Start DateTime: 19/01/2023 14:32:28
Elapsed Time: 0.323972 seconds
Number of Events: 1
Worker threads observed: 1
Available CPU time: 0.323972 seconds

API: MPI_Init
calls: 1.000000
time: 0.323972
API: MPI_Finalized, MPI_Initialized, char *P, char *V
calls: 2.000000
time: 0.000176
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View<int [3] >
calls: 1.000000
time: 1.151e-05
cudaGetDeviceCount
calls: 1.000000
time: 3.122e-05
cudaDriverGetVersion
calls: 1.000000
time: 1.803e-05
cudaMemcpy
calls: 1.000000
time: 6.258e-05
cudaLaunchKernel
calls: 3.000000
time: 6.150e-05
cudaMalloc
calls: 9.000000
time: 0.004295[illegible]
cudaFree
calls: 9.000000
time: 5.007[illegible]
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View<int [8] >
calls: 1.000000
time: 1.559e-05
cudaGetDeviceProperties
calls: 0.000000
time: 0.001307s
cudaGetDevice
calls: 1.000000
time: 1.150e-05
cudaHostAlloc
calls: 1.000000
time: 0.000[illegible]
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View<int [1] >
calls: 1.000000
time: 1.559e-05
cudaStreamSynchronize
calls: 0.000000
time: 0.00[illegible]
cudaMemcpyAsync
calls: 1.000000
time: 1.040e-05
cudaMemcpyToSymbol
calls: 1.000000
time: 1.93e-05
cudaMemset
calls: 2.000000
time: 2.05[illegible]
cudaMemset
calls: 2.000000
time: 2.05[illegible]
cudaMalloc3DArray
calls: 1.000000
time: 1.519e-05
cudaFreeArray
calls: 1.000000
time: 4.42e-06
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View<int [3] >
calls: 1.000000
time: 1.173e-05
cudaDriverGetVersion
calls: 1.000000
time: 1.803e-05
cudaMemcpy
calls: 1.000000
time: 6.258e-05
cudaLaunchKernel
calls: 3.000000
time: 6.150e-05
cudaMalloc
calls: 9.000000
time: 0.004295[illegible]
cudaFree
calls: 9.000000
time: 5.007[illegible]
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View<int [8] >
calls: 1.000000
time: 1.559e-05
cudaGetDeviceProperties
calls: 0.000000
time: 0.001307s
cudaGetDevice
calls: 1.000000
time: 1.150e-05
cudaHostAlloc
calls: 1.000000
time: 0.000[illegible]
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View<int [1] >
calls: 1.000000
time: 1.559e-05
cudaStreamSynchronize
calls: 0.000000
time: 0.00[illegible]
cudaMemcpyAsync
calls: 1.000000
time: 1.040e-05
cudaMemcpyToSymbol
calls: 1.000000
time: 1.93e-05
cudaMemset
calls: 2.000000
time: 2.05[illegible]
cudaMalloc3DArray
calls: 1.000000
time: 1.519e-05
cudaFreeArray
calls: 1.000000
time: 4.42e-06
Kokkos deep copy: Host Scalar -> Cuda C
calls: 1.000000
time: 0.00[illegible]303
Kokkos deep copy: Host Scalar -> Cuda B
calls: 1.000000
time: 0.00[illegible]213
Kokkos deep copy: Host Scalar -> Cuda A
calls: 1.000000
time: 0.00[illegible]833
Kokkos::parallel_for [Cuda, Dev:0] BenchmarkKernel
calls: 10.000000
time: 0.00010[illegible]
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View::initialization [A] via memset
calls: 1.000000
time: 1.050e-05
cudaDeviceSynchronize
calls: 1.000000
time: 0.23[illegible]
cudaGetDeviceCount
calls: 1.000000
time: 3.122e-05
cudaDriverGetVersion
calls: 1.000000
time: 1.803e-05
cudaMemcpy
calls: 1.000000
time: 6.258e-05
cudaLaunchKernel
calls: 3.000000
time: 6.150e-05
cudaMalloc
calls: 9.000000
time: 0.004295[illegible]
cudaFree
calls: 9.000000
time: 5.007[illegible]
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View::initialization [B] via memset
calls: 1.000000
time: 1.559e-05
cudaGetDeviceProperties
calls: 0.000000
time: 0.001307s
cudaGetDevice
calls: 1.000000
time: 1.150e-05
cudaHostAlloc
calls: 1.000000
time: 0.000[illegible]
Kokkos::parallel_for [Cuda, Dev:0] Kokkos::View::initialization [C] via memset
calls: 1.000000
time: 1.559e-05
cudaStreamSynchronize
calls: 0.000000
time: 0.00[illegible]
cudaMemcpyAsync
calls: 1.000000
time: 1.040e-05
cudaMemcpyToSymbol
calls: 1.000000
time: 1.93e-05
cudaMemset
calls: 2.000000
time: 2.05[illegible]
cudaMalloc3DArray
calls: 1.000000
time: 1.519e-05
cudaFreeArray
calls: 1.000000
time: 4.42e-06
cudaLaunchKernel
calls: 1.000000
time: 1.173e-05
cudaDeviceSynchronize
calls: 1.000000
time: 0.23[illegible]
cudaMemset
calls: 1.000000
time: 1.173e-05
cudaMemset
calls: 1.000000
time: 1.173e-05
cudaLaunchKernel
calls: 1.000000
time: 1.173e-05
cudaDeviceSynchronize
calls: 1.000000
time: 0.00[illegible]215
cudaLaunchKernel
calls: 1.000000
time: 5.475e-05
cudaGetLastError[illegible]
calls: 1.000000
time: 1.411e-06
cudaMemcpyAsync
calls: 1.000000
time: 1.208e-05
GPU: Kokkos::[anonymous namespace]::init_lock_array_kernel_atomic()
calls: 1.000000
time: 1.030e-06
GPU: Kokkos::impl::[anonymous namespace]::init_scratch_locks()
calls: 1.000000
time: 1.151e-06
GPU: Kokkos::impl::[anonymous namespace]::init_lock_array_kernel_atomic()
calls: 1.000000
time: 1.030e-06
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[illegible]
calls: 10.000000
time: 0.0175874
GPU: Kokkos::impl::[anonymous namespace]::init_lock_array_kernel_atomic()
calls: 1.000000
time: 1.030e-06
GPU: Memset
calls: 1.000000
time: 0.00032837
GPU: Memset
calls: 1.000000
time: 0.00032837
GPU: Memset
calls: 1.000000
time: 0.00032837
GPU: Memset
calls: 1.000000
time: 0.00032837
GPU: Memset
calls: 1.000000
time: 0.00032837
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calls: 1.000000
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GPU: Memset
calls: 1.000000
time: 0.00032837
GPU: Memset
calls: 1.000000
time: 0.00032837
GPU: Memset
calls: 1.000000
time: 0.00032837
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[illegible]
calls: 1.000000
time: 0.00035178