





- · Package names map to directory names. Each directory contains all the $\tt.class$ files for a given package
 - csl.examples.stack would map to
 - cs1/examples/stack
 - the relative pathname is then appended to each entry in the CLASSPATH variable to create a full pathname
- Sun's recommended naming convention:
 - edu.rit.cs.ptt.classes.csl.examples Packages & Inner Classes

3/14/01

Inner Classes

- Inner, or Nested, classes are standard classes declared within the scope of a standard top-level class.
- There are different kinds of inner class

Packages & Inner Classes

4

5

- nested top-level class
- member class
- local class

3/14/01

3/14/01

- anonymous class



Packages & Inner Classes





- A member class is a nested top-level class that is *not* declared static.
- This means the member class has a this reference which refers to the enclosing class object.
- Member classes cannot declare static variables, methods or nested top-level classes.

3/14/01

• Member objects are used to create data structures that need to know about the object they are contained in.

Packages & Inner Classes











Local Classes

- A local class is a class declared within the scope of a compound statement, like a local variable.
- A local class is a member class, but cannot include static variables, methods or classes. Additionally they cannot be declared public, protected, private or static.
- A local class has the ability to access *final* variables and parameters in the enclosing scope.

Packages & Inner Classes

12







