Start DateTime: 19/01/2023 14:32:36
Elapsed Time: 0.575225 seconds
Cores: unknown
Worker threads observed: 1
Available CPU time: 0.575225 seconds
GPU: 0.000000 seconds
time: 0.575225
HPX thread phases: thread_num: cpu_time
time: 0.583176
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View::initialization [A] via memset
calls: 1.000000
time: 2.112e-05
cudaDeviceSynchronize
calls: 8.000000
time: 0.575225
cudaDeviceGetCount
calls: 1.000000
time: 1.095e-05
cudaGetDriverCount
calls: 1.000000
time: 1.004e-05
cudaMemcpy
calls: 1.000000
time: 1.652e-05
cudaLaunchKernel
calls: 1.000000
time: 0.000100
cudaFuncSetAttribute
calls: 1.000000
time: 0.001951612
cudaFree
calls: 1.000000
time: 0.001851209
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View::initialization [B] via memset
calls: 1.000000
time: 2.10e-05
cudaGetDeviceProperties
calls: 1.000000
time: 0.001326571
cudaGetDevice 1
calls: 1.000000
time: 7.40e-06
cudaGetLastError
calls: 1.000000
time: 0.000783004
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View::initialization [C] via memset
calls: 1.000000
time: 1.429e-05
cudaEventSynchronize
calls: 8.000000
time: 0.001492229
cudaMemcpyAsync
calls: 1.000000
time: 4.974e-05
cudaMemcpyDeviceToHost
calls: 1.000000
time: 2.229e-05
cudaMemset
calls: 2.000000
time: 2.456e-05
cudaMallocHost
calls: 1.000000
time: 1.292e-05
cudaFuncGetAttributes
calls: 1.000000
time: 2.45e-06
Kokkos::deep copy: Host Scalar -> Cuda C
calls: 1.000000
time: 0.000472013
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::ViewFill-1D
calls: 1.000000
time: 1.351e-05
cudaDeviceSynchronize
calls: 8.000000
time: 0.000472013
Kokkos::deep copy: Host Scalar -> Cuda B
calls: 1.000000
time: 0.000407513
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::ViewFill-1D
calls: 1.000000
time: 1.438e-05
cudaDeviceSynchronize
calls: 8.000000
time: 0.000407513
Kokkos::deep copy: Host Scalar -> Cuda A
calls: 1.000000
time: 0.000372013
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::ViewFill-1D
calls: 1.000000
time: 7.70e-05
cudaDeviceSynchronize
calls: 8.000000
time: 0.000372013
Kokkos::parallel_for [Cuda, Dev:0] BenchmarkKernel
calls: 10.000000
time: 0.000117219
cudaLaunchKernel
calls: 10.000000
time: 5.9829e-05
cudaFuncGetAttributes
calls: 1.000000
time: 1.34e-06
cudaMemcpyAsync
calls: 1.000000
time: 1.288e-05
GPU: Memset
calls: 1.000000
time: 0.000473509
GPU: Memset
calls: 1.000000
time: 0.000407969
GPU: void Kokkos::Impl::cuda_parallel_launch_local_memory<Kokkos::Impl::ParallelFor<Kokkos::Impl::ViewFill<Kokkos::View<double*, Kokkos::LayoutRight, Kokkos::Device<Kokkos::Cuda, Kokkos::AnonymousSpace>, Kokkos::MemoryTrait
calls: 10.000000
time: 0.444483
GPU: Memcpy HtoD
calls: 1.000000
time: 1.652e-06
GPU: Memset
calls: 1.000000
time: 0.000407969
GPU: Memset
calls: 1.000000
time: 0.000407513
GPU: Memset
calls: 1.000000
time: 0.000407013
GPU: Memset
calls: 1.000000
time: 0.000407013
GPU: Memset
calls: 1.000000
time: 0.000407013