anding





Summer Research by Brittany Terese Fasy

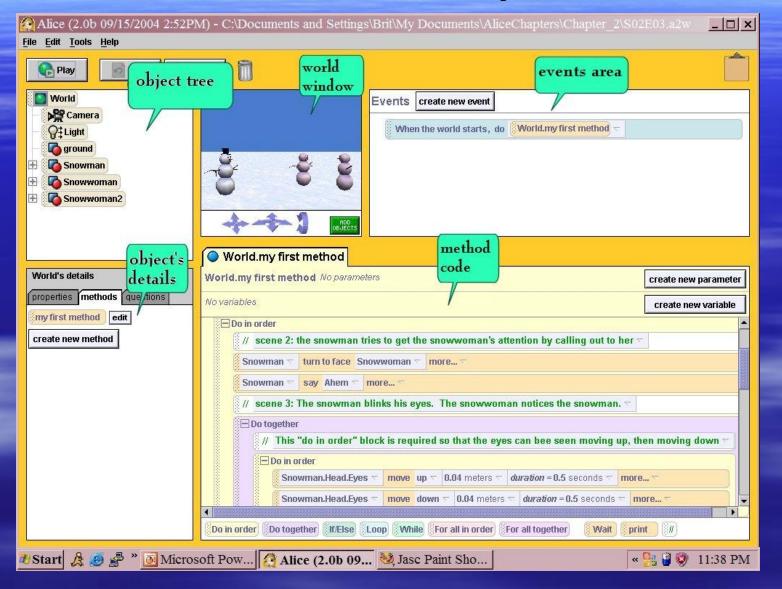
Major: Mathematics and Computer Science

Faculty Mentor: Dr. Cooper

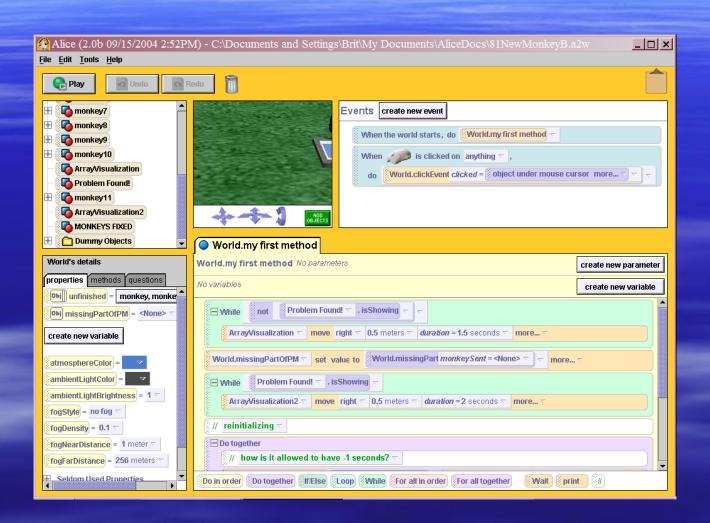
Summary

I created virtual worlds that explore possible Alice usage in a CS2 course, using Lists, Stacks, and Queues.

The Alice Template



Arrays and Lists in Alice



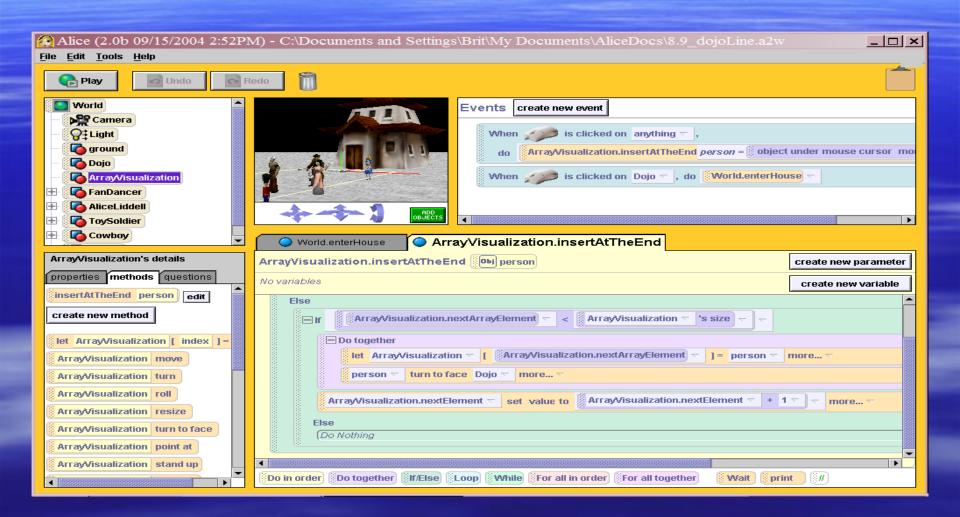
The world running:



Implementations Used:

- •2 ArrayVisualizations
- •1 List Variable

Queues in Alice



Stacks in Alice

2 initial worlds were created, with separate animal arrays.

The same empty stack is a part of both these worlds.

The user can navigate between the worlds.





