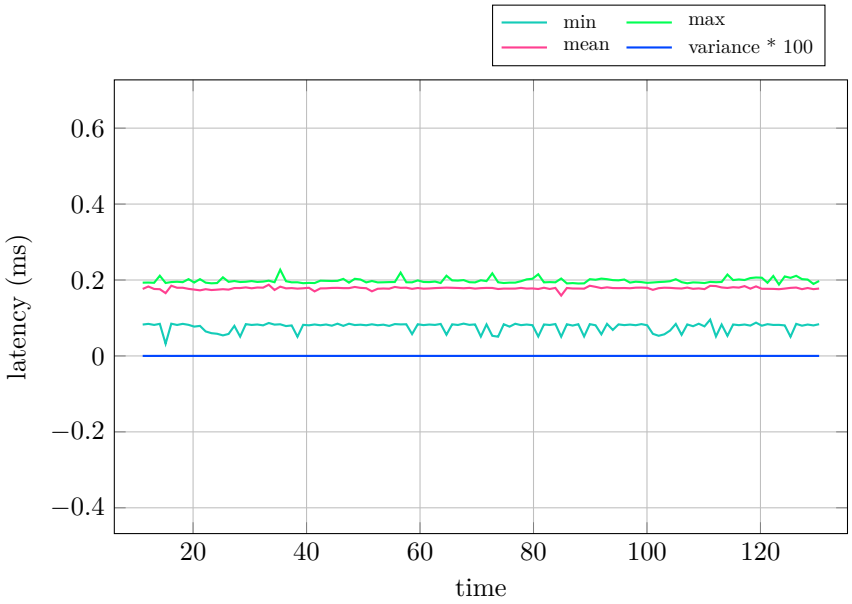
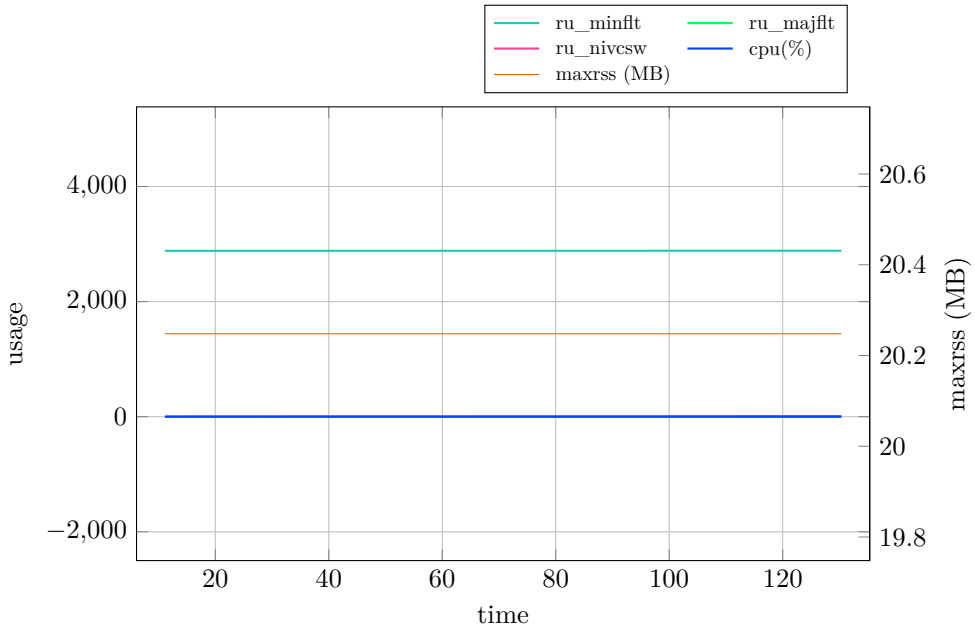
Performance

Logfile name	log_test_topic_01-12-2020_07-43-40
Experiment id	13824305-ff6c-4a57-a3a8-6f6c41a68828
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0102
received	49.521
sent	49.5042
lost	0.0
relative_loss	0.0
data_received	4000.0588
latency_min (ms)	0.0763
latency_max (ms)	0.1979
latency_mean (ms)	0.1782
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4196
pub_loop_res_max (ms)	19.8727
pub_loop_res_mean (ms)	19.5132
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 (%)	0.2016

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	RadarDetection
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0