Charm++ - Bug #2030

tests/ampi/megampi sometimes fails on mpi-win-x86_64-smp

11/19/2018 04:28 PM - Evan Ramos

Status: New
Priority: Normal
Assignee: Evan Ramos
Category: 
Target version: 

Start date: 11/19/2018
Due date: 
% Done: 0%
Estimated time: 0.00 hour
Spent time: 0.00 hour

Description

This failure shows up in autobuild every few days.

```bash
..//..//..//bin/testrun ./pgm +p2 +vp4

Running on 2 processors: ./pgm +vp4
charmrun> /cygdrive/c/Program Files/Microsoft MPI/Bin/mpiexec -n 2 ./pgm +vp4

Charm++> Running on MPI version: 2.0
Charm++> level of thread support used: MPI_THREAD_FUNNELED (desired: MPI_THREAD_FUNNELED)
Charm++> Running in SMP mode: 2 processes, 1 worker threads (PEs) + 1 comm threads per process, 2 PEs total
Charm++> The comm. thread both sends and receives messages
Charm++ warning> fences and atomic operations not available in native assembly
Converse/Charm++ Commit ID: v6.9.0-0-rc3d50ef
Charm++> Disabling isomalloc because mmap() does not work.
CharmLB> Load balancer assumes all CPUs are same.
Charm++> Running on 1 hosts (1 sockets x 4 cores x 2 PUs = 8-way SMP)
Charm++> cpu topology info is gathered in 0.016 seconds.
CharmLB> RandCentLB created.

job aborted:
[ranks] message
[0] terminated
[1] process exited without calling finalize

---- error analysis ----

[1] on CS-DEXTERITY
./pgm ended prematurely and may have crashed. exit code 0xc0000005

---- error analysis ----

make[1]: *** [Makefile:37: test-ampi] Error 2
make[3]: Leaving directory '/home/nikhil/autobuild/mpi-win-x86_64-smp/charm/mpi-win-x86_64-smp/tests/ampi/megampi'
```

http://charm.cs.illinois.edu/autobuild/old.2018_11_06_01_01/mpi-win-x86_64-smp.txt
http://charm.cs.illinois.edu/autobuild/old.2018_11_10_01_01/mpi-win-x86_64-smp.txt
http://charm.cs.illinois.edu/autobuild/old.2018_11_14_01_01/mpi-win-x86_64-smp.txt

History

#1 - 11/29/2018 12:57 PM - Eric Bohm
- Assignee set to Evan Ramos

01/29/2019
#2 - 01/11/2019 12:17 PM - Evan Ramos
- Target version deleted (6.9.1)

#3 - 01/11/2019 02:11 PM - Evan Ramos
I think this showed up in a multicore-win-x86_64 build today, in addition to mpi-win-x86_64-smp:

http://charm.cs.illinois.edu/autobuild/old.2019_01_11__01_07/multicore-win-x86_64.txt
http://charm.cs.illinois.edu/autobuild/old.2019_01_11__01_07/mpi-win-x86_64-smp.txt