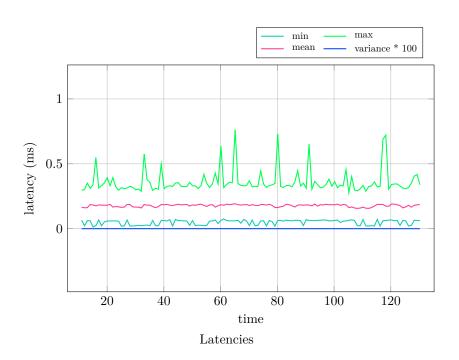
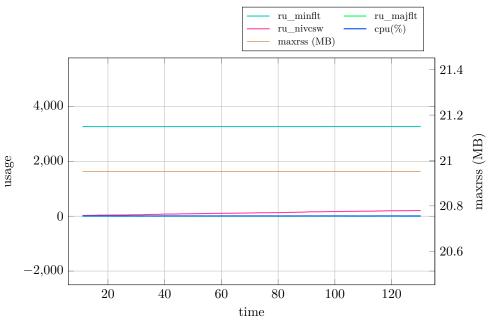
Performance

 Logfile name
 log_test_topic_01-12-2020_20-21-41

 Experiment id
 645089e5-9a85-4a22-bcdb-a71c942e8583

 Communication mean
 ROS2





Resource usage (man getrusage)

test setup

Performance Test Version 80ff298 Publishing rate 1000 Topic name test_topic Number of publishers 1 Number of subscribers 5 Maximum runtime (sec) 130 DDS domain id 0 Single participant -

average results

T_loop 1.0016 received 4997.5 sent 999.5083 lost 0.0083 relative_loss 0.0 data_received 81999423.7333 latency_min (ms) 0.0496 latency_mean (ms) 0.3599 latency_mean (ms) 0.1781 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.6423 pub_loop_res_mean (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	Experiment Status	success
received 4997.5 sent 999.5083 lost 0.0083 relative_loss 0.0 data_received 81999423.7333 latency_min (ms) 0.0496 latency_max (ms) 0.3599 latency_mean (ms) 0.1781 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.6423 pub_loop_res_max (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	1	
sent 999.5083 lost 0.0083 relative_loss 0.0 data_received 81999423.7333 latency_min (ms) 0.0496 latency_mean (ms) 0.3599 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.6423 pub_loop_res_max (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0		
lost 0.0083 relative_loss 0.0 data_received 81999423.7333 latency_min (ms) 0.0496 latency_max (ms) 0.3599 latency_mean (ms) 0.1781 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.6423 pub_loop_res_max (ms) 0.801 pub_loop_res_wariance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_max (ms) 0.0	received	
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latency_min (ms) 0.0496 latency_max (ms) 0.3599 latency_mean (ms) 0.1781 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.6423 pub_loop_res_max (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	relative_loss	0.0
latency_max (ms) 0.3599 latency_mean (ms) 0.1781 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.6423 pub_loop_res_max (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	data_received	81999423.7333
latency_mean (ms) 0.1781 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.6423 pub_loop_res_max (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	latency_min (ms)	0.0496
latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.6423 pub_loop_res_max (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	latency_max (ms)	0.3599
pub loop_res_min (ms) 0.6423 pub_loop_res_max (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	latency_mean (ms)	0.1781
pub_loop_res_max (ms) 0.8876 pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	latency_variance (ms)	0.0
pub_loop_res_mean (ms) 0.801 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	pub_loop_res_min (ms)	0.6423
pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0	pub_loop_res_max (ms)	0.8876
sub_loop_res_min (ms)0.0sub_loop_res_max (ms)0.0	pub_loop_res_mean (ms)	0.801
sub_loop_res_max (ms) 0.0	pub_loop_res_variance (ms)	0.0
	sub_loop_res_min (ms)	0.0
0.0	sub_loop_res_max (ms)	0.0
sub_loop_res_mean (ms) 0.0	sub_loop_res_mean (ms)	0.0
sub_loop_res_variance (ms) 0.0	sub_loop_res_variance (ms)	0.0
cpu_usage (%) 9.7464	cpu_usage (%)	9.7464

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
-	