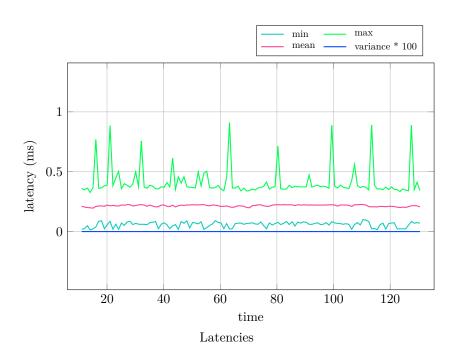
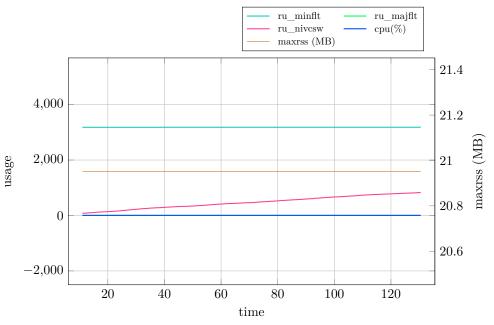
Performance

 Logfile name
 log_test_topic_01-12-2020_14-34-55

 Experiment id
 4caa73bf-5712-4014-8213-30649d329188

 Communication mean
 ROS2





Resource usage (man getrusage)

test setup

Performance Test Version 80ff298 Publishing rate 500 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 1.0037 received 2497.425 sent 499.5333 lost 0.0 relative_loss 0.0 data_received 2600008.5667 latency_min (ms) 0.059 latency_max (ms) 0.2161 latency_wariance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_man (ms) 0.0 sub_loop_res_variance (ms) 0.0	Experiment Status	success
sent 499.5333 lost 0.0 relative_loss 0.0 data_received 2600008.5667 latency_min (ms) 0.059 latency_max (ms) 0.4126 latency_wariance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (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	T_loop	1.0037
lost 0.0 relative_loss 0.0 data_received 2600008.5667 latency_min (ms) 0.059 latency_max (ms) 0.4126 latency_mean (ms) 0.2161 latency_variance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.6335 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	2497.425
relative_loss 0.0 data_received 2600008.5667 latency_min (ms) 0.059 latency_max (ms) 0.4126 latency_mean (ms) 0.2161 latency_variance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 1.6335 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_mean (ms) 0.0 sub_loop_res_variance (ms) 0.0 sub_loop_res_variance (ms) 0.0	sent	499.5333
data_received 2600008.5667 latency_min (ms) 0.059 latency_max (ms) 0.4126 latency_mean (ms) 0.2161 latency_variance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 0.0 sub_loop_res_variance (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	lost	0.0
latency_min (ms) 0.059 latency_max (ms) 0.4126 latency_mean (ms) 0.2161 latency_variance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 1.6335 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) 0.4126 latency_mean (ms) 0.2161 latency_variance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 1.6335 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	2600008.5667
latency_mean (ms) 0.2161 latency_variance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 1.6335 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)	0.059
latency_variance (ms) 0.0 pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 1.6335 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_max (ms)	0.4126
pub_loop_res_min (ms) 1.5487 pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 1.6335 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)	0.2161
pub_loop_res_max (ms) 1.8896 pub_loop_res_mean (ms) 1.6335 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) 1.6335 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)	1.5487
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)	1.8896
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)	1.6335
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 (%) 5.2408	sub_loop_res_variance (ms)	0.0
	cpu_usage (%)	5.2408

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
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