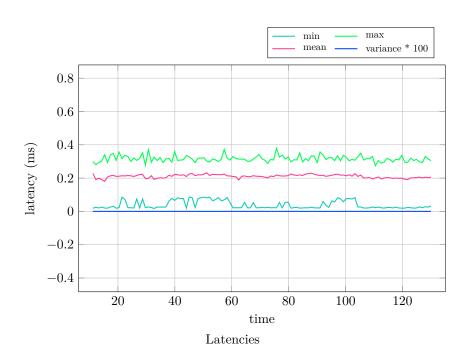
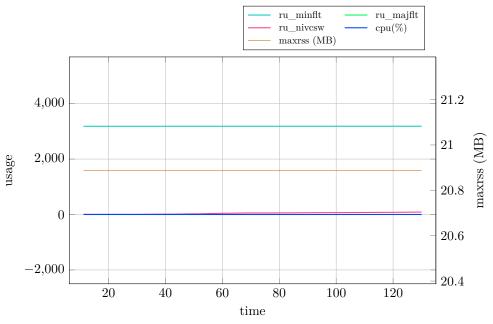
Performance

 Logfile name
 log_test_topic_29-11-2020_11-15-20

 Experiment id
 f475637d-f345-457c-b040-6f8f534be8cc

 Communication mean
 ROS2





Resource usage (man getrusage)

test setup

Performance Test Version 80ff298 Publishing rate 50 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 1.0243 received 247.4872 sent 49.4786 lost 0.0 relative_loss 0.0 data_received 19997.8803 latency_min (ms) 0.0392 latency_max (ms) 0.3163 latency_mean (ms) 0.211 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_man (ms) 0.0 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 0.7232	Experiment Status	success
sent 49.4786 lost 0.0 relative_loss 0.0 data_received 19997.8803 latency_min (ms) 0.0392 latency_max (ms) 0.3163 latency_mean (ms) 0.211 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 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	T_loop	1.0243
lost 0.0 relative_loss 0.0 data_received 19997.8803 latency_min (ms) 0.0392 latency_max (ms) 0.3163 latency_mean (ms) 0.211 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.4959 pub_loop_res_wariance (ms) 0.0 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 sub_loop_res_variance (ms) 0.0	received	247.4872
relative_loss 0.0 data_received 19997.8803 latency_min (ms) 0.0392 latency_max (ms) 0.3163 latency_mean (ms) 0.211 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0	sent	49.4786
data_received 19997.8803 latency_min (ms) 0.0392 latency_max (ms) 0.3163 latency_mean (ms) 0.211 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_wariance (ms) 0.0 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	lost	0.0
latency_min (ms) 0.0392 latency_max (ms) 0.3163 latency_mean (ms) 0.211 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 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	relative_loss	0.0
latency_max (ms) 0.3163 latency_mean (ms) 0.211 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 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	data_received	19997.8803
latency_mean (ms) 0.211 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0	latency_min (ms)	0.0392
latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_wariance (ms) 0.0 sub_loop_res_variance (ms) 0.0	latency_max (ms)	0.3163
pub_loop_res_min (ms) 19.3795 pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 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	latency_mean (ms)	0.211
pub_loop_res_max (ms) 19.8694 pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 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	latency_variance (ms)	0.0
pub_loop_res_mean (ms) 19.4959 pub_loop_res_variance (ms) 0.0 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	pub_loop_res_min (ms)	19.3795
pub_loop_res_variance (ms) 0.0 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	pub_loop_res_max (ms)	19.8694
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	pub_loop_res_mean (ms)	19.4959
sub_loop_res_max (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0	pub_loop_res_variance (ms)	0.0
sub_loop_res_mean (ms)0.0sub_loop_res_variance (ms)0.0	sub_loop_res_min (ms)	0.0
sub_loop_res_variance (ms) 0.0	sub_loop_res_max (ms)	0.0
	sub_loop_res_mean (ms)	0.0
cpu_usage (%) 0.7232		0.0
	cpu_usage (%)	0.7232

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Range
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0