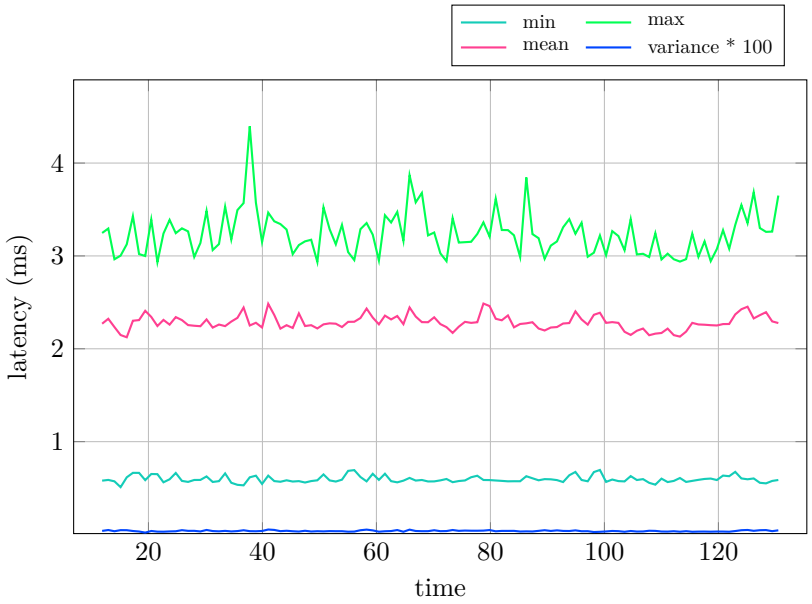
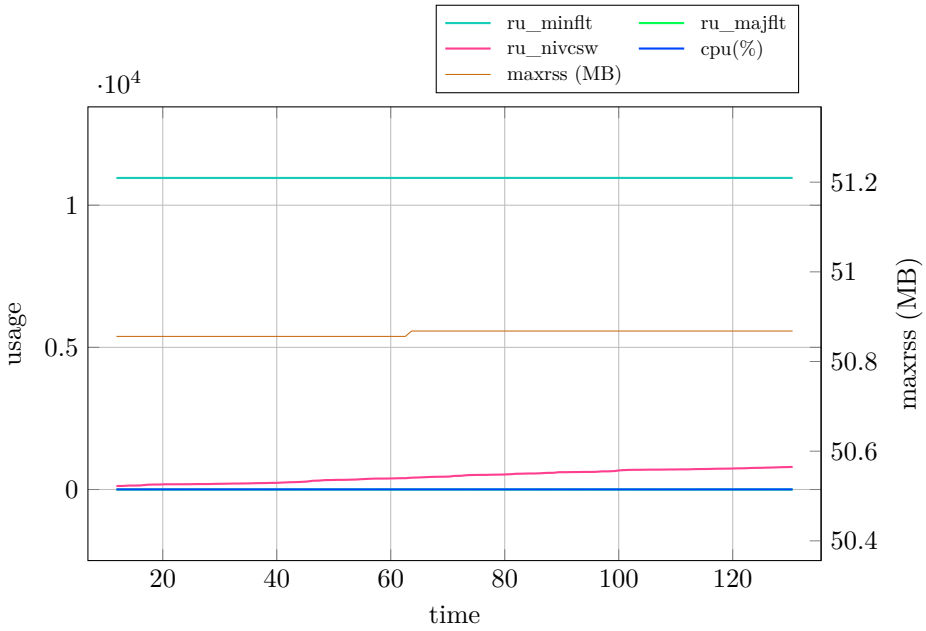
Performance

Logfile name	log_test_topic_29-11-2020_10-24-58
Experiment id	dc53df04-26de-43d9-a64c-1d60153b2c35
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0784
received	247.6216
sent	49.4505
lost	0.0
relative_loss	0.0
data_received	262261599.982
latency_min (ms)	0.5952
latency_max (ms)	3.2414
latency_mean (ms)	2.2845
latency_variance (ms)	0.0004
pub_loop_res_min (ms)	18.7424
pub_loop_res_max (ms)	19.62
pub_loop_res_mean (ms)	18.9785
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 (%)	3.5791

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