# The Java Class Library

Java contains an extensive library of pre-written classes you can use in your programs. These classes are divided into groups called packages.

## The Java 1.1 packages

* java.applet
* java.awt
* java.awt.datatransfer
* java.awt.event
* java.awt.image
* java.awt.peer
* java.beans
* java.io
* java.lang
* java.lang.reflect
* java.math
* java.net
* java.rmi
* java.rmi.dgc
* java.rmi.registry
* java.rmi.server
* java.security
* java.security.acl
* java.security.interfaces
* java.sql
* java.text
* java.util
* java.util.zip

Each package defines a number of classes, interfaces, exceptions, and errors.

Packages can be split into sub-packages. for example, the java.lang package has a sub-package called java.lang.reflect. These are really completely different packages. A class in a sub-package has no more access to a class in the parent package (or vice versa) than it would to a class in a completely different package.

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[elharo@metalab.unc.edu](mailto:elharo@metalab.unc.edu)

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