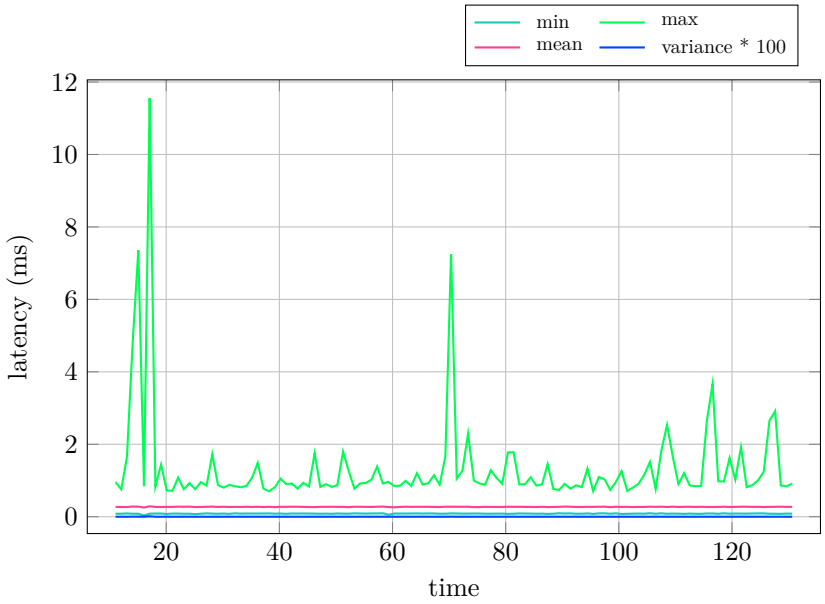
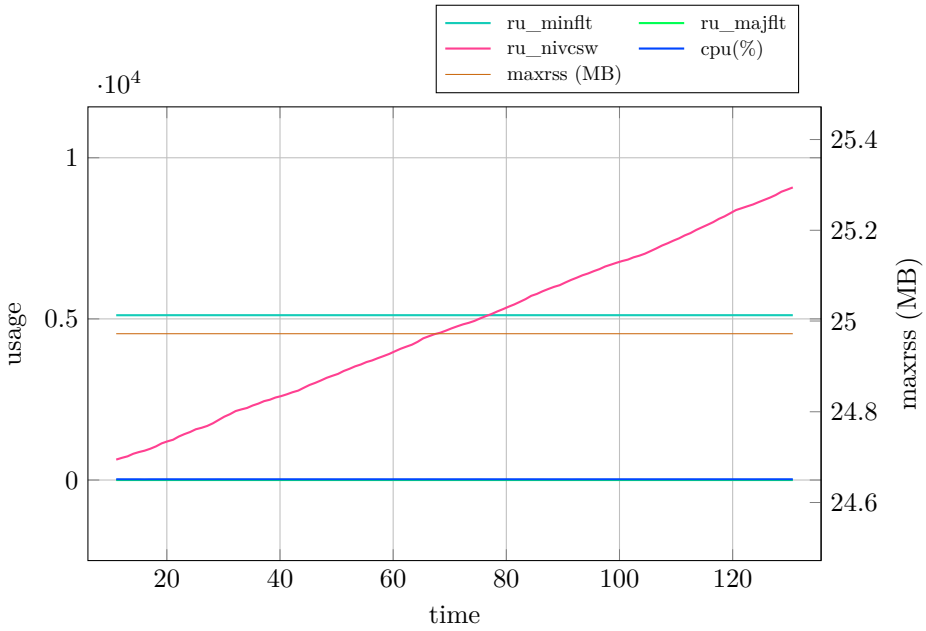
Performance

Logfile name	log_test_topic_30-11-2020_10-03-03
Experiment id	f8d634b8-076c-490f-af5b-099a41d1e031
Communication mean	ROS2



Latencies



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

Experiment Status	success
T_loop	1.0045
received	9994.4917
sent	999.4917
lost	0.3333
relative_loss	0.0003
data_received	799956.45
latency_min (ms)	0.0855
latency_max (ms)	1.3376
latency_mean (ms)	0.2724
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6872
pub_loop_res_max (ms)	0.927
pub_loop_res_mean (ms)	0.8735
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
cpu_usage (%)	21.8975

environment

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