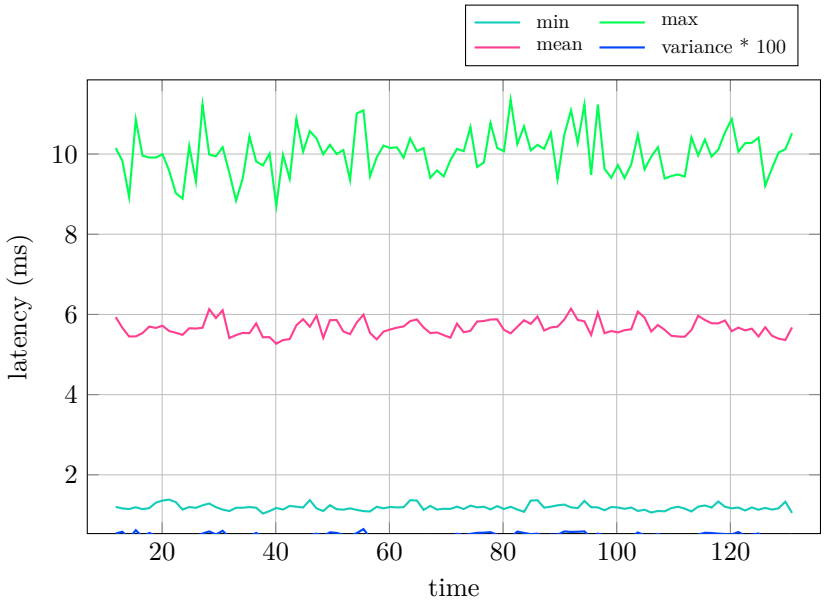
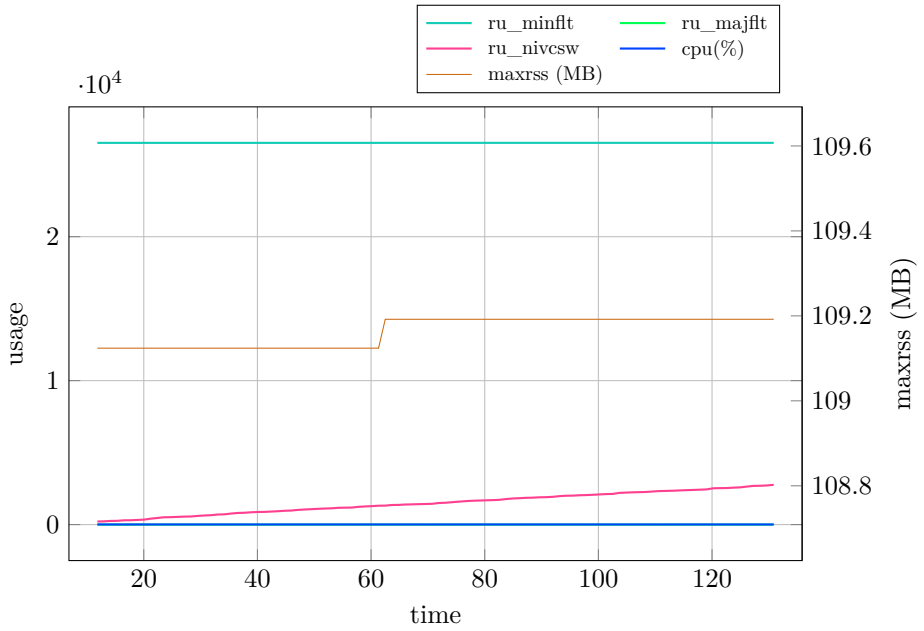
Performance

Logfile name	log_test_topic_29-11-2020_12-38-44
Experiment id	69e926c5-36e6-46c5-97e1-407cb21664d8
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.1782
received	494.9902
sent	49.4902
lost	0.0
relative_loss	0.0
data_received	1048812896.8922
latency_min (ms)	1.1867
latency_max (ms)	10.0243
latency_mean (ms)	5.6679
latency_variance (ms)	0.005
pub_loop_res_min (ms)	17.9088
pub_loop_res_max (ms)	19.4255
pub_loop_res_mean (ms)	18.3486
pub_loop_res_variance (ms)	0.0002
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 (%)	9.6038

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
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