```java
1 //*******************************************************************************
2 //
3 // File:    Host.java
4 // Package: ---
5 // Unit:    Class Host
6 //
7 //*******************************************************************************
8
9 import edu.rit.sim.Simulation;
10
11 /**
12  * Class Host provides the server in the web simulation. The server's
13  * request processing time is exponentially distributed with a given mean.
14  * Requests are added to the server's queue at any time. The queue has a given
15  * maximum size.
16  *
17  * @author Jimi Ford (jhf3617)
18  * @version 22-Apr-2015
19  */
20 public class Host extends Routable
21 {
22
23     /**
24      * Construct a new server. The server's request processing time is
25      * exponentially distributed with the given mean. The server's request queue
26      * has the given maximum size.
27      *
28      * @param  sim    Simulation.
29      */
30     public Host(Simulation sim) {
31         super(sim);
32     }
33
34     /**
35      * Called when this routable object finished receiving a packet on a certain
36      * link
37      * @param packet the packet this object received
38      * @param link the link that the packet was received on
39      */
40     public void receivePacket(final Packet packet, final Link link) {
41         link.open();
42         packet.finish();
43     }
44 }
```