As pointed out on the charm mailing list, the parallel prefix no barrier example hangs when run on the mpi layer. I was able to replicate this behavior on my lab machine.

Build line: ./build charm++ mpi-linux-x86_64 --with-production -j8
Commit: 7af4a4cae8fa092e8b8f054c5d0976c14b0ca6df
Example: http://charmplusplus.org/tutorial/examples/ParallelPrefix_NoBarrier.tar.gz

History

#1 - 03/20/2017 11:41 AM - Sam White

It works for me on beauty with that same build command (on 1 or multiple PEs)... If you can replicate it, where does it hang?