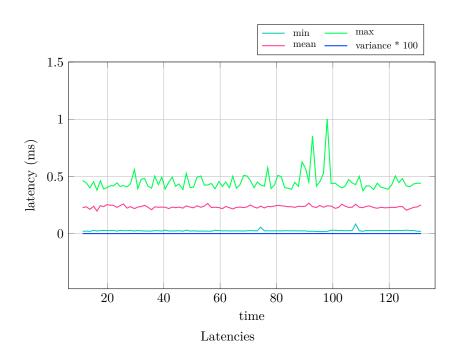
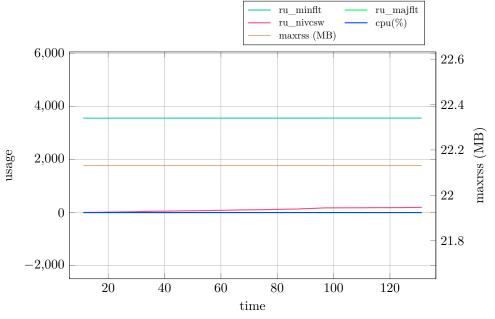
Performance

 Logfile name
 log_test_topic_28-11-2020_20-30-57

 Experiment id
 62416b33-7990-44c4-bdb9-121c5514a66e

 Communication mean
 ROS2





Resource usage (man getrusage)

test setup

Performance Test Version 80ff298 Publishing rate 10 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 1.2493 received 94.7835 sent 9.4845 lost 0.0 relative_loss 0.0 data_received 8000.1031 latency_min (ms) 0.026 latency_max (ms) 0.4524 latency_weriance (ms) 0.0 pub_loop_res_min (ms) 99.3638 pub_loop_res_max (ms) 99.8779 pub_loop_res_mean (ms) 99.5119 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_variance (ms) 0.0 cpu_usage (%) 1.9052	Experiment Status	success
sent 9.4845 lost 0.0 relative_loss 0.0 data_received 8000.1031 latency_min (ms) 0.026 latency_max (ms) 0.4524 latency_wariance (ms) 0.0 pub_loop_res_min (ms) 99.3638 pub_loop_res_max (ms) 99.8779 pub_loop_res_mean (ms) 99.5119 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	T loop	1.2493
lost 0.0 relative_loss 0.0 data_received 8000.1031 latency_min (ms) 0.026 latency_max (ms) 0.4524 latency_wariance (ms) 0.0 pub_loop_res_min (ms) 99.3638 pub_loop_res_max (ms) 99.8779 pub_loop_res_mean (ms) 99.5119 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	received	94.7835
relative_loss 0.0 data_received 8000.1031 latency_min (ms) 0.026 latency_max (ms) 0.4524 latency_mean (ms) 0.2343 latency_variance (ms) 99.3638 pub_loop_res_min (ms) 99.8779 pub_loop_res_mean (ms) 99.5119 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_wariance (ms) 0.0 sub_loop_res_variance (ms) 0.0	sent	9.4845
data_received 8000.1031 latency_min (ms) 0.026 latency_max (ms) 0.4524 latency_wariance (ms) 0.0 pub_loop_res_min (ms) 99.3638 pub_loop_res_max (ms) 99.8779 pub_loop_res_mean (ms) 99.5119 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_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0	lost	0.0
latency_min (ms) 0.026 latency_max (ms) 0.4524 latency_mean (ms) 0.2343 latency_variance (ms) 0.0 pub_loop_res_min (ms) 99.3638 pub_loop_res_max (ms) 99.8779 pub_loop_res_mean (ms) 99.5119 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) 0.4524 latency_wariance (ms) 0.2343 latency_variance (ms) 0.0 pub_loop_res_min (ms) 99.3638 pub_loop_res_max (ms) 99.5719 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_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0	data_received	8000.1031
latency_mean (ms)	latency_min (ms)	0.026
latency_variance (ms)	latency_max (ms)	0.4524
pub_loop_res_min (ms) 99.3638 pub_loop_res_max (ms) 99.8779 pub_loop_res_mean (ms) 99.5119 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)	0.2343
pub_loop_res_max (ms) 99.8779 pub_loop_res_mean (ms) 99.5119 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) 99.5119 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)	99.3638
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)	99.8779
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)	99.5119
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 (%) 1.9052	sub_loop_res_variance (ms)	0.0
	cpu_usage (%)	1.9052

environment

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