

Distributed Objects and Java RMI**Objectives:**

1. Explore distributed objects.
2. Practice writing a Java RMI program.

Preparation: Before lab read the Java RMI Tutorial found at

<http://java.sun.com/j2se/1.5.0/docs/guide/rmi/hello/hello-world.html>

Laboratory Assignment:**1. Run the Non-distributed Version of Bank Program**

Copy the two files found in the `~cs355/Lab7` directory. Compile them and run `java Customer` to see what the program does.

2. Make a Distributed Object Version of the Bank Program

Modify the files of the Bank program such that the Bank is the remote object on a server. The Customer should be the client of the remote object. Use the new version of RMI found in Java 1.5.

3. Experiment

Once your Java RMI program is working, try to create an account on one host then use that account to deposit money from a different host. Does it work?

What if a customer quits then reruns the client, is her account still active?

Remember to kill the `rmiregistry` and the Bank server when you are done. No need to have them running for the next few weeks. :-)

Hand In:

Hand in a copy of the listing of all the Java files (RMI version). And the output of the Customer for a session.