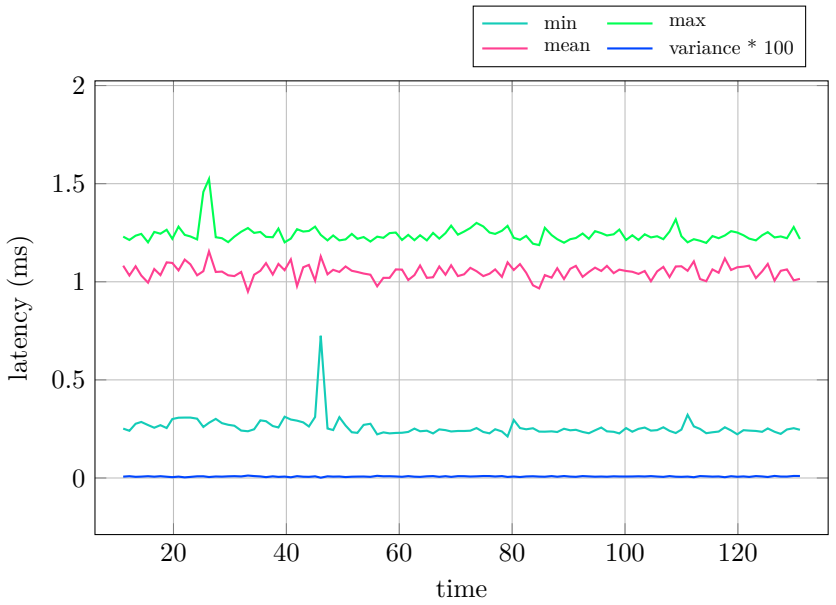
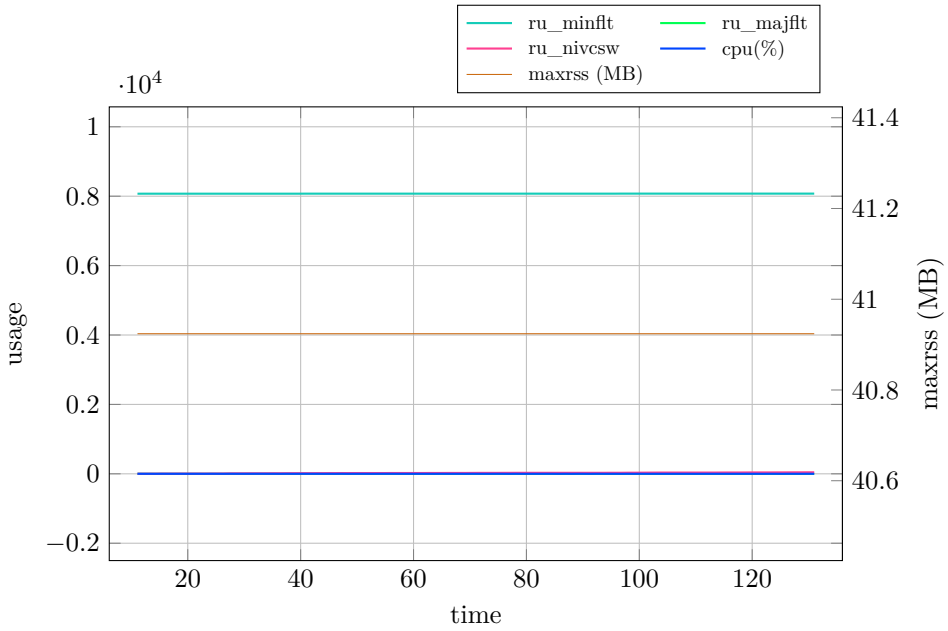
Performance

Logfile name	log_test_topic_28-11-2020_11-34-28
Experiment id	8bc27562-cde4-478c-bf0c-42b5b4c4e8c2
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	1.1007
received	47.5455
sent	9.5
lost	0.0
relative_loss	0.0
data_received	52531466.3909
latency_min (ms)	0.2584
latency_max (ms)	1.2412
latency_mean (ms)	1.0514
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.078
pub_loop_res_max (ms)	99.6977
pub_loop_res_mean (ms)	99.2088
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 (%)	1.0968

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0