CS2510: Advanced Computer Operating Systems
Project 1: Simple Remote Procedure Call – Checklist

Project Author:

First Name: *Last Name:*

Project:

1. Does the whole project compile and run properly?   YES___   NO___

2. What language was used to develop the project?   C___   C++___   Java___   Other___

    If other, please specify the language: _____

PortMapper:

1. Does the name server run properly?   YES___   NO___

2. What protocol is used for the communication between the portMapper and the server(s):

    TCP___   UDP___   Other: _____

3. What protocol is used for the communication between the portMapper and the client(s):

    TCP___   UDP___   Other: _____

4. Is the portMapper replicated?   YES___   NO___

5. Does the portMapper support load balancing?   YES___   NO___

6. Is the portMapper threaded?   YES___   NO___

7. Is mapping DB memory-resident or stored in a file? MEM___   FILE___

8. Do you handle name server failure (replication)   YES___   NO___

RPC Server:

1. Does RPC server run properly   YES___   NO___

2. What protocol is used between the server and the server(s)

      Control: TCP___   UDP___   Other_____

      Data Transfer TCP___   UDP___   Other_____

3. What protocol is used between the server and the client(s)

      Control: TCP___   UDP___   Other_____

      Data Transfer TCP___   UDP___   Other_____

4. Is RPC server replicated?   YES___   NO___

5. Is RPC server threaded?   YES___   NO___

6. Do you handle server failure?   YES___   NO___

RPC Client:

1. Does RPC client run properly?   YES___   NO___

2. Do you support multiple clients, simultaneously?   YES___   NO___

3. Is the RPC client threaded?   YES___   NO___

4. Do you handle client failure?   YES___   NO___

RPC Analysis: Describe the type of analysis, if any, that you carried out as part of this project: