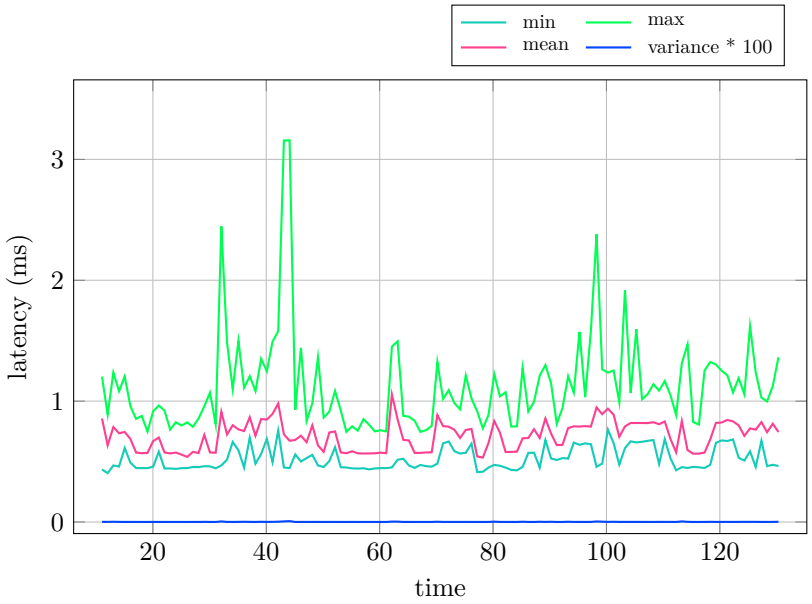
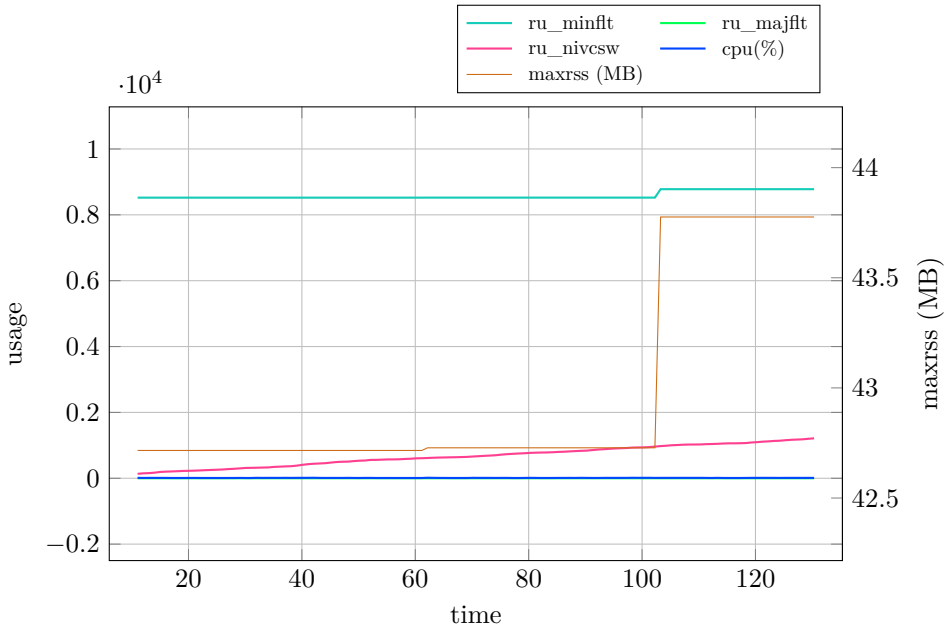
Performance

Logfile name	log_test_topic_27-11-2020_13-51-33
Experiment id	3c0f2d08-46a1-4a4c-b504-37dcafc14de3
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
Topic name	test_topic
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0025
received	2998.3083
sent	999.4917
lost	0.125
relative_loss	0.0002
data_received	3146946399.0583
latency_min (ms)	0.5214
latency_max (ms)	1.1294
latency_mean (ms)	0.7147
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.478
pub_loop_res_max (ms)	0.7082
pub_loop_res_mean (ms)	0.6029
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 (%)	10.4785

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