Arrays and New Scenarios

10/12/2009
Opening Discussion

• Minute Essay comments
  - How could we get people to check their distance to the lemur instead of walking randomly?
  - Picking from options on quizzes.
  - DPS – Division for Planetary Science
  - Why use Linux?
  - Populating arrays without hardcode.
  - Could we use arrays instead of lists in other code?
Making New Scenarios

- Greenfoot makes it fairly easy to create new scenarios.
  - Select Scenario > New.
  - Give the Scenario a name.
  - Right click on World to make the world type for this scenario.
  - Right click on Actor to make actors for this scenario.
Last Objective

- I want us to do one last objective. We have talked about having the person remember all the houses visited and not return to any. I want to implement that.
Making Our Own Lists

• In order to accomplish this new objective we have to make our own lists.

• To do this we declare a List variable like before. Only new we will use new to make one.

• It turns out that we can't make a List. We can make subtypes of List. We will use the ArrayList subtype.

  – List<House> houses=new ArrayList<House>();
Minute Essay

• Wednesday is a “show your code” and can include some review. What would you like to see us talk about/do?

• Review sessions will be held at the following times. You come with questions, we just answer them.
  – 6pm Wednesday
  – 4pm Thursday