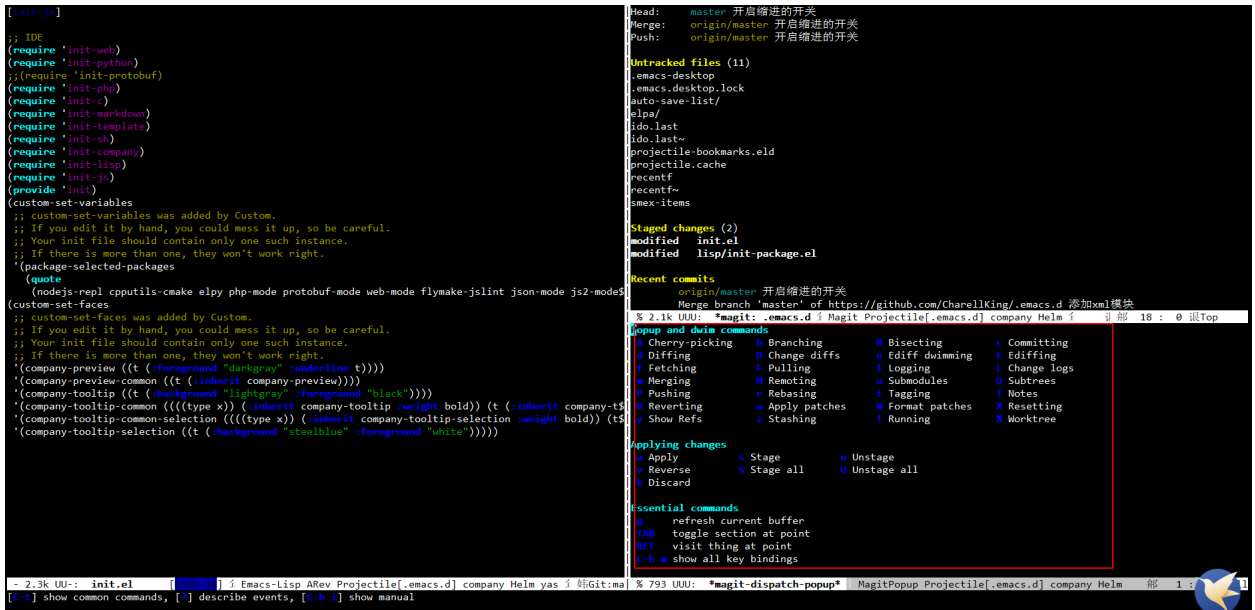
Recent commits
origin/master 开启缩进的开关
Merge branch 'master' of https://github.com/CharellKing/.emacs.d 添加xml模块
增加init.xml.el
增加xml-mode
Update init-ido.el
解决c-x c-f遇到相似文件不能创建的问题
增加vimish
根据括号来折叠代码
增加cpp风格以及函数名称显示
Merge branch 'master' of github.com:CharellKing/.emacs.d

- 2.3k UU: init.el [init.el] Emacs-Lisp ARev Projectile[.emacs.d] company Helm yas Git:master % 2.1k UU: *magit:.emacs.d Magit Projectile[.emacs.d] company Helm 部 1 : 0 All
turning on magit-auto-revert-mode...done
```

- 介绍右边的窗口的相关项  
Untracked files: 新建的文件或者文件夹，不存在与工程中  
Unstaged changes: 为刚修改的文件，未git add到工程中  
Staged changes: 刚add的文件，待commit  
Recent Commits: 最近的提交信息
- 移动光标到修改的文件项目，然后按照s，add文件（对应git add）；如果你想取消add，可以将光标移动到对应已经add的文件，然后按u。



- 已经add (git add) 所有已经修改的文件之后，按C-c C-c快捷键，弹出一个框，然后紧接着按c，就会commit了



- 接下来，在对应的窗口的编写修改的描述（例如：这是一个测试样例), 然后C-c C-c

```
Staged changes
2 files changed, 8 insertions(+), 9 deletions(-)
init.el | 1
lisp/init-package.el | 16 ++++++-----

modified init.el
@@ -33,7 +33,6 @@
(require 'init-company)
(require 'init-lisp)
(require 'init-js)

(custom-set-variables
  ;; custom-set-variables was added by Custom.
  modified lisp/init-package.el
  @@ -2,12 +2,12 @@

(setq package-archives (("gnu" . "http://elpa.emacs-china.org/gnu/")
  ("melpa" . "http://elpa.emacs-china.org/melpa/")
  ("marmalade" . "http://elpa.emacs-china.org/marmalade/")
  ("org" . "http://elpa.emacs-china.org/org/")
  ("sunrise-commander-el" . "http://elpa.emacs-china.org/sunrise-commander/")
  ("user42-el" . "http://elpa.emacs-china.org/user42/")
  ("melpa" . "http://elpa.emacs-china.org/melpa/")
  ("marmalade" . "http://elpa.emacs-china.org/marmalade/")
  ("org" . "http://elpa.emacs-china.org/org/")
  ("sunrise-commander-el" . "http://elpa.emacs-china.org/sunrise-commander/")
  ("user42-el" . "http://elpa.emacs-china.org/user42/")
  ))

(package-initialize)

@@ -74,8 +74,8 @@

(defun has-package-not-installed ()
  (loop for p in package-list
    when (not (package-installed-p p)) do (return t)
    finally (return nil)))
  when (not (package-installed-p p)) do (return t)
  finally (return nil)))

(when (has-package-not-installed)
  ;; Check for new packages (package versions)

% 1.6k UU: *magit-diff: .emacs.d $ Magit Diff Projectile[.emacs.d] company Helm 1 : 0 1

# 这是一个测试样例
Please enter the commit message for your changes. Lines starting
with '#' will be ignored, and an empty message aborts the commit.
#
# On branch master
# Your branch is up to date with 'origin/master'.
#
# Changes to be committed:
#   modified:   init.el
#   modified:   lisp/init-package.el
#
# Untracked files:
#   .emacs.desktop
#   .emacs.desktop.lock
#   auto-save-list/
#   elpa/
#   ido.last
#   projectile-bookmarks.el
#   projectile.cache
#   recentf
#   recentf-
#   smex-items
```

- 最后将本地commit的修改信息，push到远程git仓库，先按P，然后再p就可以提交修改信息到工程，标记的信息表示已经提交成功

```
[init-js]
;; IDE
(require 'init-web)
(require 'init-python)
;;(require 'init-protobuf)
(require 'init-php)
(require 'init-c)
(require 'init-markdown)
(require 'init-template)
(require 'init-sh)
(require 'init-company)
(require 'init-lisp)
(require 'init-js)
(provide 'init)
custom-set-variables
;; custom-set-variables was added by Custom.
;; If you edit it by hand, you could mess it up, so be careful.
;; Your init file should contain only one such instance.
;; If there is more than one, they won't work right.
(package-selected-packages
  '(quote
    (nodejs-repl cputils-cmake elpy php-mode protobuf-mode web-mode flymake-jslint json-mode js2-mode)
  ))
(custom-set-faces
  ;; custom-set-faces was added by Custom.
  ;; If you edit it by hand, you could mess it up, so be careful.
  ;; Your init file should contain only one such instance.
  ;; If there is more than one, they won't work right.
  '(company-preview ((t (:foreground "darkgray" :underline t))))
  '(company-preview-common ((t (:inherit company-preview))))
  '(company-tooltip ((t (:background "lightgray" :foreground "black"))))
  '(company-tooltip-common (((type x)) (:inherit company-tooltip :weight bold))) (t (:inherit company-t5
  '(company-tooltip-common-selection (((type x)) (:inherit company-tooltip-selection :weight bold))) (t5
  '(company-tooltip-selection ((t (:background "steelblue" :foreground "white")))))

Head: master 这是一个测试样例
Merge: origin/master 这是一个测试样例
Push: origin/master 这是一个测试样例

Untracked files (11)
.emacs.desktop
.emacs.desktop.lock
auto-save-list/
elpa/
ido.last
projectile-bookmarks.el
projectile.cache
recentf
recentf-
smex-items

Recent commits
origin/master 这是一个测试样例
开启增进的开关
Merge branch 'master' of https://github.com/CharellKing/.emacs.d 添加xml模块
增加init-xml.el
增加nnxml-mode
Update init-ido.el
解决c-x c-f遇到相似文件不能创建的问题
增加vimish
根据括号来折叠代码
增加cpp风格以及函数名称显示

- 2.3k UU: init.el [1.6k] Emacs-Lisp ARev Projectile[.emacs.d] company Helm ysa $ Git:ma
git finished
% 564 UU: *magit: .emacs.d $ Magit Projectile[.emacs.d] company Helm 5 : 0
```