1 CheatSheet: Ubuntu Apt   Linux

- PDF Link: cheatsheet-apt-A4.pdf, Category: linux

- Blog URL: `https://cheatsheet.dennyzhang.com/cheatsheet-apt-A4`

- Related posts: CheatSheet: shell, #denny-cheatsheets

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1.1 Install packages in Debian/Ubuntu

Name	Command
Install apt-add-repository	`apt-get install software-properties-common`
Install ps	`apt-get update` && `apt-get install -y procps`
Install ping	`apt-get update` && `apt-get install -y iputils-ping`
Install ssh/scp	`apt-get install openssh-client`

1.2 Basic

Name	Command
Install package for a given version	`apt-get install ruby2.3 ruby2.3-dev`
Install/remove package	`apt-get install curl`, `which curl`, `apt-get remove curl`
Reinstall package	`apt-get install --reinstall procp`
Search package by file name	Install `apt-file` package, then `apt-file search --regexp '/XXX$'`
Start a ubuntu test container	`docker run --rm -t -i --name test --entrypoint=/bin/sh ubuntu:14.04`
Start a ubuntu kubernetes pod	`kubectl run --rm -i -t --image=ubuntu:14.04 test -- sh`
Parse log for install/remove operations	`grep 'install ' /var/log/dpkg.log`, `grep 'remove ' /var/log/dpkg.log`
Download without install	`apt-get download curl`, `ls -lth curl*.deb`
Update package list	`apt-get update`
dpkg/aptitude/apt/apt-get	

1.3 dpkg

Name	Command
List all installed packages	`dpkg -l`
Install deb package	`dpkg -i some.deb`
Remove a package including conf files	`dpkg -P some.deb`
Check whether a package file has been installed before	`dpkg -s some.deb`

1.4 Apt

Name	Command
Update packages	`apt update`, `apt update -y`
Upgrade all existing packages	`apt upgrade`
Install/remove package	`apt install curl`, `which curl`, `apt remove curl`
Search package	`apt search curl`

1.5 apt-cache

Name	Command
Search package	`apt-cache search curl`
Show package records	`apt-cache show curl`
Show package reverse dependencies	`apt-cache rdepends curl`

1.6 More Resources

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  `https://github.com/trimstray/apt-essentials`