Networking

2-10-2012

Opening Discussion

- Minute essay comments:
  - Using artwork.
- IcP solutions

Sockets and Streams

- Let's write a simple telnet based chat room first.

- After that we can add either chat or sending drawings to our main program.

Remote Method Invocation (RMI)

- Standard socketing approach gets challenging when there are a lot of different method types. Java has RMI to help deal with this.

- Steps in RMI (for Scala)
  - Make a completely abstract trait that implements java.rmi.Remote with the methods you want to call remotely. @throws(classOf[RemoteException])
  - Implement in class that extends java.rmi.server.UnicastRemoteObject.
  - Naming.bind/rebind and Naming.lookup
  - rmiregistry

Minute Essay

- What questions do you have about networking?