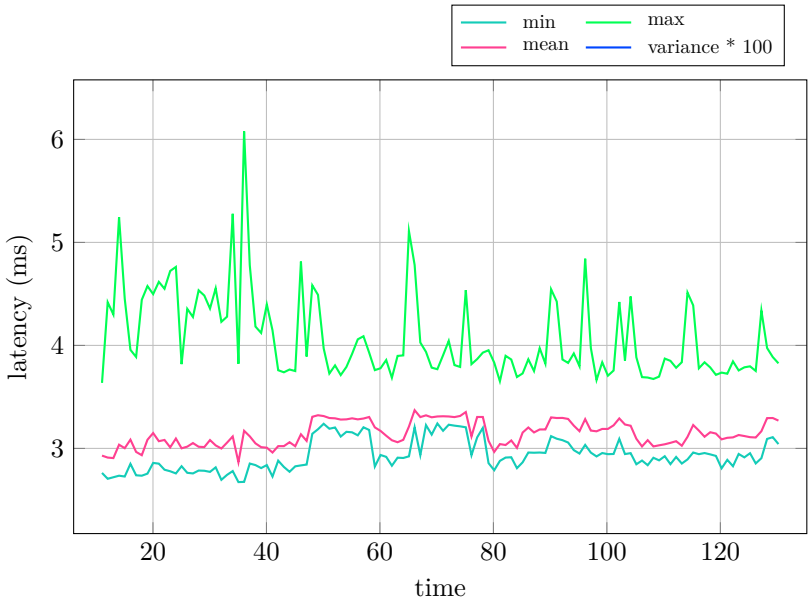
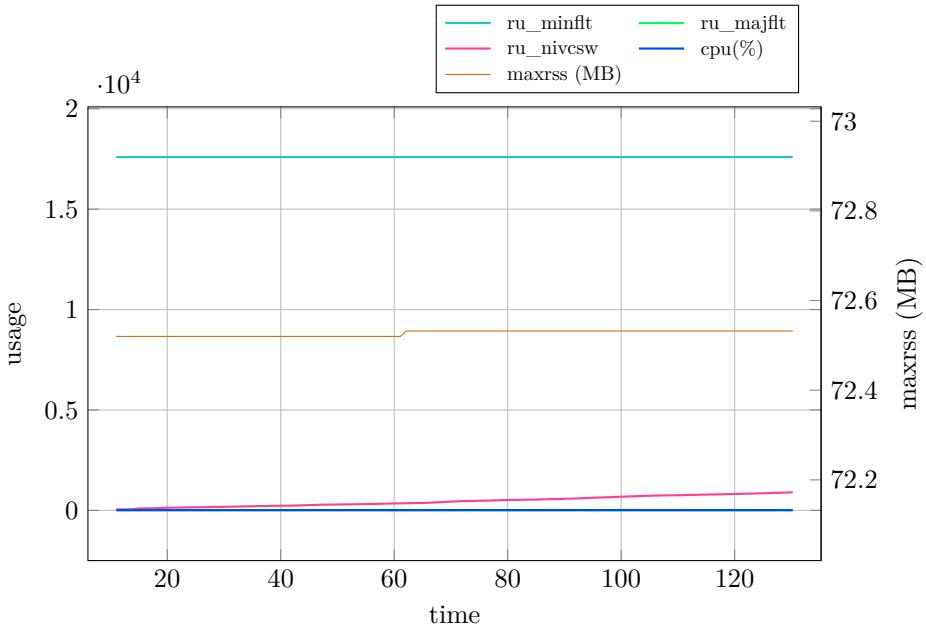
Performance

Logfile name	log_test_topic_29-11-2020_16-29-27
Experiment id	f7cedc56-7be9-4aab-b0cf-ff9eec88c526
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
Topic name	test_topic
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0017
received	499.5083
sent	499.5167
lost	0.0
relative_loss	0.0
data_received	2097344392.925
latency_min (ms)	2.9317
latency_max (ms)	4.0743
latency_mean (ms)	3.142
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-0.1779
pub_loop_res_max (ms)	0.4696
pub_loop_res_mean (ms)	0.3726
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 (%)	13.507

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud4m
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