Position

xPos
yPos

+ Position()
+ Position()
+ ~Position()
+ getXPos()
+ getYPos()
+ setXPos()
+ setYPos()

Fish

xDest
yDest
moveTime
foodEaten
direction
hungerTime
fullTimeLimit
speed

+ Fish()
+ operator=()
+ eatFood()
+ move()
+ getSize()
+ getFoodEaten()
+ getDirection()
+ getHungerTime()
+ getFoodNeeded()
+ getFullTimeLimit()
+ getSpeed()
+ isHungry()

Guppy

- size
- coinTime
- coinValue
- foodEaten
- baseCoinTime

+ Guppy()
+ operator=()
+ getSize()
+ getCoinValue()
+ getCoinTime()
+ setCoinTime()
+ eatFood()
+ grow()
+ extractCoin()