**rpm command cheat sheet for Linux**

rpm is a powerful Package Manager for Red Hat, Suse and Fedora Linux. It can be used to build, install, query, verify, update, and remove/erase individual software packages. A Package consists of an archive of files, and package information, including name, version, and description:

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| **Syntax** | **Description** | **Example(s)** |
| rpm -ivh {rpm-file} | Install the package | rpm -ivh mozilla-mail-1.7.5-17.i586.rpm rpm -ivh --test mozilla-mail-1.7.5-17.i586.rpm |
| rpm -Uvh {rpm-file} | Upgrade package | rpm -Uvh mozilla-mail-1.7.6-12.i586.rpm rpm -Uvh --test mozilla-mail-1.7.6-12.i586.rpm |
| rpm -ev {package} | Erase/remove/ an installed package | rpm -ev mozilla-mail |
| rpm -ev --nodeps {package} | Erase/remove/ an installed package without checking for dependencies | rpm -ev --nodeps mozilla-mail |
|  |  |  |
| rpm -qa | Display list all installed packages | rpm -qa rpm -qa | less |
| rpm -qi {package} | Display installed information along with package version and short description | rpm -qi mozilla-mail |
| rpm -qf {/path/to/file} | Find out what package a file belongs to i.e. find what package owns the file | rpm -qf /etc/passwd rpm -qf /bin/bash |
| rpm -qc {pacakge-name} | Display list of configuration file(s) for a package | rpm -qc httpd |
| rpm -qcf {/path/to/file} | Display list of configuration files for a command | rpm -qcf /usr/X11R6/bin/xeyes |
| rpm -qa --last | Display list of all recently installed RPMs | rpm -qa --last rpm -qa --last | less |
| rpm -qpR {.rpm-file} rpm -qR {package} | Find out what dependencies a rpm file has | rpm -qpR mediawiki-1.4rc1-4.i586.rpm rpm -qR bash |

{package} - Replace with actual package name