Start DateTime: 19/01/2023 14:32:39
Elapsed Time: 0.214533 seconds
Number of Kernels: 1
Worker threads observed: 1
Available CPU time: 0.214533 seconds

API: HIP
calls: 1.000000
time: 0.214533
HIP: hipLaunchKernel: 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: 1.000000
time: 0.214533
Kokkos deep copy: Host Scalar -> Cuda C
calls: 1.000000
time: 0.000122237
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::ViewFill-1D
calls: 1.000000
time: 1.828e-05
cudaLaunchKernel
calls: 1.000000
time: 1.952e-05
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
cudaLaunchKernel
calls: 1.000000
time: 1.828e-05
cudaDeviceSynchronize
calls: 2.000000
time: 2.264e-05
GPU: Context Synchronize
calls: 2.000000
time: 0.264e-05
Kokkos deep copy: Host Scalar -> Cuda B
calls: 1.000000
time: 0.000101889
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::ViewFill-1D
calls: 1.000000
time: 1.0078e-05
cudaLaunchKernel
calls: 1.000000
time: 1.0078e-05
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
cudaLaunchKernel
calls: 1.000000
time: 1.014e-05
cudaDeviceSynchronize
calls: 2.000000
time: 8.406e-05
GPU: Context Synchronize
calls: 2.000000
time: 0.406e-05
Kokkos deep copy: Host Scalar -> Cuda A
calls: 1.000000
time: 0.000180449
Kokkos::parallel_for [Cuda, Dev:0] ViewFill-1D
calls: 1.000000
time: 8.403e-05
cudaLaunchKernel
calls: 1.000000
time: 2.807e-05
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
cudaLaunchKernel
calls: 1.000000
time: 2.807e-05
cudaDeviceSynchronize
calls: 2.000000
time: 8.022e-05
GPU: Context Synchronize
calls: 2.000000
time: 0.022e-05
Kokkos::parallel_for [Cuda, Dev:0] BenchmarkKernel
calls: 10.000000
time: 0.000167187
cudaLaunchKernel
calls: 10.000000
time: 8.6737e-05
cudaDeviceSynchronize
calls: 1.000000
time: 6.271e-06
GPU: Context Synchronize
calls: 1.000000
time: 0.271e-06
cudaMemcpyAsyncToDevice
calls: 1.000000
time: 1.099e-05
GPU: Memcpy HtoD
calls: 1.000000
time: 0.099e-05
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View initialization [A] via memset
calls: 1.000000
time: 2.639e-05
cudaDeviceSynchronize
calls: 1.000000
time: 6.79e-06
GPU: void Kokkos::Impl::cuda_parallel_launch_local_memory<Kokkos::Impl::ParallelFor<Kokkos::double, 1, 2>>(unint, int, int, int, int, int, int) [lambda(Kokkos::Impl::CudaTeamMember const&)#1], Kokkos::TeamPolicy<>>, Kokkos::Cuda>> >(Kokkos::Impl::ParallelFor<Kokkos::double, 1, 2>>(unint, int, int, int, int, int, int) [lambda(Kokkos::Impl::CudaTeamMember const&)#1], Kokkos::TeamPolicy<>>, Kokkos::Cuda>)
calls: 10.000000
time: 8.0221279
cudaMemset
calls: 1.000000
time: 1.527e-05
GPU: Memset
calls: 1.000000
time: 1.857e-05
cudaGetDeviceCount
calls: 1.000000
time: 2.099e-05
GPU: Context Synchronize
calls: 8.000000
time: 0.022955
cudaMemset
calls: 1.000000
time: 1.272e-05
GPU: Memset
calls: 1.000000
time: 1.857e-05