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CommTester.java

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```

package tests.comm;

import massim.CommMedium;
/**
 * Test class for the communication medium (CommMedium.java)
 *
 * @author Omid Alemi
 */
public class CommTester {

    public static void main(String[] args) {

        CommMedium commMedium = new CommMedium(4);
        String msg1 = "Hello";
        String msg2 = "2,3,map,bid,234";

        if (commMedium.isEmpty())
            System.out.println("THE COMM MED IS EMPTY!");

        System.out.println("The buffers for Agent 3:");
        printBuffer(commMedium.receive(3));

        System.out.println("Agent 2 sends a message to Agent 3");
        commMedium.send(2, 3, msg2);

        System.out.println("The buffers for Agent 3:");
        printBuffer(commMedium.receive(3));

        //
        System.out.println("Agent 1 broadcast a message");
        commMedium.broadcast(1, msg1);

        System.out.println("The buffers for Agent 0:");
        printBuffer(commMedium.receive(0));

        System.out.println("The buffers for Agent 1:");
        printBuffer(commMedium.receive(1));

        System.out.println("The buffers for Agent 2:");
        printBuffer(commMedium.receive(2));

        System.out.println("The buffers for Agent 3:");
        printBuffer(commMedium.receive(3));

        if (commMedium.isEmpty())
            System.out.println("THE COMM MED IS EMPTY!");
    }

    public static void printBuffer(String[] buffer) {
        for (int i=0;i<buffer.length;i++)
        {
            System.out.print("Agent "+ i+ " :");
            System.out.println(buffer[i]);
        }
    }
}

```

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