

ndnSIM - Bug #3059

ndn-net-device-face.t.cpp unit test occasionally fails.

07/18/2015 08:07 PM - Spyros Mastorakis

Status:	Closed	Start date:	07/18/2015
Priority:	Normal	Due date:	
Assignee:	Spyros Mastorakis	% Done:	100%
Category:	tests	Estimated time:	0.00 hour
Target version:	2.1		
Description			
Sometimes the output of <code>faceStatus.getNInInterests()</code> (line 80) is 2000 and others 1999. That is why sometimes the unit test fails.			

History

#1 - 07/18/2015 08:08 PM - Spyros Mastorakis

- Category set to tests
- Status changed from New to Code review
- Assignee set to Spyros Mastorakis
- Target version set to 2.1
- % Done changed from 0 to 90

#2 - 07/18/2015 10:13 PM - Junxiao Shi

What's the root cause of `faceStatus.getNInInterests()` off-by-one? What's that extra incoming Interest?

It's not right to simply accept both possibilities without finding the root cause.

#3 - 07/19/2015 12:37 PM - Spyros Mastorakis

The root cause is that the ndnSIM test cases are actual simulation scenarios. For this one, if you modify the stop time of the simulation from 20 sec to 20.00001 sec, then the test case does not fail.

#4 - 07/21/2015 07:54 PM - Spyros Mastorakis

- Status changed from Code review to Closed
- % Done changed from 90 to 100