15 Files, Input/Output Streams, NIO and XML Serialization

Objectives

In this chapter you'll:

- Create, read, write and update files.
- Retrieve information about files and directories using features of the NIO.2 APIs.
- Learn the differences between text files and binary files.
- Use class `Formatter` to output text to a file.
- Use class `Scanner` to input text from a file.
- Use sequential file processing to develop a real-world credit-inquiry program.
- Write objects to and read objects from a file using XML serialization and the JAXB (Java Architecture for XML Binding) APIs.
- Use a `JFileChooser` dialog to allow users to select files or directories on disk.
- Optionally use `java.io` interfaces and classes to perform byte-based and character-based input and output.

Outline

5. Making a Difference