

Dotfiles

REVISION HISTORY			
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1 Purpose

- To keep all my configuration files under version control

2 Setup

#TODO: This section is under construction

Clone the repo

```
git clone https://github.com/rhc/dotfiles.git
```

Link the dotfiles

```
rake link
```

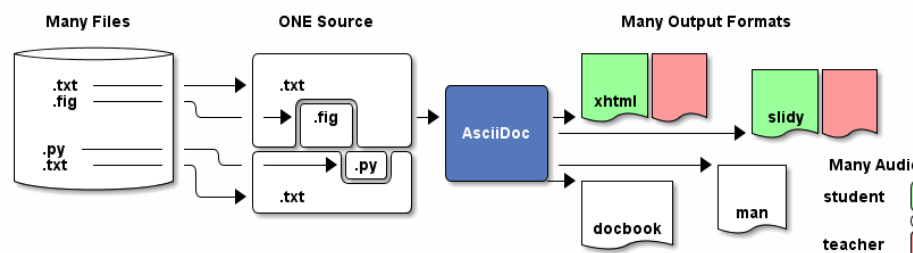
Install the dependencies

```
rake pacman
```

Bootstrap

```
rake bootstrap:vim
```

3 My list of applications



git



images/rails-logo.jpg images/rbenv-logo.png





images/postgresql-logo.jpg



images/gns3-logo.jpg images/wireshark-logo.jpg images/nmap-logo.jpg images/nessus-logo.jpg



images/inkscape-logo.jpg



images/calibre-logo.jpg



images/transmission-logo.jpg

3.1 Selection criteria

This is the list of programs I use to get things done quickly. Like my good friend [Mandla](#), I tend to select programs that:

1. Do one thing, and only one thing
2. Do that one thing well and fast
3. Don't drag my system down
4. Do it in style

I prefer CLI over GUI. I like to enable Vim keybindings accross all programs.

You can find below my programs loosely grouped in the following categories: Internet, Multimedia, Utilities, Documents, Security and Science.

3.2 Internet

- Network manager: netcl
- Web browser: firefox, chrome
- Add-ons web browser: pentadactyl, todoist
- Youtube downloader: youtube-dl
- Bit torrent client: transmission
- Email client: gmail
- Instant messaging: pidgin ?,
- IRC client: irssi
- Tunneling reverse proxy: ngrok
- Text editor: Vim
- Display manager: XMonad
- Task manager: Todoist, Task
- Screen saver: xscreensaver
- Softphone: skype, hangout
- News aggregator: newsbeuter ?
- Blog: jekyll ?

- Twitter client: ?
- Pastebin client: gist
- Bitcoin:

3.3 Multimedia

- Image viewer: feh
- Raster editor: gimp, imagemagick
- Vector graphics: dia, inkscape,
- 3D modeling/rendering: blender
- Screen capture: scrot
- Audio player: mpd, cmus
- Video player: vlc
- Volume manager: ?
- CD ripping: ?
- Sound editing:
- Mobile phone manager: gnokii
- Video editor:
- Screencast: ?
- Collection manager: xbmc
- Graph visualization: graphviz

3.4 Development

- programming language: ruby
- Web framework: rails
- Ruby version management: rbenv
- Version control system: git
- CSS front-end framework: bootstrap
- Source file indexer: ctags
- Headless Webkit: phantomjs

3.5 Utilities

- Partition tools:
 - Shell: bash, zsh (oneday?)
 - Terminal emulator: urxvt, Termit (oneday?), tilda
 - Comparison: vimdiff
 - Disk usage: filelight ?, ncdu ?
 - Clock synchronization: ntpd
 - System monitoring: conky?, htop,
 - System information viewer: alsi?,
 - Clipboard manager: xclip
 - Wallpaper setter: feh
 - Package management: pacman, packer
 - Terminal multiplexer: tmux
 - Window manager: xmonad
 - application launcher: dmenu
 - finance: gnucash
 - Time management: taskwarrior, wyrd (oneday)
 - Login manager: slim, gdm
-

3.6 Documents

- Office suite: libreoffice, google docs
- Document markup language: asciidoc, pandoc
- Spreadsheets: libreoffice calc
- Scientific documents: latex
- Text editor: vim
- E-book reader: calibre
- Pdf/Djvu/postscript/comicbook viewer: zathura
- Comic book viewer: zathura, mcomix?, qcomicBook ?
- Terminal pagers: less, vimpager
- Chm: chmsee
- OCR software: ?
- Note taking organizers: org-mode ?
- Flash card: Anki

3.7 Security

- Security scanner: nmap
- Network intrusion prevention and detection system: snort
- Network protocol analyzer: wireshark
- Vulnerability scanner: nessus
- Intrusion detection system: tripwire
- Backup program: #TODO
- Screen locker: xscreensaver
- Hash checker: md5sum
- Encryption: gnupg, pgp ?
- Router simulator: gns

3.8 System

- Operating system: Arch Linux
- Virtual server: virtualbox
- System and service manager: systemd
- Job scheduler: systemd/cron
- Self-monitoring, analysis and reporting: smartmontools

3.9 Science

- Calculator: bc
- Numerical computation: octave?
- Statistic: R
- Data evaluation: gnuplot

4 To do

- Extend the dotfiles for other applications.
 - Create a Rake script for the creation of the symlinks.
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