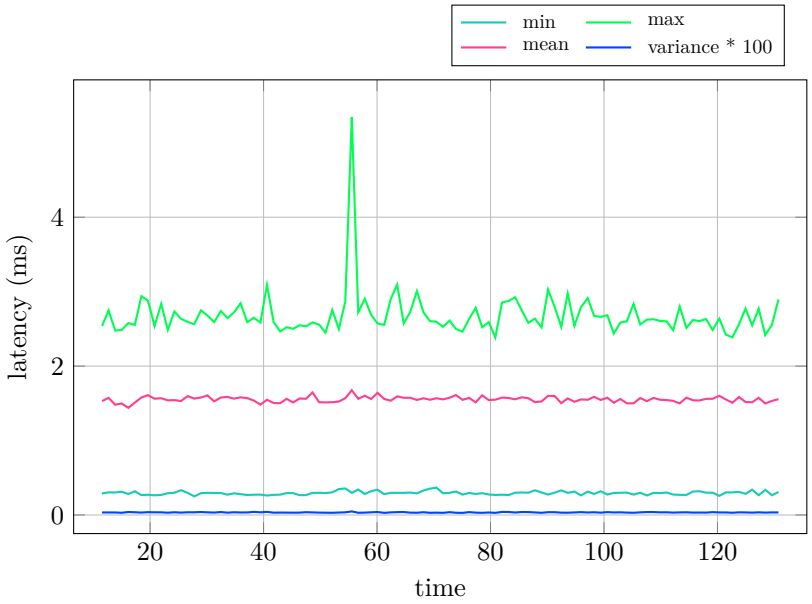
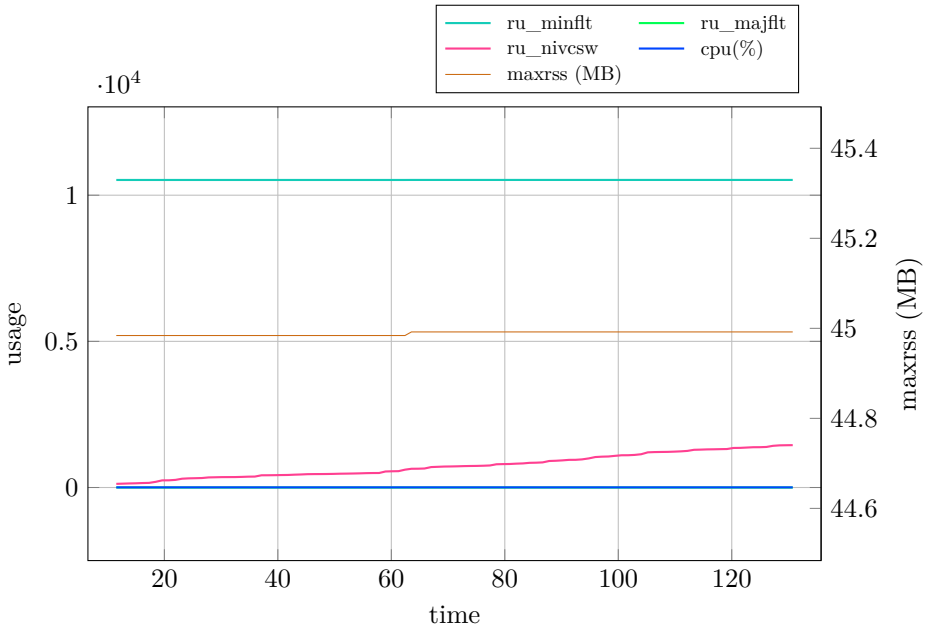
Performance

Logfile name	log_test_topic_29-11-2020_12-34-07
Experiment id	fc943062-2bb2-400e-ab49-4f838fe05129
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	1.1573
received	494.7981
sent	49.4904
lost	0.0
relative_loss	0.0
data_received	262382439.125
latency_min (ms)	0.2952
latency_max (ms)	2.6795
latency_mean (ms)	1.5529
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	19.3415
pub_loop_res_max (ms)	19.795
pub_loop_res_mean (ms)	19.4748
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 (%)	4.6075

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud512k
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