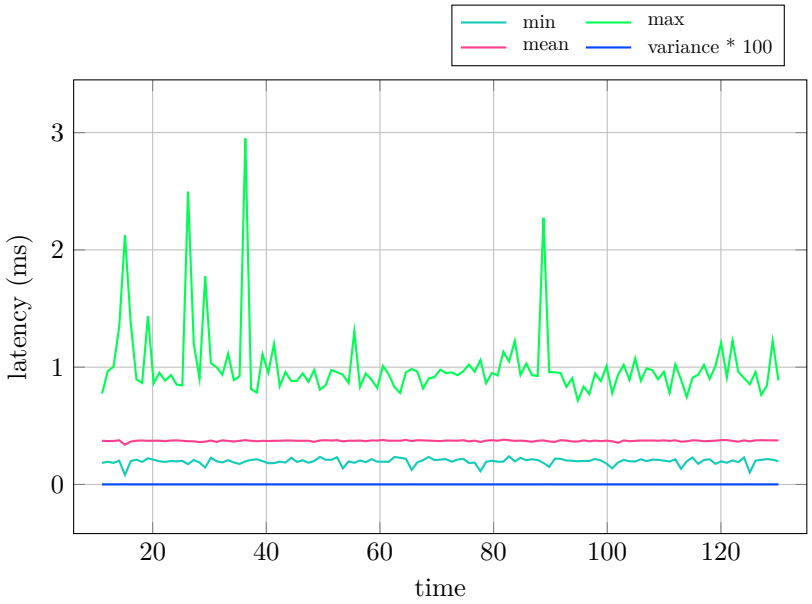
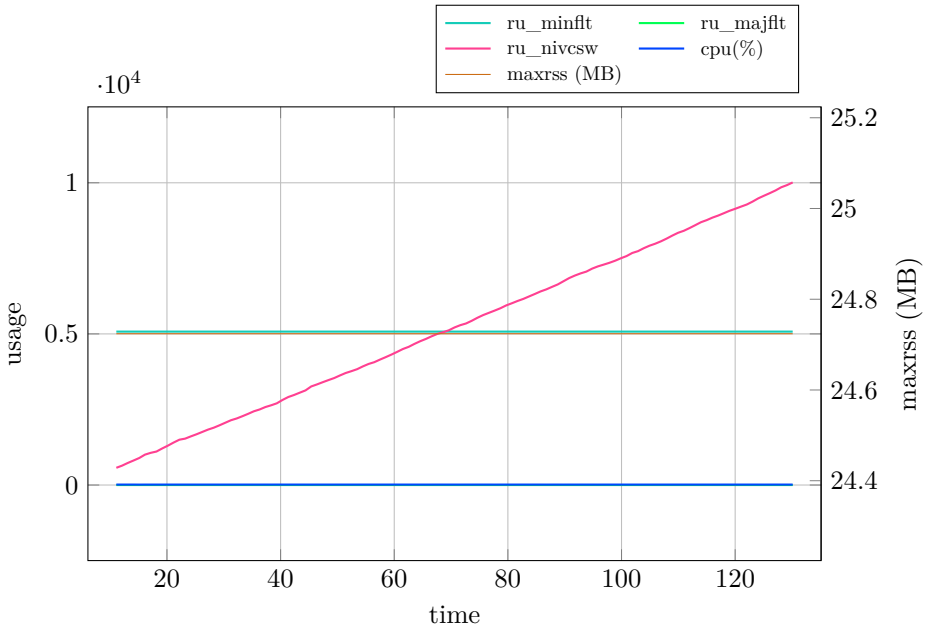
Performance

Logfile name	log_test_topic_29-11-2020_21-42-16
Experiment id	757410bc-118d-476b-a79e-c5fe393eca90
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0084
received	4994.8655
sent	499.4874
lost	0.0
relative_loss	0.0
data_received	4199928.2941
latency_min (ms)	0.1967
latency_max (ms)	1.0086
latency_mean (ms)	0.3718
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.6354
pub_loop_res_max (ms)	1.8807
pub_loop_res_mean (ms)	1.8051
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 (%)	14.4409

environment

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