Actors

12-2-2011
Opening Discussion

- What should we do with our actors?
To make an actor deal with a message use `receive`. The argument is a partial function with cases you want that `receive` to deal with.

Most likely this needs to happen multiple times so you put it in a loop.

`Receive` is always handled in the actors thread.
Let's make some actors that utilize receive.
React

- You only want so many threads, so applications with lots of actors need an alternate approach.
- The react method works like receive, but allows thread sharing and doesn't return.
- To make it happen multiple times embed in a call to loop.
- The actor framework balanced threads and actors share threads.
Let's come up with a fairly large actor program to write and implement it.
Let's play a little with Actors given what we know so far.
Questions?

Any final requests for the last day of class?