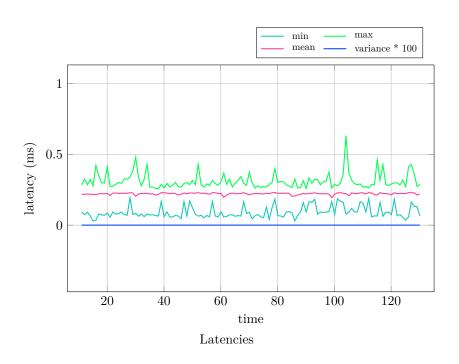
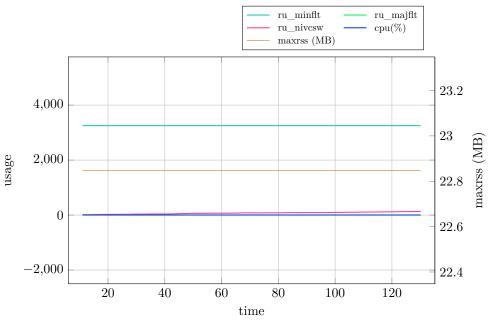
Performance

 Logfile name
 log_test_topic_30-11-2020_03-54-21

 Experiment id
 27530dca-df79-46c9-a156-24e9a42405f6

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

average results

T_loop 1.0007 received 999.5083 lost 0.0 relative_loss 0.0 data_received 167999.2333 latency_min (ms) 0.0913 latency_max (ms) 0.3109 latency_mean (ms) 0.2219 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.9279 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 cpu_usage (%) 2.9055	Experiment Status	success
sent 999.5083 lost 0.0 relative_loss 0.0 data_received 167999.2333 latency_min (ms) 0.0913 latency_max (ms) 0.3109 latency_wariance (ms) 0.2219 latency_variance (ms) 0.7312 pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.8374 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	T_loop	1.0007
lost 0.0 relative_loss 0.0 data_received 167999.2333 latency_min (ms) 0.0913 latency_max (ms) 0.3109 latency_mean (ms) 0.2219 latency_variance (ms) 0.0 pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 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	999.5083
relative_loss 0.0 data_received 167999.2333 latency_min (ms) 0.0913 latency_max (ms) 0.3109 latency_mean (ms) 0.2219 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 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	999.5083
data_received 167999.2333 latency_min (ms) 0.0913 latency_max (ms) 0.3109 latency_mean (ms) 0.2219 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 pub_loop_res_min (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	lost	0.0
latency_min (ms) 0.0913 latency_max (ms) 0.3109 latency_mean (ms) 0.2219 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 pub_loop_res_min (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) 0.3109 latency_mean (ms) 0.2219 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 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	167999.2333
latency_mean (ms) 0.2219 latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 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)	0.0913
latency_variance (ms) 0.0 pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 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	latency_max (ms)	0.3109
pub_loop_res_min (ms) 0.7312 pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 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	latency_mean (ms)	0.2219
pub_loop_res_max (ms) 0.9279 pub_loop_res_mean (ms) 0.8374 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) 0.8374 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)	0.7312
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)	0.9279
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)	0.8374
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 (%) 2.9055		0.0
	cpu_usage (%)	2.9055

environment

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