

Verification and Repair

Action	Arch	Red Hat/Fedora	Debian/Ubuntu	SLES/openSUSE	Gentoo
Verify single package	pacman -Qk[k]	rpm -V	debsums	rpm -V	equery check
Verify all packages	pacman -Qk[k]	rpm -Va	debsums	rpm -Va	equery check
Reinstall given Package - Will reinstall the given package without dependency hassle.	pacman -S	dnf reinstall	apt install --reinstall	zypper install --force	emerge -iO
Verify dependencies of the complete system. Used if installation process was forcefully killed.	pacman -Dk	dnf repoquery --requires	apt-get check	zypper verify	emerge -uDN world
Use some magic to fix broken dependencies in a system	pacman dep level - pacman -Dk, shared lib level - findbrokenpkgs or lddd	dnf repoquery --unsatisfied	apt-get --fix-broken aptitude install	zypper verify	revdep-rebuild
Add a checkpoint to the package system for later rollback		(unnecessary, done on every transaction)		n/a	

Sheet1

Remove a checkpoint from the system	N/A	N/A	n/a
Provide a list of all system checkpoints	N/A	dnf history list	n/a
Rolls entire packages back to a certain date or checkpoint.	N/A	dnf history rollback	n/a
Undo a single specified transaction.	N/A	dnf history undo	n/a