

[debian](#), [howto](#), [basic](#), [setup](#)

Debian Basic Setup

- <https://github.com/magicmonty/bash-git-prompt>
- <https://github.com/zim-desktop-wiki/zim-desktop-wiki>

Things I like to find on my system (work in progress).

```
apt -y install keychain lynx menu mlocate multital tmux vim-nox
```

```
ssh-keygen -o -a 100 -t ed25519 -f ~/.ssh/id_ed25519 -C "<USER>@host.domain.tld"  
touch ~/.bash_profile  
chmod 600 ~/.bash_profile  
vim ~/.bash_profile
```

```
/usr/bin/keychain --clear
```

```
vim ~/.bashrc
```

```
# ~/.bashrc: executed by bash(1) for non-login shells.  
# see /usr/share/doc/bash/examples/startup-files (in the package bash-doc)  
# for examples  
  
# If not running interactively, don't do anything  
case $- in  
  *i*) ;;  
  *) return;;  
esac  
  
# don't put duplicate lines or lines starting with space in the history.  
# See bash(1) for more options  
HISTCONTROL=ignoreboth  
  
# append to the history file, don't overwrite it  
shopt -s histappend  
  
# for setting history length see HISTSIZE and HISTFILESIZE in bash(1)  
HISTSIZE=1000  
HISTFILESIZE=2000  
HISTTIMEFORMAT="%Y.%m.%d %T "  
  
# check the window size after each command and, if necessary,  
# update the values of LINES and COLUMNS.  
shopt -s checkwinsize  
  
# If set, the pattern "*" used in a pathname expansion context will  
# match all files and zero or more directories and subdirectories.  
#shopt -s globstar  
  
# make less more friendly for non-text input files, see lesspipe(1)  
[ -x /usr/bin/lesspipe ] && eval "$(SHELL=/bin/sh lesspipe)"  
  
# set variable identifying the chroot you work in (used in the prompt below)  
if [ -z "${debian_chroot:-}" ] && [ -r /etc/debian_chroot ]; then  
  debian_chroot=$(cat /etc/debian_chroot)  
fi
```

```
# set a fancy prompt (non-color, unless we know we "want" color)
case "$TERM" in
  xterm-color|*-256color) color_prompt=yes;;
esac

# uncomment for a colored prompt, if the terminal has the capability; turned
# off by default to not distract the user: the focus in a terminal window
# should be on the output of commands, not on the prompt
#force_color_prompt=yes

if [ -n "$force_color_prompt" ]; then
  if [ -x /usr/bin/tput ] && tput setaf 1 >&/dev/null; then
    # We have color support; assume it's compliant with Ecma-48
    # (ISO/IEC-6429). (Lack of such support is extremely rare, and such
    # a case would tend to support setf rather than setaf.)
    color_prompt=yes
  else
    color_prompt=
  fi
fi

if [ "$color_prompt" = yes ]; then
PS1='${debian_chroot:+($debian_chroot)}\[\033[01;32m\]\u@\h\[\033[00m\]:\[\033[01;34m\]\w\[\033[00m\]\$
'
else
  PS1='${debian_chroot:+($debian_chroot)}\u@\h:\w\$ '
fi
unset color_prompt force_color_prompt

# If this is an xterm set the title to user@host:dir
case "$TERM" in
xterm*|rxvt*)
  PS1="\[\e]0;${debian_chroot:+($debian_chroot)}\u@\h: \w\a\]$PS1"
  ;;
*)
  ;;
esac

# enable color support of ls and also add handy aliases
if [ -x /usr/bin/dircolors ]; then
  test -r ~/.dircolors && eval "$(dircolors -b ~/.dircolors)" || eval "$(dircolors -b)"
  alias ls='ls --color=auto'
  #alias dir='dir --color=auto'
  #alias vdir='vdir --color=auto'

  alias grep='grep --color=auto'
  alias fgrep='fgrep --color=auto'
  alias egrep='egrep --color=auto'
fi

# colored GCC warnings and errors
#export GCC_COLORS='error=01;31:warning=01;35:note=01;36:caret=01;32:locus=01:quote=01'

# some more ls aliases
alias ll='ls -alF'
alias la='ls -A'
alias l='ls -CF'

# Add an "alert" alias for long running commands. Use like so:
# sleep 10; alert
alias alert='notify-send --urgency=low -i "${[ $? = 0 ] && echo terminal || echo error}" "${history|tail
-n1|sed -e '\''s/^s*[0-9]\+s*//;s/[;|&]\+s*alert$//'\''}"'

# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.
```

```
if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
    if [ -f /usr/share/bash-completion/bash_completion ]; then
        . /usr/share/bash-completion/bash_completion
    elif [ -f /etc/bash_completion ]; then
        . /etc/bash_completion
    fi
fi
[ -r /home/<USER>/.byobu/prompt ] && . /home/<USER>/.byobu/prompt #byobu-prompt#

# SSH AGENT KEYCHAIN
eval $(keychain --eval id_rsa id_ed25519)

# gitprompt
. ~/repos/bash-git-prompt/gitprompt.sh

# alias for Python 3
alias "python"="python3"

# PATH
export PATH="${PATH}:~/bin"
```

```
mkdir -pv ~/bin ~/repos
cd ~/repos
git clone https://github.com/zim-desktop-wiki/zim-desktop-wiki
git clone https://github.com/magicmonty/bash-git-prompt
git clone https://github.com/DaniSpringer/multi-git-status.git
git clone https://github.com/gitahead/gitahead.git
ln -s ~/repos/multi-git-status/mgitstatus ./mgitstatus
ln -s ~/repos/zim-desktop-wiki/zim.py ./zim
```

```
touch ~/.ssh/config
chmod 600 ~/.ssh/config
vim ~/.ssh/config
```

```
Host *
    AddKeysToAgent yes
    IdentityFile ~/.ssh/id_ed25519
    IdentityFile ~/.ssh/id_rsa
    ControlMaster auto
    ControlPath ~/.ssh/master-%r@%h:%p.socket
    ControlPersist yes
    ServerAliveInterval 5
    ServerAliveCountMax 10

Host ONE
    HostName one.domain.tld

Host TWO
    HostName two.domain.tld

Host THREE
    HostName three.domain.tld
```

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