



Exercise 1.1: Obtaining Some System Information

- Open up a command line terminal window; there are a number of ways to do this as we shall discuss later. If you do not see it under Applications->Accessories or Applications->System Tools, do Alt-F2 and type in **gnome-terminal**.
- The **uname** utility will provide some basics. If you type

```
$ uname --help
```

you will get:

```
$ uname --help
```

```
Usage: uname [OPTION]...
```

```
Print certain system information.  With no OPTION, same as -s.
```

```
-a, --all                print all information, in the following order,
                        except omit -p and -i if unknown:
-s, --kernel-name        print the kernel name
-n, --nodename           print the network node hostname
-r, --kernel-release     print the kernel release
-v, --kernel-version     print the kernel version
-m, --machine            print the machine hardware name
-p, --processor          print the processor type or "unknown"
-i, --hardware-platform  print the hardware platform or "unknown"
-o, --operating-system    print the operating system
--help                  display this help and exit
--version               output version information and exit
```

Try some of the options.

- Other basic commands you might try are:

```
$ df
$ free
$ less /proc/meminfo
$ more /proc/cpuinfo
$ cat /proc/version
```