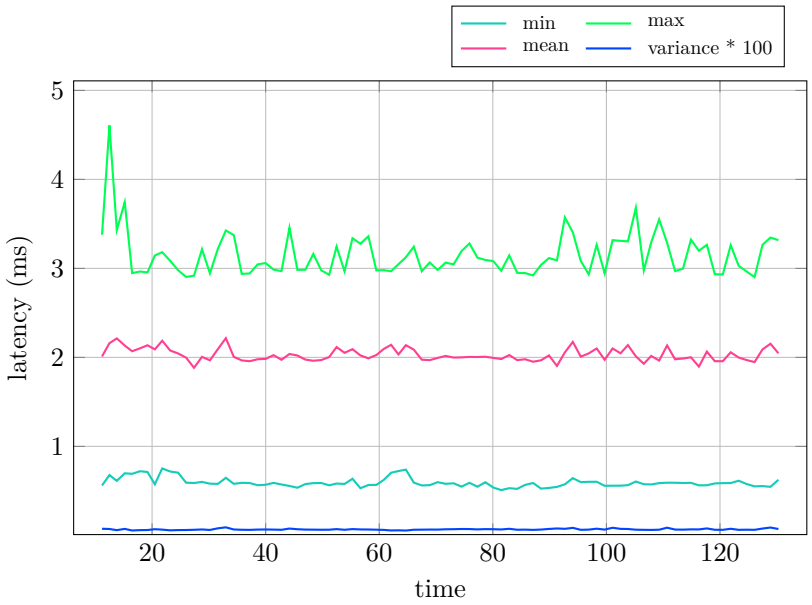
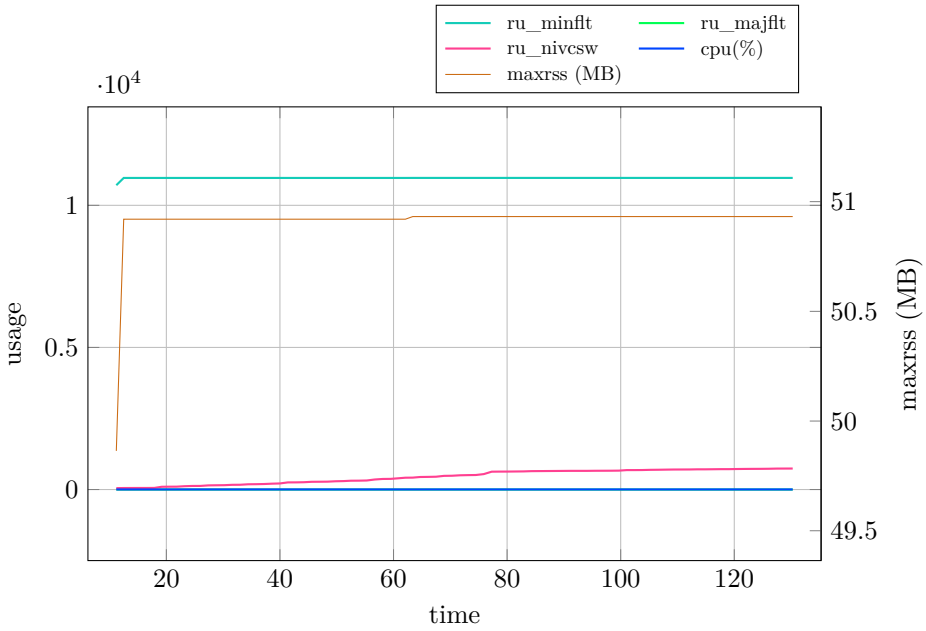
Performance

Logfile name	log_test_topic_28-11-2020_10-50-46
Experiment id	0d5bed10-fb6d-4dc9-b5b5-d365aa1fbc75
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.3849
received	47.5287
sent	9.5402
lost	0.0
relative_loss	0.0
data_received	52460033.4598
latency_min (ms)	0.5935
latency_max (ms)	3.1504
latency_mean (ms)	2.0297
latency_variance (ms)	0.0007
pub_loop_res_min (ms)	98.936
pub_loop_res_max (ms)	99.6748
pub_loop_res_mean (ms)	99.1803
pub_loop_res_variance (ms)	0.0001
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 (%)	3.4297

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