

Okay well basically My testing was all on the snoopy cache. I used the following:

Table 5: Testing Timing Statistics					
Main Memory			Cache	L1	L2
Read Latency (cycles)	400		Hit Time (cycles)	1	4
Write Latency (cycles)	300		Miss Time (cycles)	3	7
			Checkpoint Time (cycles)	1	

This was all with both my replacement policy of CARER and LRU for a smaller set of testing. Also I ran a total of 25 million instructions per each test and my L2 cache size was constant for all

Table 6: Testing Variables Setup						
	CARER			LRU		
Test Bench	Barnes, Radix, Raytrace, Ocean, FFT, Cholesky, FMM			Barnes, Radix, Raytrace, Ocean, FFT, Cholesky, FMM		
Number of Processors	4	16	64	4	16	64
L1 Size (kb)	16, 32, 64, 128	16, 32, 64, 128	16, 32, 64, 128	16, 128	16, 128	16, 128
L1 Associativity	2, 4, 8, 16	2, 4, 8, 16	2, 4, 8, 16	2, 4, 8, 16	2, 4, 8, 16	2, 4, 8, 16

tests at 1024kb (1MB). Hope that helps.

Regards,

Matt

Quoting Eric Chang <erichang@cs.ucla.edu>:

> What configurations did you run it in? What I mean by that is did you  
 > use Snoopy or Directory? And what cache sizes and number of  
 > processors did you use? I just want to know the range. So far, only  
 > fft is working well on my Directory simulator. I'm using 1kb L1 cache  
 > and 2kb L2 cache to test. Although the cache sizes are small, I think

> it's better to use for testing the Directory. My fft works up to 32  
> processors, but none of the other benchmarks are working properly.  
>  
> Eric  
>  
> ----- Mensaje original -----  
> De: "Matthew Karpeles" <mkarpeles5@ucla.edu>  
> Para: "Eric Chang" <erichang@cs.ucla.edu>  
> Enviados: Miércoles, 1 de Diciembre 2010 9:37:09  
> Asunto: Re: Question About Splash2 Benchmarks  
>  
> Not a problem. What I got working are Barnes, Radix, Raytrace, Ocean,  
> FFT, Cholesky and FMM. Let me know if you have any questions or if you  
> got anything else working.  
>  
> Regards,  
> Matt  
>  
> Quoting Eric Chang <erichang@cs.ucla.edu>:  
>  
>> Dear Matt:  
>>  
>> Hi, how are you doing? I was wondering if you could give me a list  
>> of the splash2 benchmarks that you got working on your simulator.  
>>  
>> Eric  
>>  
>  
>  
>