

Test v1: *block_ptr* on GPU, pointer assignment on GPU, *present(block_ptr)*

Test v2: *block_ptr* on CPU, pointer assignment on CPU

Test v3: *block_ptr* on CPU, pointer assignment on CPU, *present(block_ptr(1)%ptr, ...)*

Test v4: *block_ptr* on GPU, pointer assignment on CPU, *present(block_ptr(1)%ptr, ...)*

Test v5: *block_ptr* on GPU, pointer assignment on CPU, *present(block_ptr(k)%ptr)* in *k* loop

Kesch

	GNU		PGI		Cray	
	Build	Run	Build	Run	Build	Run
v1 CPU	Success	Success	Success	Success	Success	Success
v2 CPU	Success	Success	Success	Success	Success	Success
v3 CPU	Success	Success	Success	Success	Success	Success
v4 CPU	Success	Success	Success	Success	Success	Success
v5 CPU	Success	Success	Success	Success	Success	Success
v1 GPU	N/A	N/A	Fail	N/A	Success	Success
v2 GPU	N/A	N/A	Success	Fail	Fail	N/A
v3 GPU	N/A	N/A	Success	Success	Fail	N/A
v4 GPU	N/A	N/A	Success	Success	Fail	N/A
v5 GPU	N/A	N/A	Success	Success	Success	Fail

Kesch-TDS

	GNU		PGI		Cray	
	Build	Run	Build	Run	Build	Run
v1 CPU	Success	Success	Success	Success	Success	Success
v2 CPU	Success	Success	Success	Success	Success	Success
v3 CPU	Success	Success	Success	Success	Success	Success
v4 CPU	Success	Success	Success	Success	Success	Success
v5 CPU	Success	Success	Success	Success	Success	Success
v1 GPU	N/A	N/A	Success	Fail	Success	Success
v2 GPU	N/A	N/A	Success	Fail	Fail	N/A
v3 GPU	N/A	N/A	Success	Success	Fail	N/A
v4 GPU	N/A	N/A	Success	Success	Fail	N/A
v5 GPU	N/A	N/A	Success	Success	Success	Success

Daint						
	GNU		PGI		Cray	
	Build	Run	Build	Run	Build	Run
v1 CPU	Success	Success	Success	Success	Success	Success
v2 CPU	Success	Success	Success	Success	Success	Success
v3 CPU	Success	Success	Success	Success	Success	Success
v4 CPU	Success	Success	Success	Success	Success	Success
v5 CPU	Success	Success	Success	Success	Success	Success
v1 GPU	Fail	N/A	Success	Fail	Success	Success
v2 GPU	Success ¹	Fail	Success	Fail	Fail	N/A
v3 GPU	Fail	N/A	Success	Success	Fail	N/A
v4 GPU	Fail	N/A	Success	Success	Fail	N/A
v5 GPU	Fail	N/A	Success	Success	Success	Success

Laptop (PGI 17.4 and 17.10)						
	GNU		PGI		Cray	
	Build	Run	Build	Run	Build	Run
v1 CPU	Success	Success	Success	Success	N/A	N/A
v2 CPU	Success	Success	Success	Success	N/A	N/A
v3 CPU	Success	Success	Success	Success	N/A	N/A
v4 CPU	Success	Success	Success	Success	N/A	N/A
v5 CPU	Success	Success	Success	Success	N/A	N/A
v1 GPU	N/A	N/A	Success	Fail	N/A	N/A
v2 GPU	N/A	N/A	Success	Fail	N/A	N/A
v3 GPU	N/A	N/A	Success	Success	N/A	N/A
v4 GPU	N/A	N/A	Success	Success	N/A	N/A
v5 GPU	N/A	N/A	Success	Success	N/A	N/A

¹Only without C.LOC output