

For Zypper version 1.0.9

## Basic Help

```
zypper #list the available global options and commands
zypper -h [command] #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 -kt # enable rpm files caching for remote repos
```

### Adding Repositories

```
zypper addrepo or zypper ar
```

Example:

```
zypper ar http://download.opensuse.org/update/11.1/ update
```

### 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 'perl(Log::Log4perl)'
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

```
zypper in skype-2.0.0.72-suse.i586.rpm
```

### Installing Packages

```
zypper install or zypper in
```

Examples:

```
zypper install git
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 patch #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 --xmlout
```