

Installation

Main program

You need to install ranger through your package manager or via the source

Dependencies

You can install the following software:

- python-chardet: in case of encoding detection problems
- sudo: to use the “run as root”-feature
- libcaca: for ASCII-art image previews
- highlight: for syntax highlighting of code
- atool: for previews of archives
- w3m: for previews of images and html pages
- lynx: for previews of html pages
- elinks: for previews of html pages
- poppler: for pdf previews
- transmission-cli: for viewing bittorrent information
- mediainfo: for viewing information about media files
- perl-image-exiftool: for viewing information about media files

Configuration

First run

```
ranger --copy-config=all
```

Output

```
creating: /home/warnaud/.config/ranger/rifle.conf
creating: /home/warnaud/.config/ranger/commands.py
creating: /home/warnaud/.config/ranger/commands_full.py
creating: /home/warnaud/.config/ranger/rc.conf
creating: /home/warnaud/.config/ranger/scope.sh
```

```
> Please note that configuration files may change as ranger evolves.
   It's completely up to you to keep them up to date.
```

```
> To stop ranger from loading both the default and your custom rc.conf,
   please set the environment variable RANGER_LOAD_DEFAULT_RC to FALSE.
```

We just copied the default configuration files to our home

First Setup

Image display

You can display images in the terminal! just add/modify in `~/.config/ranger/rc.conf`:

```
# Use one of the supported image preview protocols
set preview_images true
```

By default it is set with w3m:

```
set preview_images_method w3m
```



If the images doesn't show up correctly (as for me) please set:

```
# Draw borders around columns?
set draw_borders true
```

VCS display

```
# Be aware of version control systems and display information.
set vcs_aware true
```



Works with git/mercurial/bzr



→ <http://lists.nongnu.org/archive/html/ranger-users/2013-03/msg00007.html> for a complete explanation

CheatSheet

Key combination for Ranger:

ranger cheatsheet <http://ranger.nongnu.org> git clone <https://github.com/hut/ranger> #ranger on irc.freenode.net

ESC abort	F1 help	F2	F3 inspect file	F4 edit	F5 copy	F6 cut	F7 :mkdir	F8 :delete	F9	F10 quit	F11	F12	
~	! :shell	@ :shell %s	# :shell -p	\$	%	^	&	*	()	=	+ chmod (2)	
~ open bookmarks	1 (1)	2 (1)	3 (1)	4 (1)	5 (1)	6 (1)	7 (1)	8 (1)	9 (1)	0 (1)	=	= chmod (2)	
TAB prev. tab	Q quit	W show log	E edit	R reload this directory	T	Y	U	I rename (insert)	O	P	{	} traverse sub-directories	
tab next tab	q close tab	w show back-ground tasks	e	r :open_with	t tag files	y yank (3)	u undo	i inspect file	o sort	p paste (3)	[] move up in parent dir	
				^R reset ranger			^U move up half page] move down in parent dir	
CAPSLOCK	A rename (append)	S open shell	D	F	G go to top	H back in history	J move down half page	K move up half page	L forward in history	:	console	o	open bookmarks
	a rename (skip extension)	s :shell	d cut (3) (4)	f :find	g :cd ... (4)	h go up 1 directory	j move down	k move up	l enter dir/ open file	:	console	o	tag files with custom tag
			^D move down half page	^F move down 1 page		^H toggle hidden files			^L redraw				
SHIFT	Z ZZ/ZQ = quit	X	C	V visual mode	B	N search previous	M change (5) linemode	<	>	?	show help		
	z toggle options	x	c select files in certain order	v invert selection	b	n search next	m save bookmark	^	*	/	:/search		
			^C abort task		^B move up 1 page	^N new tab							

Macros can be used in commands. They are like global variables with dynamic content:

- %f The base name of the current file
- %d The path of the current directory
- %s The names of the currently selected files
- %t The names of all tagged files in this directory
- %c The paths of the currently copied files
- %any The key used in a key binding with "<any>" Example: `map x<any> shell -w echo %any`
- %rangerdir The path to the ranger python module
- %space Just a space, to avoid typing trailing spaces

Example: `map yp shell echo %d%f | xsel -i`
They can be escaped by replacing % with %%.

Config files: run "`ranger --copy-config=all`" to copy the default config files to `~/.config/ranger/`.

rc.conf: A list of commands that are executed when ranger starts. Options, key bindings and aliases are found here. Pro tip: Adding "`export RANGER_LOAD_DEFAULT_RC=FALSE`" to your shell rc will skip loading the default rc.conf before your own.

commands.py: A python script containing custom commands

rifle.conf: Rules for rifle, the file opener. Each line looks like `list of conditions = command`

When ranger opens a file, it tests those conditions. The first command where all conditions are true will be executed.

scope.sh: The script that generates file previews.

Plugins can be put in the **plugins/** subdirectory, colorschemes in **colorschemes/**. See `/usr/share/doc/ranger/examples/`.

(1) numbers can be used as a quantifier in various commands, for example 5j will move the cursor down 5 by lines, 3<space> selects 3 files, 4<TAB> moves you to the 4th tab.

(2) the keys -, + and = change the permissions of files. See "man chmod".

[+-][augo][rwxXst] (e.g. +gw means "add write permissions to the group")

[+-][rwxXst] (e.g. -x means "remove execute permissions from everybody")

<octal>= (e.g. 777= means "give full permissions to everybody")

(3) yank, copy, paste: To copy files, select them with the cursor (or <space>, in case of multiple files) → type **dd** (to cut) or **yy** (to copy) → move to the destination → type **pp**. Type **da** (or **ya**) to add files to the copy buffer, allowing you to copy from multiple folders.

(4) **d** also starts the keybindings **dc** (calculate size of the content of a directory), **du/du** (calculate directory size with the "du" program), **dD** (open the console with ":delete")

(5) **M<key>** changes the *linemode* - the way files are drawn. **Mf** draws just the file name, **Mp** draws permissions, **Mi** draws file type information, **Mt** draws metadata, as defined with the **:meta** command. You can add custom linemodes as described in `/usr/share/doc/ranger/examples/plugin_linemode.py`

References

- <https://wiki.archlinux.org/index.php/Ranger>
- [Main site / Wiki / Documentation](#)

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Permanent link: <https://wiki.fortier-family.com/software/cli/ranger>

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