1.package: tarball(tar.gz)　　platform:all

./configure --prefix=***/usr/local***　　make　　make install

2.package:rpm　　platform:redhat

①/etc/yum.repos.d/xx.repo

②yum makecache　　yum update

③yum search keyword　　yum install pkg　　yum remove pkg　　rpm -ivh /path/xx.rpm

④rpm -qa　　rpm -ql pkg　　rpm -qf /xx/xx

3.package:rpm　　platform:suse

①/etc/zypp/repos.d/xx.repo　　zypper repos/lr

②zypper refresh/ref　　zypper clean　　zypper update/up

③zypper search/se keyword　　zypper install/in pkg　　zypper remove/rm pkg　　rpm -ivh /path/xx.rpm

④rpm -qa　　rpm -ql pkg　　rpm-qf /xx/xx

4.package:deb　　platform:debian

①/etc/apt/sources.list

②apt-get update　　apt-get upgrade

③apt-cache search keyword　　apt-get install pkg　　apt-get remove pkg　　dpkg -i /path/xx.deb

④dpkg -l　　dpkg -L pkg　　dpkg -S /xx/xx

5.package:tar.bz2　　platform:gentoo

①/usr/portage/pkg_a/pkg_b/xx.ebuild　　/usr/portage/distfiles/xx.tar.bz2 /etc/portage/make.conf

②emerge-webrsync　　emerge --sync　　emerge --update --ask @world (--deep)

③emerge --search keyword　　emerge pkg　　emerge --unmerge pkg

④gentoolkit: equery list '*'　　equery files pkg　　equery belongs /xx/xx

6.package:pkg.tar.xz　　platform:archlinux

①/etc/pacman.conf(repository)　　/etc/pacman.d/mirrorlist

/var/cache/pacman/pkg/xx.pkg.tar.xz　　/var/lib/pacman/local/xx

/var/lib/pacman/sync/xx

②pacman -Syy   pacman -Syu

③pacman -Ss keyword   pacman -S pkg   pacman -R pkg   pacman -U

/path/xx.pkg.tar.xz

④pacman -Q   pacman -Ql pkg   pacman -Qo /xx/xx

7.package:txz   platform:slackware

①/var/log/packages/xx(information)   /var/log/script/xx(script)

/var/log/removed_packages/xx(information)   /var/log/removed_scripts/xx(script)

②installpkg /path/xx.txz   removepkg pkg   upgradepkg /path/xx.txz

compilation toolchain

①make

②gcc   g++   binutils   gdb

③headers of kernel: redhat - kernel-devel   debain - linux-headers-$(uname -r)

/usr/src/linux-$(uname -r)/xx   /usr/src/linux-$(uname -r)/include/xx

/lib/modules/$(uname -r)/kernel/xx.ko   /lib/modules/$(uname -r)/build/xx (reference)

/lib/modules/$(uname -r)/source/xx (reference)