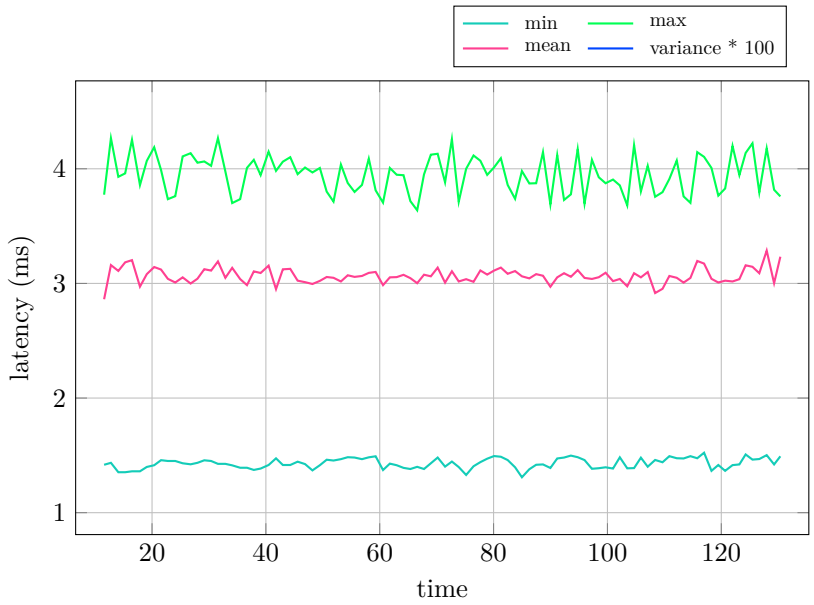
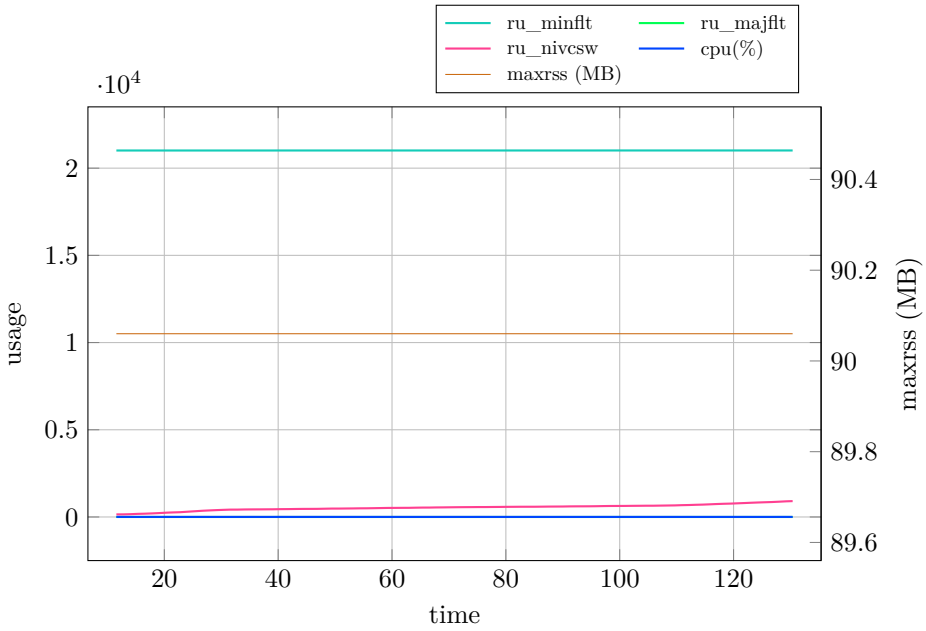
Performance

Logfile name	log_test_topic_12-12-2020_18-48-21
Experiment id	9f959dce-fc1c-4131-adee-615e3cb06da3
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.239
received	95.0515
sent	9.5773
lost	0.0
relative_loss	0.0
data_received	209836896.2371
latency_min (ms)	1.4299
latency_max (ms)	3.9511
latency_mean (ms)	3.0672
latency_variance (ms)	0.0005
pub_loop_res_min (ms)	98.6812
pub_loop_res_max (ms)	99.6729
pub_loop_res_mean (ms)	98.9585
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 (%)	3.7939

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0