



UrRobot object

```
new urRobot( street, avenue,
             direction, beepers (, color) )
```

```
move()
turnLeft()
pickBeeper()
putBeeper()
turnOff()
```

Robot is a UrRobot

```
new Robot( street, avenue,
           direction, beepers (, color) )
```

```
frontIsClear()
nextToABeeper()
nextToARobot()
anyBeepersInBeeperBag()
facingEast()
facingNorth()
facingSouth()
facingWest()
```

Directions (interface)

```
East, West, North, South, infinity
```

World

```
setDelay()
setVisible()
showSpeedControl()
placeBeepers( str, ave, number)
placeNSWall(str, ave, len north)
placeEWall(str, ave, len east)
getWorld(String)
readWorld(fileName)
saveWorld(fileName)
```

```
public class xBotRunner implements
Directions {}
```

```
public class xBot extends Robot {}
```