Charm++ - Bug #1510

Hang in tests/charm++/chkpt when using -tracemode perfReport

04/17/2017 02:19 PM - Sam White

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
<th>Start date:</th>
<th>04/17/2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Ronak Buch</td>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Category:</td>
<td>Tracing</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>6.8.1</td>
<td>Spent time:</td>
<td>0.00 hour</td>
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</tbody>
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Description

Besides this one test, running make test OPTS="-tracemode perfReport" passes all tests.

```
../../bin/testrun ./hello +p4 +restart log ++local
Charmrun> scalable start enabled.
Charm++> started all node programs in 0.005 seconds.
Converse/Charm++ Commit ID: v6.8.0-beta1-46-g80fa50245
Trace: traceroot: ./hello
Charm++> scheduler running in netpoll mode.
CharmLB> Load balancer assumes all CPUs are same.
Charm++> Running on 1 unique compute nodes (8-way SMP).
Charm++> cpu topology info is gathered in 0.000 seconds.
Received 1 arguments: { ./hello }
Main's MigCtor. a=987(0x1011404fc), b[0]=654(0x101140500), b[1]=321, old PE number 4
Main's PUPer. a=123(0x1011404fc), b[0]=456(0x101140500), b[1]=789
[3] data on Group 3
[1] data on Group 1
[2] data on Group 2
[3] data on NODEGroup 3
[1] data on NODEGroup 1
Chello's PUPer. step=3.
[0] data on Group 0
[2] data on NODEGroup 2
[0] data on NODEGroup 0
[0]CkRestartMain done. sending out callback.
myClient. a=123(0x1011404fc), b[0]=456(0x101140500), b[1]=789
step 4 done
myClient. a=123(0x1011404fc), b[0]=456(0x101140500), b[1]=789
step 5 done
myClient. a=123(0x1011404fc), b[0]=456(0x101140500), b[1]=789
step 6 done
myClient. a=123(0x1011404fc), b[0]=456(0x101140500), b[1]=789
step 7 done
myClient. a=123(0x1011404fc), b[0]=456(0x101140500), b[1]=789
step 8 done
myClient. a=123(0x1011404fc), b[0]=456(0x101140500), b[1]=789
step 9 done
```

History

#1 - 04/18/2017 04:29 PM - Phil Miller
I think we can reasonably defer this, unless we think it's indicative of some broader deficiency that users will encounter.

#2 - 04/18/2017 04:31 PM - Sam White
- Target version changed from 6.8.0 to 6.8.1

#3 - 04/20/2017 02:47 PM - Sam White
Trying this on linux now (instead of darwin) it works, so we should be safe to add "-tracemode perfReport" to netlrts-linux or something on autobuild.