ranger cheatsheet

https://ranger.github.io git clone https://github.com/ranger/ranger **#ranger** on irc.libera.chat

ESC abort	**F1** help	**F2**	**F3** inspect file	**F4** edit	**F5** copy	**F6** cut	**F7** :mkdir	**F8** :delete	**F9**	**F10** quit	**F11**	**F12**
~ ` open bookmarks	**!** :shell **1** (1)	**@** :shell %s **2** (1)	**#** :shell -p **3** (1)	**$** **4** (1)	**%** **5** (1)	**^** **6** (1)	**&** **7** (1)	***** **8** (1)	**(** **9** (1)	**)** **0** (1)	**_** **-** chmod **(2)**	**+** chmod **(2)** **=** chmod **(2)**
TAB prev. tab **tab** next tab	**Q** quit **q** close tab	**W** show log **w** show background tasks	**E** edit **e**	**R** reload this directory **r** :open_with **^R** reset ranger	**T** **t** tag files	**Y** **y** yank **(3)**	**U** **u** undo **^U** move up half page	**I** :rename (insert) **i** inspect file	**O** **o** sort	**P** **p** paste **(3)**	**{** **[** move up in parent dir	**}** traverse subdirectories **]** move down in parent dir
CAPSLOCK	**A** :rename (append) **a** :rename (skip extension)	**S** open shell **s** :shell	**D** **d** cut **(3) (4)** **^D** move down half page	**F** **f** :find **^F** move down one page	**G** go to top **g** :cd ...	**H** back in history **h** go up 1 directory **^H** toggle hidden files	**J** move down half page **j** move down	**K** move up half page **k** move up	**L** forward in history **l** enter dir/ open file **^L** redraw	**:** console **;** console	**'** open bookmarks **"** tag files with custom tag	
SHIFT	**Z** ZZ/ZQ = quit **z** toggle options	**X** **x**	**C** **c** select files in certain order **^C** abort task	**V** visual mode **v** invert selection	**B** **b** **^B** move up one page	**N** search previous **n** search next **^N** new tab	**M** change **(5)** linemode **m** save bookmark	**<** **,**	**>** **.**	**?** show help **(6)** **/** :search		
SPACE mark	**INSERT** :touch	**HOME** move to first element	**END** move to last element	**PAGE UP** move up one page	**PAGE DOWN** move down one page							

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 key bindings **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*
(6) ? starts the key bindings **m** (man page), **k** (key bindings), **c** (commands), **s** (settings)

Commands can be typed in by pressing : or added to ~/.config/ranger/rc.conf to apply then whenever ranger starts. All commands are listed in the man page. Some important ones:
:shell [<flags>] <command> calls the given <command> with the shell specified in the environment variable $SHELL. <flags> can be "-f" to fork the process or "-p" to pipe the output to a pager. Macros like %f and %s are especially useful here. Example: ":shell -f inkscape %f" or ":shell sudo cp %c ./"
:alias <new> <old> creates the command <new> that calls <old>. The neat thing is that you can pass arguments to the next command. Example: ":alias touch shell touch" will allow you to type ":touch FILE", which will be translated to ":shell touch FILE".
:map <key> <command> makes the <key> run <command> when pressed. This is the typical way to define key bindings in rc.conf. There is also "pmap" to define keys in the pager and "unmap" and "punmap" to remove key bindings.