

Array Based Queues

2-17-2012

Opening Discussion

- Minute essays
 - No stacks, queues, or networking?
 - Eclipse making things as Java stuff.
 - Making the trait. Scala doesn't know what a stack is.
 - Uses of stacks and queues.
 - Why not just use arrays?
 - Setting up JUnit. Build path.
 - Manifest needed for making an array.

Unit Testing the Stack

- I got the JUnit working for my tests. I'll run you through the steps.
- Once we have that we should write some more tests.

Array Based Queue

- Now we will do the same thing for a queue. Make a MyQueue trait and an ArrayQueue class.

Other Code

- One of the most standard applications of a stack is a reverse polish calculator (RPC).
- Let's make a class for a RPC then make a command that will use it.
- Queue of commands for networking.

Minute Essay

- Questions?
- Can you see roles for stacks or queues in your project? For the queue, consider things you might want to process in the order they arrive.
- Assignment #1 needs to be turned in today.