Performance fastrtps

Latencies

Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version	2113db4	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	0	T_loop	1.0007	Memory check enabled	0
Topic name	Array2m	received	550.8	Msg name	Array2m
Number of publishers	1	sent	55.04	QOS Durability	VOLATILE
Number of subscribers	10	lost	0.0	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	0.0	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	1174322850.96	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	15.0964	QOS Sync. pub/sub	0
		latency_max (ms)	96.584	RMW Implementation	rmw_fastrtps_cpp
		latency_mean (ms)	38.1876	Roundtrip Mode	NONE
		latency_variance (ms)	0.1828	With security	0
		pub_loop_res_min (ms)	-19389.12	Zero copy transfer	0
		pub_loop_res_max (ms)	9223000000000.0		
		pub_loop_res_mean (ms)	4612240000000.0		
		pub_loop_res_variance (ms)	2.1266e+22		
		sub_loop_res_min (ms)	0.0		
		sub_loop_res_max (ms)	0.0		
		sub_loop_res_mean (ms)	0.0		
		sub_loop_res_variance (ms)	0.0		
		cpu_usage (%)	93.7932		
		max_ram_usage (MB)	187.2		