

**Exercise 9.1** Basic zypper Commands

1. Check to see if there are any available updates for your system.
2. Update a particular package.
3. List all repositories the system is aware of, enabled or not.
4. List all installed kernel-related packages, and list all installed or available ones.
5. Install the **apache2-devel** package, or anything else you might not have installed yet. (Note **httpd** is **apache2** on **SUSE** systems.)  
Doing a simple:

```
$ sudo zypper search
```

will let you see a complete list; you may want to give a wildcard argument to narrow the list.

**Solution 9.1**

1. 

```
$ zypper list-updates
```
2. 

```
$ sudo zypper update bash
```
3. 

```
$ zypper repos
```
4. 

```
$ zypper search -i kernel
$ zypper search kernel
```
5. 

```
$ sudo zypper install apache2-devel
```