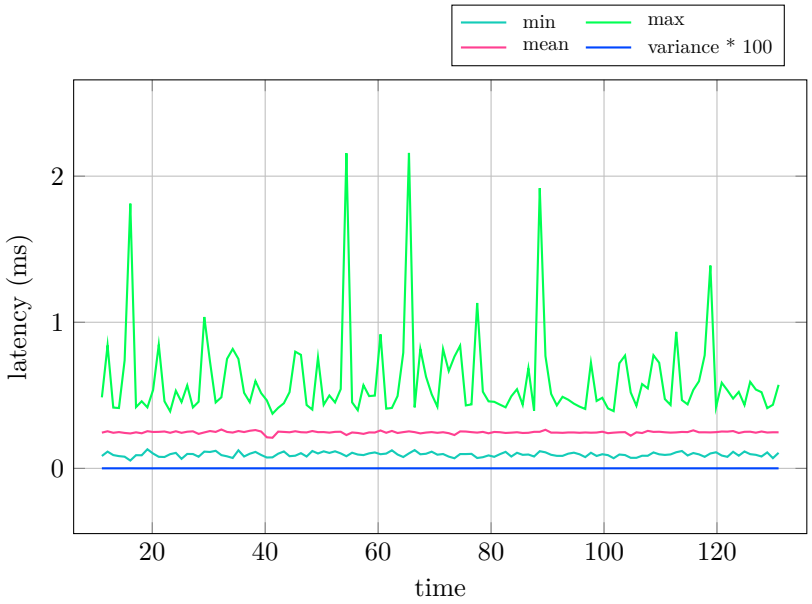
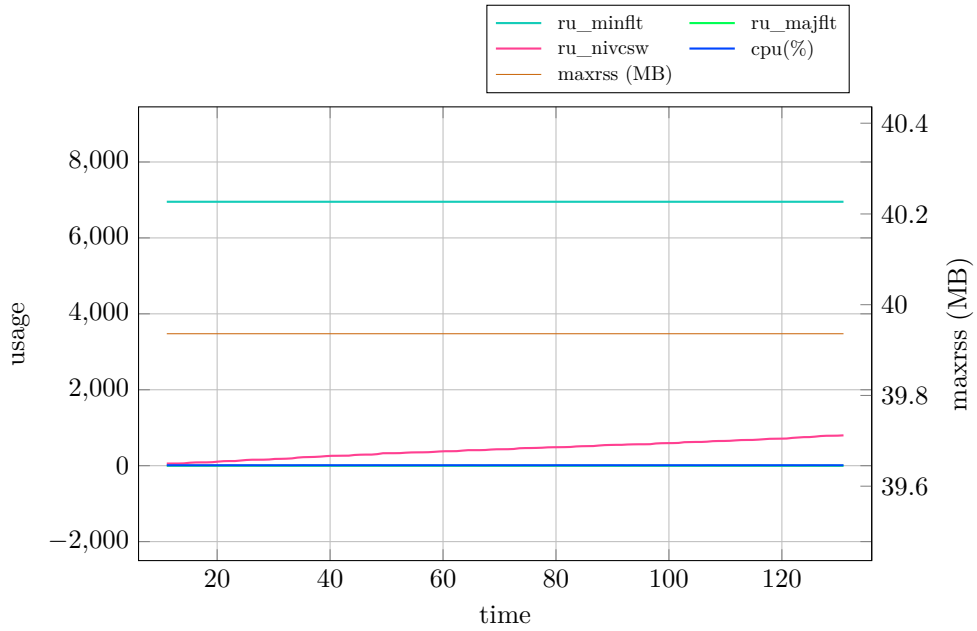
Performance

Logfile name	log_test_topic_30-11-2020_00-38-55
Experiment id	b789e3dc-9833-4000-bce1-50d2d11e0019
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	1.0067
received	4995.0167
sent	499.525
lost	0.0
relative_loss	0.0
data_received	399994.5583
latency_min (ms)	0.095
latency_max (ms)	0.6087
latency_mean (ms)	0.2468
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7893
pub_loop_res_max (ms)	1.9376
pub_loop_res_mean (ms)	1.8824
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 (%)	10.8458

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0