

Super/base class

defines generic features for all animals:
walk()
talk()
eat()
sleep()

sub class

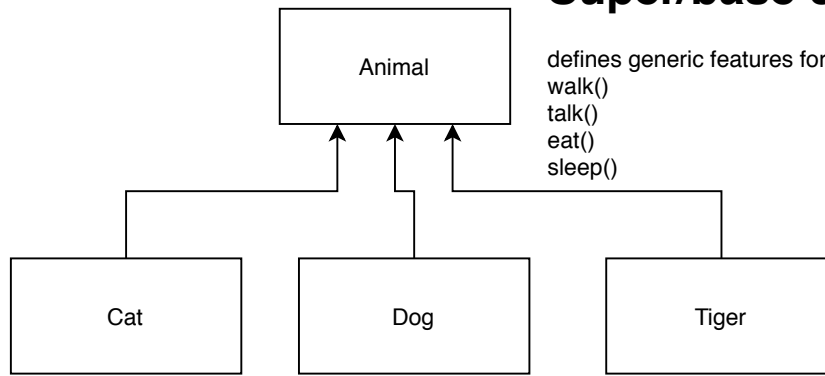
AKA derived classes.

Defines the specific features of an animal (specific animal)

Cat:
furr()
climbTree()

Dog:
playWithHuman()

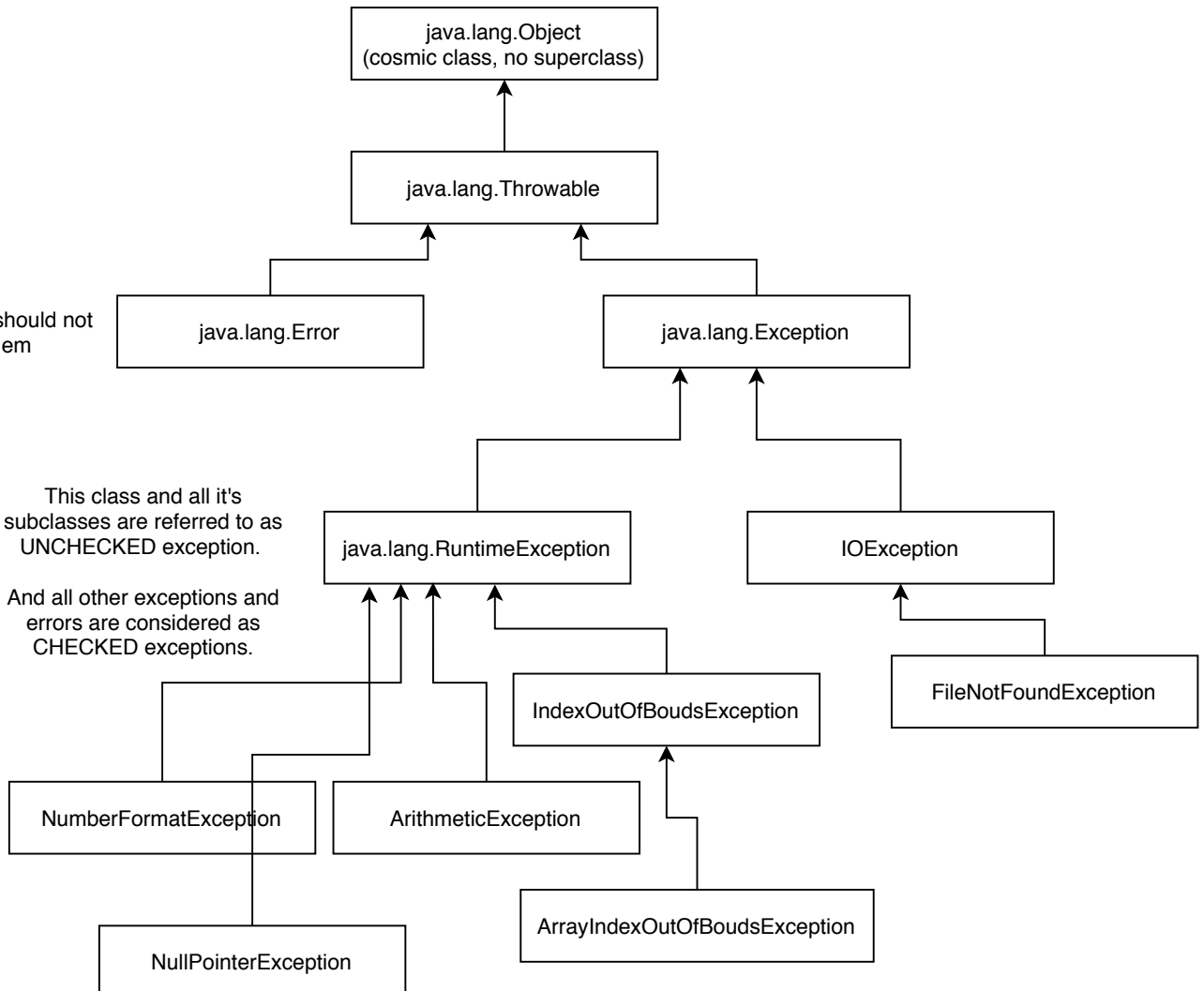
Tiger:
...
..



Normal applications should not try to handle them

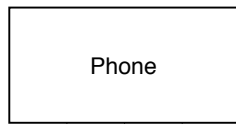
This class and all it's subclasses are referred to as UNCHECKED exception.

And all other exceptions and errors are considered as CHECKED exceptions.



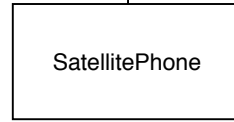
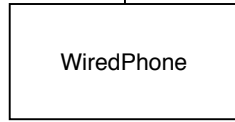
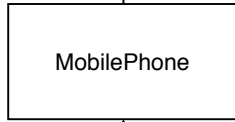
Abstract super class

abstract methods:
dialNumber()
makeCall()
takeCall()



defines the contract functionalities.
Some of them have method bodies, and some of them don't.
If a method has a body, subclasses may or many not override.
If a method is marked as final, then subclasses cannot override.
If a method does not have a body (abstract), sub classes must override.
Which means, all subclasses have that common function

must implement :
dialNumber()
makeCall()
takeCall()



must implement :
dialNumber()
makeCall()
takeCall()

storeNumber()
deleteNumber()
sendSMS()
deleteSMS()
...

must implement :
dialNumber()
makeCall()
takeCall()

