

Raspberry Pi/Linux cheat sheet

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1 Vocabulary

- Linux - A large family of Free Open Source Operating systems.
- NOOBS - New Out Of the Box Software - Installer made by Raspberry Pi foundation to make setup easy
- BASH - Bourne Again SHell - popular command line interpreter for Linux
- Raspian - Raspberry Pi Foundations Version of Linux (based on Debian, another popular version)

2 Moving Around/Moving Files

Function	Command
change diretory	cd directory
list directory software	ls
print current directory	pwd
delete file	rm file
copy file non	cp file _from

3 Shortcuts

Function	Command
select previous/next command	up-arrow/down-arrow
show previous commands	history
select specific command	!number <where number is from history)
search backwards previous command	cntl-r (cntl-r again gets next match)
search forwards previous command	cntl-s (cntl-s again gets next match)
autocomplete command	tab

4 Permissions/execution

Function	Command
execute a command as root	sudo command_to_execute
change a file to be executable	chmod +x file
execute a command in current directory	./command_to_execute

5 Installing Software

Function	Command
see if a program is installed	which program_name_to_check
install a program	sudo apt-get install program
remove a program	sudo apt-get remove program