

Zypper Cheat Sheet

More Information:

<http://en.opensuse.org/Zypper/Usage> or type `man zypper` on a terminal

Page 1



Basic Help

`zypper #list` the available global options and commands
`zypper help [command]` or `zypper -h [command]` or
`zypper [command] -h #Print help for a specific command`
`zypper shell` or `zypper sh #Open a zypper shell session`

Repository Management

Listing Defined Repositories

`zypper repos` or `zypper lr`

Examples:

`zypper lr -u #include repo URI on the table`
`zypper lr -P #include repo priority and sort by it`

Refreshing Repositories

`zypper refresh` or `zypper ref`

Examples:

`zypper ref packman main #specify repos to be updated`
`zypper ref -f upd #force update of repo 'upd'`

Modifying Repositories

`zypper modifyrepo` or `zypper mr`

Examples:

`zypper mr -d 6 #disable repo #6`
`zypper mr -rk -p 70 upd #enable autorefresh and rpm files 'caching' for 'upd' repo and set its priority to 70`
`zypper mr -Ka #disable rpm files caching for all repos`
`zypper mr -ka #enable rpm files caching for all repos`

Adding Repositories

`zypper addrepo` or `zypper ar`

Example:

`zypper ar http://download.opensuse.org/distribution/11.1/repo/oss/`

Removing Repositories

`zypper removerepo` or `zypper rr`

Examples:

`zypper rr packman main`

Renaming Repositories (for the alias only)

`zypper namerepo` or `zypper nr`

Examples:

`zypper nr 3 upd`

Package Management

Selecting Packages

By capability name:

`zypper in eclipse`

`zypper in qt`

By capability name and/or architecture and/or version

`zypper in 'zypper<0.12.10'`

`zypper in zypper.i586=0.12.11`

By exact package name (--name)

`zypper in -n ftp`

By exact package name and repository (implies --name)

`zypper in factory:zypper`

By package name using wildcards

`zypper in yast*ftp*`

By specifying a .rpm file to install

`add example`

Installing Packages

`zypper install` or `zypper in`

Examples:

`zypper install git`

By capability they provide

`zypper in MozillaFirefox \< 3`

Others

`zypper in yast* #install all yast modules`

`zypper in -t pattern lamp_server #install lamp_server pattern (packages needed for a LAMP server)`

`zypper in vim -emacs #install vim and remove emacs`

`zypper in amarok upd:libxine1 #install libxine1 from upd`

Removing Packages

`zypper remove` or `zypper rm`

Examples:

`zypper remove sqlite`

Export/Import Repositories

`zypper repos --export` or `zypper lr -e`

Examples:

`zypper lr --export backups/repos/foo.repo`

`zypper ar backups/repos/foo.repo #import`

Source Packages and Build Dependencies

`zypper source-install` or `zypper si`

Examples:

`zypper si zypper`

Install only the source package

`zypper in -D zypper`

Install only the build dependencies

`zypper in -d zypper`

Updating Packages

`zypper update` or `zypper up`

Examples:

`zypper up #update all installed packages with newer version as far as possible`

`zypper up libzypp zypper #update libzypp and zypper`

`zypper in sqlite3 #update sqlite3 or install if not yet installed`

Zypper in Scripts and Applications

Non Interactive Mode

`zypper --non-interactive`

Examples:

`zypper --non-interactive update #skips all interactive patches which would require user confirmation`

No GPG Checks Mode

`zypper --no-gpg-checks`

Auto-agree with Licenses

`zypper --auto-agree-with-licenses`

Quiet Output

`zypper --quiet`

XML Output

`zypper --zmlout`