Charm++ - Bug #1660

AMPI tests /tests/migration and tests/megaampi fail on Stampede2 with MPI and OFI build

08/21/2017 04:01 PM - Nitin Bhat

Status: New
Priority: Normal
Assignee: Sam White
Category: AMPI
Target version: 6.8.1
Start date: 08/21/2017
Due date:
% Done: 0%
Estimated time: 0.00 hour
Spent time: 0.00 hour

Description
The tests - tests/migration and tests/megampi fail when run on two processors on Stampede2 with the build mpi-linux-x86_64.

To reproduce:
1. Build AMPI: ./build AMPI mpi-linux-x86_64 -j10 -O0 -g
2. Request a development job: idev -t 00:30:00 -N 1 -n 2
3. Inside tests/ampi/migration, run ibrun ./pgm +p2 +vp4

Similarly for tests/ampi/megampi.

I couldn't get the stacktrace from the produced core dump as I'm getting warnings for missing debug-info (in spite of compiling with -g -O0).

These errors can be reproduced on the ofi build too.

History
#1 - 08/21/2017 10:13 PM - Sam White
- Target version set to 6.8.1
- Assignee set to Sam White
- Category set to AMPI