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**BE-IT**

**Topic**:

**Date**:

**Create Remote interface: AddServerInterace.java**

import java.rmi.\*;

public interface AddServerInterface extends Remote

{

public int sum(int a,int b) throws RemoteException;

}

**Implement Remote Interface: Adder.java**

import java.rmi.\*;

import java.rmi.server.\*;

public class Adder extends UnicastRemoteObject implements AddServerInterface

{

  Adder()throws RemoteException{

  super();

}

public int sum(int a,int b)

{

  return a+b;

}

}

**Create Server and host rmi service: AddServer.java**

import java.rmi.\*;

import java.rmi.registry.\*;

public class AddServer {

  public static void main(String args[]) {

    try {

      AddServerInterface addService=new Adder();

      Naming.rebind("AddService",addService); //addService object is hosted with name AddService

    }

    catch(Exception e) {

      System.out.println(e);

    }

  }

}

**Create Client Application: Client.java**

import java.rmi.\*;

public class Client {

  public static void main(String args[]) {

    try{

      AddServerInterface st = (AddServerInterface)Naming.lookup("rmi://"+args[0]+"/AddService");

      System.out.println(st.sum(25,8));

    }

    catch(Exception e) {

      System.out.println(e);

    }

  }

}

**Output**:



