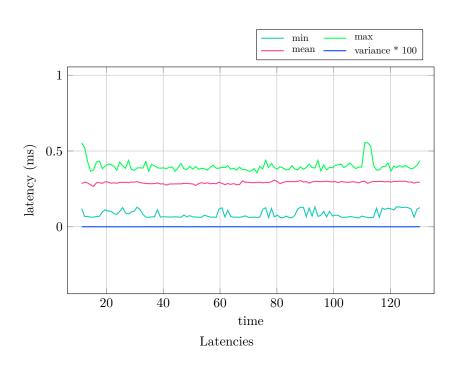
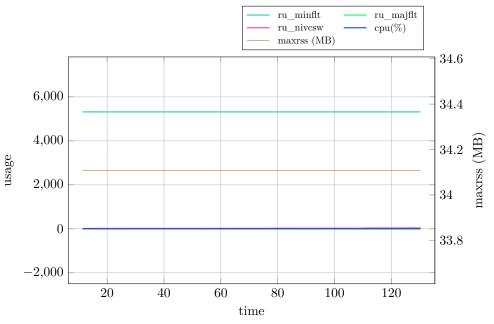
Performance

 Logfile name
 log_test_topic_01-12-2020_10-05-59

 Experiment id
 f25e39a0-2b29-49f5-ada1-ec87c9e64bfc

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

average results

T_loop 1.0253 received 247.5043 sent 49.4786 lost 0.0 relative_loss 0.0 data_received 4100002.0427 latency_min (ms) 0.0841 latency_max (ms) 0.3999 latency_mean (ms) 0.2917 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.5351 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_variance (ms) 0.0 cpu_usage (%) 0.7115	Experiment Status	success
sent 49.4786 lost 0.0 relative_loss 0.0 data_received 4100002.0427 latency_min (ms) 0.0841 latency_max (ms) 0.3999 latency_wariance (ms) 0.2917 latency_variance (ms) 19.4379 pub_loop_res_min (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 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	1.0253
lost 0.0 relative_loss 0.0 data_received 4100002.0427 latency_min (ms) 0.0841 latency_max (ms) 0.3999 latency_mean (ms) 0.2917 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 pub_loop_res_variance (ms) 0.0 sub_loop_res_min (ms) 0.0 sub_loop_res_max (ms) 0.0 sub_loop_res_wariance (ms) 0.0 sub_loop_res_variance (ms) 0.0	received	247.5043
relative_loss data_received data_received 4100002.0427 latency_min (ms) 0.0841 latency_max (ms) 0.3999 latency_mean (ms) 0.2917 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 pub_loop_res_wariance (ms) sub_loop_res_min (ms) 0.0 sub_loop_res_min (ms) sub_loop_res_max (ms) 0.0 sub_loop_res_man (ms) sub_loop_res_man (ms) 0.0 sub_loop_res_man (ms) 0.0 sub_loop_res_variance (ms) 0.0	sent	49.4786
data_received 4100002.0427 latency_min (ms) 0.0841 latency_max (ms) 0.3999 latency_mean (ms) 0.2917 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 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) 0.0841 latency_max (ms) 0.3999 latency_mean (ms) 0.2917 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 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) 0.3999 latency_mean (ms) 0.2917 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 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	4100002.0427
latency_mean (ms) 0.2917 latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 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_min (ms)	0.0841
latency_variance (ms) 0.0 pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 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)	0.3999
pub_loop_res_min (ms) 19.4379 pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 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)	0.2917
pub_loop_res_max (ms) 19.8728 pub_loop_res_mean (ms) 19.5351 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) 19.5351 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)	19.4379
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)	19.8728
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)	19.5351
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 (%) 0.7115	sub_loop_res_variance (ms)	0.0
	cpu_usage (%)	0.7115

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0
-	