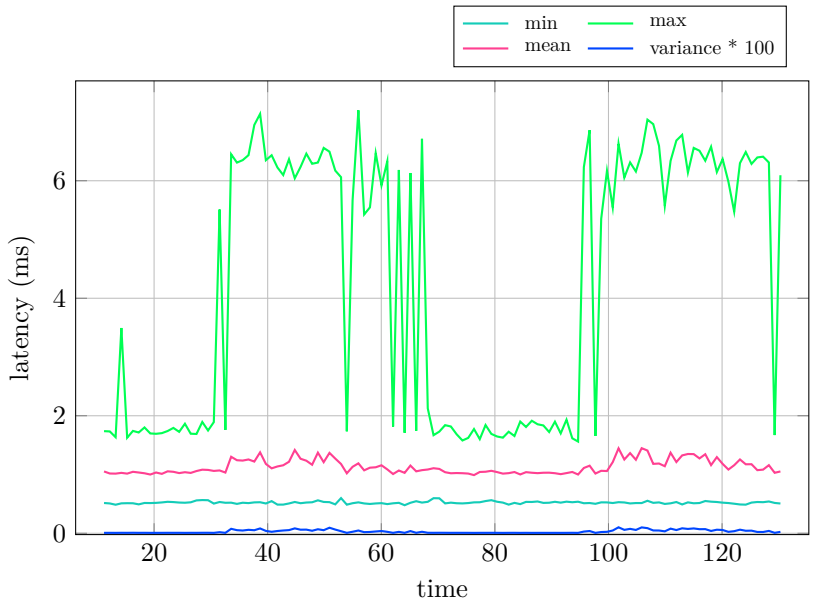
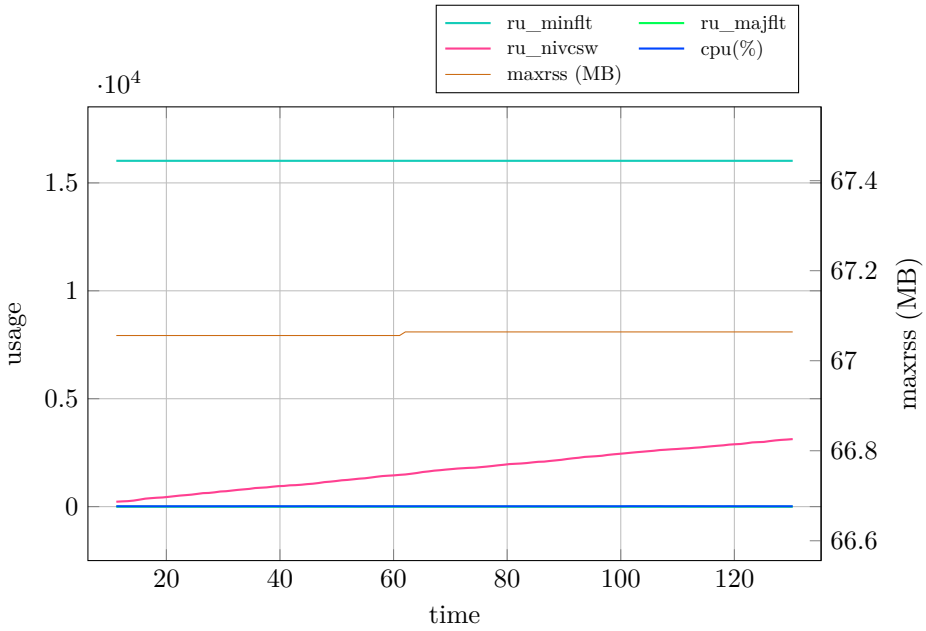
Performance

Logfile name	log_test_topic_29-11-2020_21-28-28
Experiment id	eb7f6aaa-1d2e-47ce-879c-76a1cf516fbb
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	1.0176
received	4952.9576
sent	499.5
lost	39.0678
relative_loss	0.0781
data_received	5199252154.1356
latency_min (ms)	0.5213
latency_max (ms)	4.2296
latency_mean (ms)	1.1302
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	0.9336
pub_loop_res_max (ms)	1.6948
pub_loop_res_mean (ms)	1.5216
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 (%)	15.5781

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud1m
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