

Kepler - Bug #4028

Nondeterministic Merge Actor doesn't generate output

04/25/2009 04:03 PM - jianwu jianwu

|  |              |                 |            |
|--|--------------|-----------------|------------|
| Status:  | Resolved     | Start date:     | 04/25/2009 |
| Priority:  | Normal       | Due date:       |            |
| Assignee:  | Bert Rodiers | % Done:         | 0%         |
| Category:  | actors       | Estimated time: | 0.00 hour  |
| Target version:  | 2.0.0        | Spent time:     | 0.00 hour  |
| Bugzilla-Id:   | 4028         |                 |            |
| Description  |              |                 |            |
| My workflow that used to work but does not work now. Finally I found out it is because I can not get output the Nondeterministic Merge Actor. If I revert ptolemy directory (ptolemy/domains/pn/kernel) version back to 52467, I can get output from Nondeterministic Merge Actor. |              |                 |            |

History

#1 - 04/25/2009 05:45 PM - Christopher Brooks

The change after 52467 is:

2009-02-25 16:20 rodiers

- [r52468]  
/trunk/ptolemy/domains/pn/kernel/NondeterministicMerge.java:  
Limit the number of times the inner actors are initialized.  
See [https://chess.eecs.berkeley.edu/bugzilla/show\\_bug.cgi?id=239](https://chess.eecs.berkeley.edu/bugzilla/show_bug.cgi?id=239)  
for more details.

The bug report at [https://chess.eecs.berkeley.edu/bugzilla/show\\_bug.cgi?id=239](https://chess.eecs.berkeley.edu/bugzilla/show_bug.cgi?id=239) suggests that this code was working then, and that the failure has been since the above change.

I modified NonStrictTest so that it has a requireAllCorrectValues parameter so that some of the tests in pn/test/auto will fail. There is a problem with the BrockAckermanTest in that directory not failing, but at least one of the tests there now fails.

#2 - 05/04/2009 11:14 AM - Bert Rodiers

Does your model work if you revert the version of NondeterministicMerge back to 53042? In the next modification in that file (53061) certainly a bug was introduced, but since you went back much earlier in time I'm wondering whether there is another bug hiding in the code.

#3 - 05/04/2009 11:25 AM - jianwu jianwu

53042 version of NondeterministicMerge works for me. Thanks for your work.

#4 - 05/04/2009 11:29 AM - Bert Rodiers

Solved the bug by reverting the change made in version 53061 (which was committed with message "Eclipse: removed unused variables and other similar fixes").

#5 - 03/27/2013 02:25 PM - Redmine Admin

Original Bugzilla ID was 4028