

**Exercise 31.2** Using zypper to Find Information About a Package

Using **zypper** (and not **rpm** directly), find:

1. All packages that contain a reference to **bash** in their name or description.
2. Installed and available **bash** packages.
3. The package information for **bash**.
4. The dependencies for the **bash** package.

Try the commands you used above both as **root** and as a regular user. Do you notice any difference?

Solution 31.2

1. `$ zypper search -d bash`

Without the `-d` option only packages with **bash** in their actual name are reported. You may have to do `zypper info` on the package to see where **bash** is mentioned.

2. `$ zypper search bash`
3. `$ zypper info bash`
4. `$ zypper info--requires bash`

will give a list of files **bash** requires. Perhaps the easiest way to see what depends on having **bash** installed is to do

```
$ sudo zypper remove --dry-run bash
```

For this exercise **bash** is a bad choice since it is so integral to the system; you really can't remove it anyway.