

CS150 - Inheritance

Note Title

3/21/2012

Announcements

- HW due Friday
(pt2 due next Friday)

Last time: Sorted Set

Which list functions were good?

Which were bad?

reverse
append

Is-a versus Has-a

Child - parent is called an is-a relationship.

The alternative is for a class to use a variable of the other class, which is called a has-a relationship.

Pros + cons: For sorted set, if we do the has-a relationship, we won't have the "extra" functions.

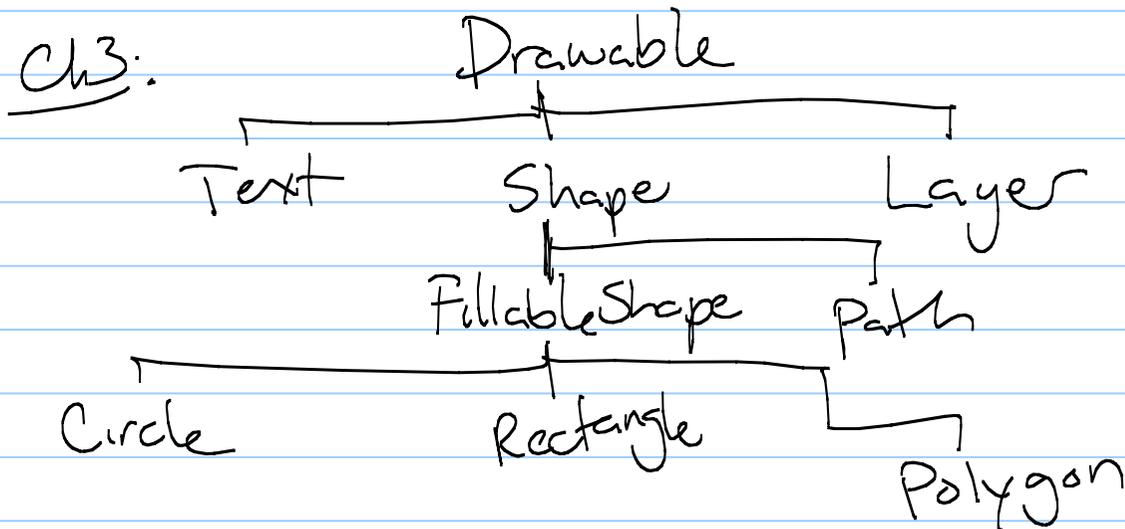
But we'll have to code all our own functions.

Ex: code sorted set again

CS1 graphics example

CS1 graphics has a lot of useful objects, but clearly, a programmer might want to include more.

So we can use inheritance here, too!



Example: Stars