Linux Package Management Cheatsheet

APT, Yum and Zypper Package Management Tools Cheatsheet adopted from Danilo Dellaquila

Managing Packages

Task	apt (deb)	yum (rpm)	zypper (rpm)
Install from repository	apt-get install pkg-name	yum install pkg-name	zypper install pkg-name
Update package	apt-get install pkg-name	yum update pkg-name	zypper update -t package pkg-name
Remove package	apt-get remove pkg-name	yum erase pkg-name	zypper remove pkg-name
Install from package file	dpkg -i pkg-name	yum localinstall pkg-name	zypper install pkg-name

Searching Packages

Task	apt (deb)	yum (rpm)	zypper (rpm)
Search by package name	apt-cache search pkg-name	yum list pkg-name	zypper search pkg-name
Search by pattern	apt-cache search pattern	yum search pattern	zypper search -t pattern pattern
Search by file name	apt-file search path	yum provides file	zypper wp file
List installed packages	dpkg -l	rpm -qa	zypper search -is
Show package information	apt-cache show pgk-name	yum info pkg-name	zypper info pkg-name

Updating the System

Task	apt (deb)	yum (rpm)	zypper (rpm)
Update package list	apt-get update	yum check-update	zypper refresh
Update system	apt-get upgrade	yum update	zypper update

Working with Software Repositories

Task	apt (deb)	yum (rpm)	zypper (rpm)
List repositories	cat /etc/apt/sources.list	yum repolist	zypper repos
Add repository	*edit* /etc/apt/sources.list	*add to* /etc/yum.repos.d/	zypper addrepo URI name
Remove repository	*edit* /etc/apt/sources.list	*remove from* /etc/yum.repos.d/	zypper removerepo name

Tags: linux centos debian ubuntu suse

[1] D. Dellaquila, "Linux Package Management Cheatsheet," Danilo Dellaquila Blog, 01-Jan-1970. [Online]. Available: https://danilodellaquila.com/en/blog/linux-package-management-cheatsheet. [Accessed: 05-Dec-2021].