11.6: BONUS SECTION FOR UNIX / LINUX USERS

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Support for searching files using regular expressions was built into the Unix operating system since the 1960s and it is available in nearly all programming languages in one form or another.

As a matter of fact, there is a command-line program built into Unix called *grep* (Generalized Regular Expression Parser) that does pretty much the same as the `search()` examples in this chapter. So if you have a Macintosh or Linux system, you can try the following commands in your command-line window.

```
$ grep '^From:' mbox-short.txt
From: stephen.marquard@uct.ac.za
From: louis@media.berkeley.edu
From: zqian@umich.edu
From: rjlowe@iupui.edu
```

This tells `grep` to show you lines that start with the string "From:" in the file `mbox-short.txt`. If you experiment with the `grep` command a bit and read the documentation for `grep`, you will find some subtle differences between the regular expression support in Python and the regular expression support in `grep`. As an example, `grep` does not support the non-blank character "\ S" so you will need to use the slightly more complex set notation "[^]", which simply means match a character that is anything other than a space.