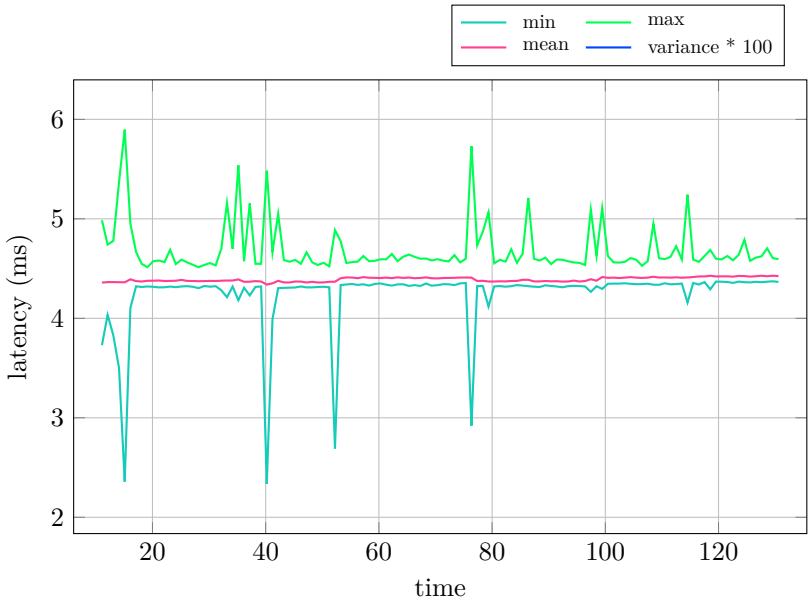
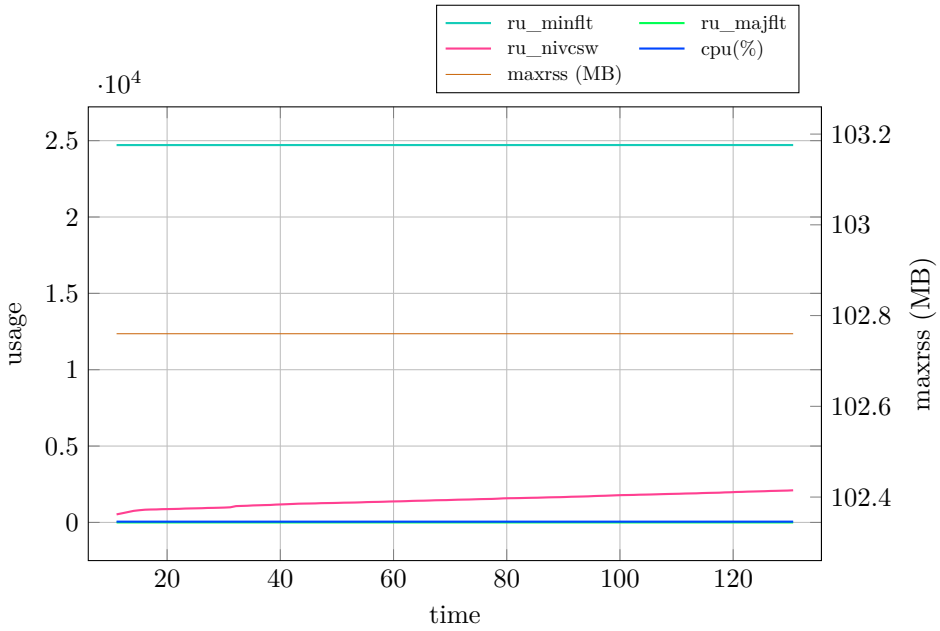
Performance

Logfile name	log_test_topic_01-12-2020_20-49-03
Experiment id	ee2e2a7c-0d19-4b00-891b-8401186a2514
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
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	1.0041
received	2248.8167
sent	449.7583
lost	0.0
relative_loss	0.0
data_received	9443825055.2917
latency_min (ms)	4.2434
latency_max (ms)	4.6914
latency_mean (ms)	4.391
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-38910.5833
pub_loop_res_max (ms)	-38359.9167
pub_loop_res_mean (ms)	-38636.45
pub_loop_res_variance (ms)	25.3242
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 (%)	49.0474

environment

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