

OpenACC Labs Results

Vs.	Lab	Device	OpenACC	Compiler Flags	Code	Time(s) C	Time (s) Fortran
1	Lab 1	CPU	-		laplace		
2	Lab 2	CPU Multicore	-	-acc=multicore	laplace-multicore		
3	Lab 2	CPU Multicore	parallel	-acc=multicore	laplace-multicore-parallel		
4	Lab 2	CPU Multicore	kernels	-acc=multicore	laplace-multicore-kernels		
5	Lab 3	GPU with Managed Memory	parallel	-acc=gpu -gpu=managed	laplace-gpu-managed-parallel		
6	Lab 3	GPU with Managed Memory	kernels	-acc=gpu -gpu=managed	laplace-gpu-managed-kernels		
7	Lab 3	GPU without Managed Memory	parallel	-acc=gpu	laplace-gpu-parallel		
8	Lab 3	GPU without Managed Memory	kernels	-acc=gpu	laplace-gpu-kernels		
9	Lab 4	GPU without Managed Memory	parallel/ structured data directive	-acc=gpu	laplace-gpu-data-structured-parallel		
10	Lab 4	GPU without Managed Memory	parallel/ structured data directive	-acc=gpu	laplace-gpu-data-structured-kernels		
11	Lab 4	GPU without Managed Memory	parallel/ unstructured data directive	-acc=gpu	laplace-gpu-data-unstructured-parallel		
12	Lab 4	GPU without Managed Memory	parallel/ unstructured data directive	-acc=gpu	laplace-gpu-data-unstructured-kernels		