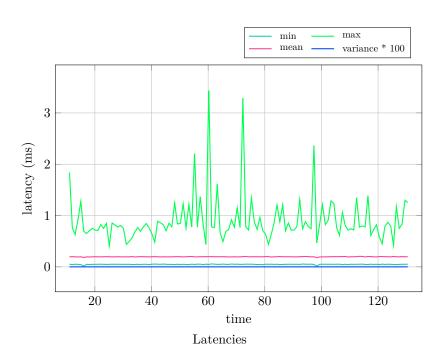
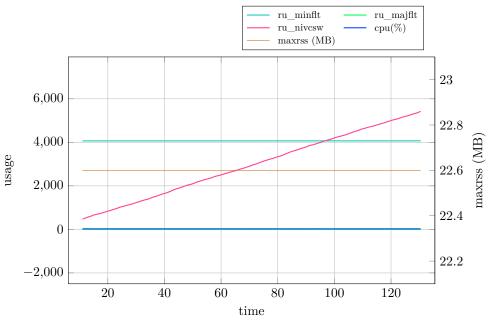
Performance

 Logfile name
 log_test_topic_30-11-2020_10-25-56

 Experiment id
 9dedb5bd-f582-4d2a-9842-5e5b2488b5f9

 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 10 Maximum runtime (sec) 130 DDS domain id 0 Single participant -

average results

T_loop 1.0034 received 9994.9083 sent 999.4333 lost 0.0 relative_loss 0.0 data_received 5279984.8333 latency_min (ms) 0.0491 latency_max (ms) 0.9031 latency_mean (ms) 0.1971 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.5667 pub_loop_res_max (ms) 0.7805 pub_loop_res_wariance (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_wariance (ms) 0.0 cpu_usage (%) 25.3246	Experiment Status	success
sent 999.4333 lost 0.0 relative_loss 0.0 data_received 527984.8333 latency_min (ms) 0.0491 latency_max (ms) 0.9031 latency_mean (ms) 0.1971 latency_variance (ms) 0.5667 pub_loop_res_min (ms) 0.8563 pub_loop_res_mean (ms) 0.7805 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	1.0034
lost 0.0 relative_loss 0.0 data_received 5279984.8333 latency_min (ms) 0.0491 latency_max (ms) 0.9031 latency_mean (ms) 0.1971 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.5667 pub_loop_res_max (ms) 0.7805 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	9994.9083
relative_loss data_received	sent	999.4333
data_received 5279984.8333 latency_min (ms) 0.0491 latency_max (ms) 0.9031 latency_mean (ms) 0.1971 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.5667 pub_loop_res_max (ms) 0.8563 pub_loop_res_mean (ms) 0.7805 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	lost	0.0
latency_min (ms) 0.0491 latency_max (ms) 0.9031 latency_mean (ms) 0.1971 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.5667 pub_loop_res_max (ms) 0.8563 pub_loop_res_mean (ms) 0.7805 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) 0.9031 latency_mean (ms) 0.1971 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.5667 pub_loop_res_max (ms) 0.8563 pub_loop_res_mean (ms) 0.7805 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	5279984.8333
latency_mean (ms) 0.1971 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.5667 pub_loop_res_max (ms) 0.8563 pub_loop_res_mean (ms) 0.7805 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_min (ms)	0.0491
latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.5667 pub_loop_res_max (ms) 0.8563 pub_loop_res_mean (ms) 0.7805 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_max (ms)	0.9031
pub_loop_res_min (ms) 0.5667 pub_loop_res_max (ms) 0.8563 pub_loop_res_mean (ms) 0.7805 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)	0.1971
pub_loop_res_max (ms) 0.8563 pub_loop_res_mean (ms) 0.7805 pub_loop_res_variance (ms) 0.0 sub_loop_res_mix (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_wariance (ms) 0.0 sub_loop_res_variance (ms) 0.0	latency_variance (ms)	0.0
pub_loop_res_mean (ms) 0.7805 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)	0.5667
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)	0.8563
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)	0.7805
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 (%) 25.3246	sub_loop_res_variance (ms)	0.0
	cpu_usage (%)	25.3246

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
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