

## 15.8 Wrap-Up

In this chapter, you learned how to manipulate persistent data. We compared byte-based and character-based streams, and introduced several classes from packages `java.io` and `java.nio.file`. You used classes `Files` and `Paths` and interfaces `Path` and `DirectoryStream` to retrieve information about files and directories. You used sequential file processing to manipulate records that are stored in order by the record-key field. You used XML serialization to store and retrieve entire objects. The chapter concluded with a small example of using a `JFileChooser` dialog to allow users to easily select files from a GUI. The next chapter discusses Java's classes for manipulating collections of data—such as class `ArrayList`, which we introduced in [Section 7.16](#).