

Selected Compiler: xlc  
Selected Options:  
Copying src/scripts/Makefile to bluegenep-xlc/tmp  
Soft-linking over bin  
Soft-linking over lib  
Soft-linking over lib\_so  
Soft-linking over include  
Soft-linking over tmp  
Generating bluegenep-xlc/tmp/conv-mach-pre.sh  
Performing '/usr/bin/gmake basics OPTS= -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 QUIET= CONFIG\_OPTS=' in bluegenep-xlc/tmp  
/usr/bin/gmake charmxi  
gmake[1]: Entering directory `/ssd/aditya08/NAMD\_2.9\_Source/charm-6.4.0/bluegenep-xlc/tmp'  
./configure  
Error checking is enabled  
Statistics collection is enabled  
Charm tracing is enabled  
Charm tracing communication thread is enabled  
CharmDebug is enabled  
Charm record/replay is enabled  
CCS is enabled  
Charm control point is enabled  
Setting load balancing timer type as 'double'  
checking machine name... bluegenep-xlc  
checking "cp command as"... cp -p  
checking "C++ compiler as"... "/opt/ibmcmp/vacpp/bg/9.0/bin/bgxlc -qhalt=e -I.  
-I/bgsys/drivers/ppcfloor/comm/include -I/bgsys/drivers/ppcfloor/arch/include -I/usr/include  
-I/bgsys/drivers/ppcfloor/gnu-linux/powerpc-bgp-linux/sys-include -O3 -DCMK\_OPTIMIZE=1 -Q  
-qarch=450 "  
checking "whether C++ compiler works"... "ok"  
checking "C++ linker as"... "/opt/ibmcmp/vacpp/bg/9.0/bin/bgxlc -qhalt=e -I.  
-I/bgsys/drivers/ppcfloor/comm/include -I/bgsys/drivers/ppcfloor/arch/include -I/usr/include  
-I/bgsys/drivers/ppcfloor/gnu-linux/powerpc-bgp-linux/sys-include -L/bgsys/drivers/ppcfloor/comm/lib  
-L/bgsys/drivers/ppcfloor/runtime/SPI -L/usr/lib "  
checking "whether linker works"... "ok"  
checking "Native C++ compiler as"... "g++"  
checking "Sequential C++ compiler as"... "/opt/ibmcmp/vacpp/bg/9.0/bin/bgxlc -qhalt=e -I.  
-I/bgsys/drivers/ppcfloor/comm/include -I/bgsys/drivers/ppcfloor/arch/include -I/usr/include  
-I/bgsys/drivers/ppcfloor/gnu-linux/powerpc-bgp-linux/sys-include"  
Setting charm++ envelop refnum field to unsigned short  
checking "whether compiler generates code for 64-bit"... "no"  
checking "whether has strings.h "... "yes"  
checking "whether has values.h "... "yes"  
checking "whether has stdint.h "... "yes"  
checking "whether has malloc.h "... "yes"  
checking "whether has alloca.h "... "yes"  
checking "whether has regex.h "... "yes"  
checking "whether C++ bool works"... "ok"  
checking "whether long long works"... "ok"

checking "whether \_\_int64 works"... "ok"  
checking "whether long double works"... "ok"  
checking "whether ucontext has FPU pointer"... "yes"  
checking "whether ucontext uses uc\_regs"... "yes"  
checking "whether ucontext has pointer (v\_regs) of vector type"... "no"  
checking "whether inline works in C"... "yes"  
checking "whether C++ class explicit keyword works"... "ok"  
checking "whether C++ signed char and char differ"... "yes"  
checking "whether C++ \*\_casts<> work"... "ok"  
checking "whether C++ allows declaration of varsize array"... "yes"  
checking "whether namespaces work"... "ok"  
checking "whether typeid/typeid works"... "ok"  
checking "whether std::iterator\_traits is defined"... "ok"  
checking "whether std::distance is defined"... "ok"  
checking "whether std::inserter is defined"... "ok"  
checking "whether operator delete can be overloaded in same class"... "ok"  
checking "whether offsetof is defined"... "yes"  
checking "whether GCC x86 assembly works"... "no"  
checking "whether GCC IA64 assembly works"... "no"  
checking "whether PPC assembly works"... "yes"  
checking "whether \_\_thread (Thread Local Storage) is supported"... "yes"  
checking "whether switching TLS register (32-bit) is supported"... "no"  
checking "whether getrusage accepts RUSAGE\_THREAD"... "no"  
checking "whether has asctime"... "yes"  
checking "whether has log2"... "yes"  
checking "whether has sqrtf"... "yes"  
checking "whether has fabsf"... "yes"  
checking "whether has mkstemp"... "yes"  
checking "whether has system"... "yes"  
checking "whether has sbrk"... "yes"  
checking "whether has \_setjmp/\_longjmp"... "yes"  
checking "whether has mstats"... "no"  
checking "whether has mallinfo"... "yes"  
checking "whether has popen"... "yes"  
checking "whether has poll"... "yes"  
checking "whether has getpagesize"... "yes"  
checking "whether has getpid"... "yes"  
checking "whether has kill"... "yes"  
checking "whether has setpriority"... "yes"  
checking "whether to use signal-safe system() "... "no"  
checking "whether sched\_setaffinity call exists"... "yes"  
checking "whether pthread\_setaffinity\_np call exists"... "yes"  
checking "whether bindprocessor call exists"... "no"  
checking "whether dlopen links without -ldl"... "no"  
checking "whether dlopen links with -ldl"... "yes"  
checking "whether gethostname call exists"... "yes"  
checking "whether getProcAddress works"... "no"  
checking "whether has socklen\_t"... "yes"  
checking "whether getifaddrs call exists"... "yes"

checking "whether the mmap() syscall exists"... "yes"  
checking "whether mmap() accepts MAP\_ANON"... "yes"  
checking "whether mmap() accepts MAP\_NORESERVE"... "yes"  
checking "whether has get\_myaddress"... "no"  
checking "whether has mprotect"... "yes"  
checking "whether glibc backtrace works"... "no"  
checking "whether has sleep"... "yes"  
checking "whether has usleep"... "yes"  
checking "whether personality() and ADDR\_NO\_RANDOMIZE exist"... "yes"  
checking "whether has zlib"... "yes"  
checking "whether has elf.h"... "yes"  
checking "whether has Multiprocessing.h for Apple"... "no"  
checking "whether ntohl is available"... "yes"  
checking "whether has libjpeg"... "no"  
checking "whether Python is installed"... "no"  
checking "whether can build shared library"... "no"  
checking for sync... sync  
checking "F77 compiler as"... "/opt/ibmcmp/xlf/bg/11.1/bin/xlf "  
checking "whether Fortran 77 compiler works"... "yes"  
checking "F90 compiler as"... "/opt/ibmcmp/xlf/bg/11.1/bin/xlf90 -qsuffix=f=f90"  
checking "whether Fortran 90 compiler works"... "yes"  
checking subroutine name used by Fortran 90 compiler... NOSCORE  
checking Fortran 90 mod name is capital... "no"  
checking Fortran 90 mod name extension... "mod"  
configure: creating ./config.status  
config.status: creating libs/ck-libs/mpi/mpiCC  
config.status: creating libs/ck-libs/mpi/ampirun  
config.status: creating conv-autoconfig.h  
config.status: conv-autoconfig.h is unchanged  
config.status: executing default commands  
../bin/charmc -host xi-main.C  
../bin/charmc -host xi-symbol.C  
../bin/charmc -host xi-grammar.tab.C  
../bin/charmc -host -I. -DYY\_NEVER\_INTERACTIVE xi-scan.C  
../bin/charmc -host xi-util.C  
../bin/charmc -host -c sdag-globals.C  
../bin/charmc -host -c CSdagConstruct.C  
../bin/charmc -host -c CEntry.C  
../bin/charmc -host -language c++ -cp ../bin/ -o charmxi xi-main.o xi-symbol.o xi-grammar.tab.o xi-scan.o xi-util.o sdag-globals.o CSdagConstruct.o CEntry.o  
gmake[1]: Leaving directory `/ssd/aditya08/NAMD\_2.9\_Source/charm-6.4.0/bluegenep-xlc/tmp'/usr/bin/gmake headerlinks  
gmake[1]: Entering directory `/ssd/aditya08/NAMD\_2.9\_Source/charm-6.4.0/bluegenep-xlc/tmp'  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ckcallback.ci && touch ckcallback.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 BlockLB.ci && touch BlockLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 CommLB.ci && touch CommLB.ci.stamp

../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 DummyLB.ci && touch  
DummyLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GreedyAgentLB.ci && touch  
GreedyAgentLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GreedyCommLB.ci && touch  
GreedyCommLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GreedyLB.ci && touch  
GreedyLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 NeighborCommLB.ci && touch  
NeighborCommLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 NeighborLB.ci && touch  
NeighborLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 OrbLB.ci && touch  
OrbLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 PhasebyArrayLB.ci && touch  
PhasebyArrayLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 RandCentLB.ci && touch  
RandCentLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 RecBipartLB.ci && touch  
RecBipartLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 RefineLB.ci && touch  
RefineLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 RefineCommLB.ci && touch  
RefineCommLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 RotateLB.ci && touch  
RotateLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 TreeMatchLB.ci && touch  
TreeMatchLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ComboCentLB.ci && touch  
ComboCentLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GraphPartLB.ci && touch  
GraphPartLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GraphBFTLB.ci && touch  
GraphBFTLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GridCommLB.ci && touch  
GridCommLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GridCommRefineLB.ci && touch  
GridCommRefineLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GridHybridLB.ci && touch  
GridHybridLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GridHybridSeedLB.ci && touch  
GridHybridSeedLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 GridMetisLB.ci && touch  
GridMetisLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 HbmLB.ci && touch  
HbmLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 HybridLB.ci && touch  
HybridLB.ci.stamp  
../bin/charmc -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 RefineKLB.ci && touch

RefineKLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 RefineTopoLB.ci && touch  
RefineTopoLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 TopoCentLB.ci && touch  
TopoCentLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 TopoLB.ci && touch  
TopoLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 TempAwareGreedyLB.ci &&  
touch TempAwareGreedyLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 MetisLB.ci && touch  
MetisLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ScotchLB.ci && touch  
ScotchLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 TeamLB.ci && touch  
TeamLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 WSLB.ci && touch  
WSLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ckmarshall.ci && touch  
ckmarshall.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ckarray.ci && touch  
ckarray.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 cklocation.ci && touch  
cklocation.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ckreduction.ci && touch  
ckreduction.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ckarrayreductionmgr.ci && touch  
ckarrayreductionmgr.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 tempo.ci && touch tempo.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 waitqd.ci && touch  
waitqd.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ckfutures.ci && touch  
ckfutures.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ckcheckpoint.ci && touch  
ckcheckpoint.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ckmemcheckpoint.ci && touch  
ckmemcheckpoint.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 LBDatabase.ci && touch  
LBDatabase.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 CentralLB.ci && touch  
CentralLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 NullLB.ci && touch  
NullLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 BaseLB.ci && touch  
BaseLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 NborBaseLB.ci && touch  
NborBaseLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 HybridBaseLB.ci && touch  
HybridBaseLB.ci.stamp  
../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 EveryLB.ci && touch

EveryLB.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 CommonLBs.ci && touch

CommonLBs.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 charisma.ci && touch

charisma.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 trace-summary.ci && touch trace-summary.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 trace-projections.ci && touch trace-projections.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 trace-simple.ci && touch trace-simple.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 trace-controlPoints.ci && touch trace-controlPoints.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 trace-Tau.ci && touch trace-Tau.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 trace-utilization.ci && touch trace-utilization.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 BlueGene.ci && touch BlueGene.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 ComlibManager.ci && touch ComlibManager.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 controlPoints.ci && touch controlPoints.ci.stamp

../bin/charm -intrinsic -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 pathHistory.ci && touch pathHistory.ci.stamp

Soft-linking headers...

for hdr in ck.h ckstream.h envelope.h init.h qd.h charm.h charm++.h ckfutures.h ckIgetControl.h

cktiming.h debug-charm.h ckcallback.h CkCallback.decl.h ckcallback-ccs.h ckarrayreductionmgr.h

cksection.h ckarrayindex.h ckarray.h cklocation.h ckreduction.h ckcheckpoint.h ckmemcheckpoint.h

ckevacuation.h ckmessageLogging.h ckobjid.h ckobjQ.h readonly.h charisma.h comlib.h

ComlibArrayListener.h ComlibStrategy.h ComlibLearner.h pup.h pupf.h pup\_c.h pup\_stl.h pup\_mpi.h

pup\_toNetwork.h pup\_toNetwork4.h pup\_paged.h pup\_cmialloc.h ckimage.h ckdll.h ckhashtable.h

ckbitvector.h cklists.h ckliststring.h cksequence.h ckstatistics.h ckvector3d.h conv-lists.h RTH.h

ckcomplex.h sockRoutines.h sockRoutines.c ckpool.h BGLTorus.h BGPTorus.h TopoManager.h

XT3Torus.h XTorus.h cmimemcpy.h simd.h SSE-Double.h SSE-Float.h crc32.h tempo.h waitqd.h

LBDatabase.h lldb.h lldb++.h LBProfit.h BlockLB.h BlockLB.decl.h CommLB.h CommLB.decl.h

DummyLB.h DummyLB.decl.h GreedyAgentLB.h GreedyAgentLB.decl.h GreedyCommLB.h

GreedyCommLB.decl.h GreedyLB.h GreedyLB.decl.h NeighborCommLB.h NeighborCommLB.decl.h

NeighborLB.h NeighborLB.decl.h OrbLB.h OrbLB.decl.h PhasebyArrayLB.h PhasebyArrayLB.decl.h

RandCentLB.h RandCentLB.decl.h RecBipartLB.h RecBipartLB.decl.h RefineLB.h RefineLB.decl.h

RefineCommLB.h RefineCommLB.decl.h RotateLB.h RotateLB.decl.h TreeMatchLB.h

TreeMatchLB.decl.h ComboCentLB.h ComboCentLB.decl.h GraphPartLB.h GraphPartLB.decl.h

GraphBFTLB.h GraphBFTLB.decl.h GridCommLB.h GridCommLB.decl.h GridCommRefineLB.h

GridCommRefineLB.decl.h GridHybridLB.h GridHybridLB.decl.h GridHybridSeedLB.h

GridHybridSeedLB.decl.h GridMetisLB.h GridMetisLB.decl.h HbmLB.h HbmLB.decl.h HybridLB.h

HybridLB.decl.h RefineKLB.h RefineKLB.decl.h RefineTopoLB.h RefineTopoLB.decl.h

TopoCentLB.h TopoCentLB.decl.h TopoLB.h TopoLB.decl.h TempAwareGreedyLB.h

TempAwareGreedyLB.decl.h MetisLB.h MetisLB.decl.h ScotchLB.h ScotchLB.decl.h TeamLB.h

TeamLB.decl.h WSLB.h WSLB.decl.h LBDBManager.h LBComm.h LBOM.h LBObj.h

LBMachineUtil.h LBAgent.h Refiner.h RefinerApprox.h RefinerComm.h ckgraph.h ckheap.h  
elements.h CommLBHeap.h topology.h manager.h BaseLB.h CentralLB.h CentralLBMsg.h  
NborBaseLB.h HybridBaseLB.h HybridLBMsg.h NeighborLBMsg.h BlueGene.h middle.h middle-  
conv.h middle-blue.h CkMarshall.decl.h CkArray.decl.h CkLocation.decl.h CkReduction.decl.h  
CkArrayReductionMgr.decl.h tempo.decl.h waitqd.decl.h CkFutures.decl.h CkCheckpoint.decl.h  
CkMemCheckpoint.decl.h LBDatabase.decl.h CentralLB.decl.h NullLB.decl.h BaseLB.decl.h  
NborBaseLB.decl.h HybridBaseLB.decl.h EveryLB.decl.h CommonLBs.decl.h charisma.decl.h  
TraceSummary.decl.h TraceProjections.decl.h TraceSimple.decl.h TraceControlPoints.decl.h  
TraceTau.decl.h TraceUtilization.decl.h BlueGene.decl.h comlib.decl.h ComlibManager.h  
DummyStrategy.h MulticastStrategy.h DirectMulticastStrategy.h RingMulticastStrategy.h  
ChunkMulticastStrategy.h OneTimeMulticastStrategy.h MultiRingMulticast.h  
EachToManyMulticastStrategy.h MsgPacker.h StreamingStrategy.h NodeMulticast.h  
PipeBroadcastStrategy.h MeshStreamingStrategy.h PrioStreaming.h MPIStrategy.h MsgPacker.h  
StreamingStrategy.h BroadcastStrategy.h ComlibSectionInfo.h AAPLearner.h AAMLearner.h  
ComlibStats.h RectMulticastStrategy.h ckdirect.h ControlPoints.decl.h PathHistory.decl.h pathHistory.h  
envelope-path.h controlPoints.h controlPointsf.h arrayRedistributor.h cp\_effects.h register.h stats.h  
cksequence\_internal.h cksequence\_factory.h random\_sequence.h strided\_sequence.h cthreads.h  
converse.h conv-trace.h conv-random.h conv-qd.h queueing.h conv-cpath.h conv-cpm.h persistent.h  
trace.h trace-common.h trace-bluegene.h trace-projections.h trace-simple.h trace-controlPoints.h  
charm-api.h conv-ccs.h ccs-client.c ccs-client.h ccs-server.h ccs-auth.c ccs-auth.h memory-isomalloc.h  
debug-conv.h debug-conv++.h conv-autoconfig.h conv-common.h conv-config.sh conv-config.h conv-  
mach.h conv-mach.sh blue.h blue-conv.h bgconverse.h cmipool.h mempool.h cmdirect.h  
cmdirectmanytomany.h 3dgridrouter.h hypercuberouter.h hypercubetopology.h routerstrategy.h  
convcomlibstrategy.h convcomlib.h dummyconversestrategy.h treerouter.h convcomlibmanager.h  
graphrouter.h petable.h gridrouter.h router.h prefixrouter.h pipebroadcastconverse.h pipelinestrategy.h  
simplemsg.h sm.h pvmc.h pvm3.h sdag.h vector2d.h graph.h bitvecset.h ckset.h LBSimulation.h  
blue\_types.h bigsim\_timing.h blue\_defs.h bigsim\_logs.h blue.h blue\_impl.h bigsim\_network.h  
bigsim\_record.h bigsim\_ooc.h bigsim\_debug.h shared-alloc.h ; do test ! -f "../include/\$hdr" &&  
./system\_in "../tmp/\$hdr" ../include ; done

**gmake[1]: [headerlinks] Error 1 (ignored)**

touch headerlinks

gmake[1]: Leaving directory `/ssd/aditya08/NAMD\_2.9\_Source/charm-6.4.0/bluegenep-xlc/tmp'

touch basics

Performing '/usr/bin/gmake charm++ OPTS= -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 QUIET=' in  
bluegenep-xlc/tmp

../bin/charm -seq -o sockRoutines-seq.o sockRoutines.c

../bin/charm -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 -c -I. trace-common.C

../bin/charm -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 -c -I. tracec.C

../bin/charm -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 -c -I. tracef.C

../bin/charm -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 -c -I. init.C

../bin/charm -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 -c -I. register.C

../bin/charm -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 -c -I. qd.C

../bin/charm -O3 -DCMK\_OPTIMIZE=1 -Q -qarch=450 -c -I. ck.C

"/bgsys/drivers/ppcfloor/gnu-linux/lib/gcc/powerpc-bgp-linux/4.1.2/../../../../include/c+

**+/4.1.2/bits/postypes.h", line 72.25: 1540-0040 (S) The text "streamoff" is unexpected. "int64\_t"  
may be undeclared or ambiguous.**

Fatal Error by charm in directory /ssd/aditya08/NAMD\_2.9\_Source/charm-6.4.0/bluegenep-xlc/tmp

Command /opt/ibmcmp/vacpp/bg/9.0/bin/bgx1C -qhalt=e -I../bin/../../../../include

-I/bgsys/drivers/ppcfloor/comm/include -I/bgsys/drivers/ppcfloor/arch/include -I/usr/include

```
-I/bgsys/drivers/ppcfloor/gnu-linux/powerpc-bgp-linux/sys-include -I../bin/./include  
-D__CHARMC__=1 -DCMK_OPTIMIZE=1 -I. -O3 -Q -qarch=450 -c ck.C -o ck.o returned error code  
1  
charm exiting...  
gmake: *** [ck.o] Error 1
```

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Charm++ NOT BUILT. Either cd into bluegenep-xlc/tmp and try  
to resolve the problems yourself, visit  
<http://charm.cs.illinois.edu/>  
for more information. Otherwise, email the developers at [charm@cs.illinois.edu](mailto:charm@cs.illinois.edu)