

Important Information about the CD-ROM

Information Systems Programming with Java™, Second Edition

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NOTE: The *staugIOReadMe* file referred to in the textbook is missing from this first printing CD. In addition, the readme file on the CD is incorrect relative to installation of the *staugIO* package. Please refer to this document or the textbook Web site in lieu of the CD for this information.

Using the staugIO Package

The *staugIO* package includes the *StaugIO* class which provides convenient GUI dialog boxes and information boxes for keyboard input and display output. Much of the code within this text imports this package to provide easy I/O while students are learning the Java language basics and until they learn how to create GUIs of your own in Chapters 11 and 12. To use the *staugIO* package you should first copy the *staugIO* folder on this CD to the directory where most of your Java projects and programs will reside. This is referred to as your “working directory.” Once placed in your working directory, you must use your IDE to set a path to the *staugIO* directory so that the IDE knows how to find it when it is imported into a program. The following is a summary of how to set the package path for both the *Sun ONE Studio* and *JBuilder* IDE’s. I also suggest that, when you want to run a given Java program on the text CD, you first copy it into your working directory, then compile and run it from this directory. The Java program source files and the *staugIO* package are found within their respective chapter directories in the *content/TextSourceCode* directory on the CD.

Sun ONE Studio Community Edition

Select *Mount Filesystems* from the *Files* menu.

A *Filesystems* wizard will appear with a directory tree. Select *Local Directory* and click the *Next* button. A *Select Directory* window will appear showing your local directory tree. Browse the tree until you find the folder containing the *staugIO* folder (your working directory) then select this folder and click the *Finish* button.

Note: To compile and execute a Java source file from the text CD, first copy it to your working directory, then open the file in the source editor. Compile and execute the program.

JBuilder Personal Edition

Select *Default Project Properties* from the *Projects* menu.

Select the *Paths* tab on the *Project Properties* window.

Select the *Required Libraries* tab.

Click the *Add* button.

Click *New* and the *New Library Wizard* window will appear.

Type the package name, *staugIO*, in the *Name* field.

Make sure the *Location* field indicates *User Home*. If not, select this option from the drop down menu.

Click the *Add* button. Browse the tree and select the directory that contains the *staugIO* folder (your working directory).

Click OK. The *New Library Wizard* should appear showing the path to the *staugIO* package in the *Library Paths* window.

Click OK. The *Select Libraries Window* should appear showing the *staugIO* package under the *User Home* directory.

Click OK. The *Project Properties* window should appear showing the *staugIO* package in the *Required Libraries* window.

Click OK.

Note: To compile and execute a Java source file from the text CD, first copy it to your working directory and add it to a project. Make sure your working directory path appears in the project properties source path window (*Project/Project Properties/Paths/Source*). If not, add it. Edit the run time properties (*Project/Project Properties/Run*) to reflect the new file. Compile and execute the program.