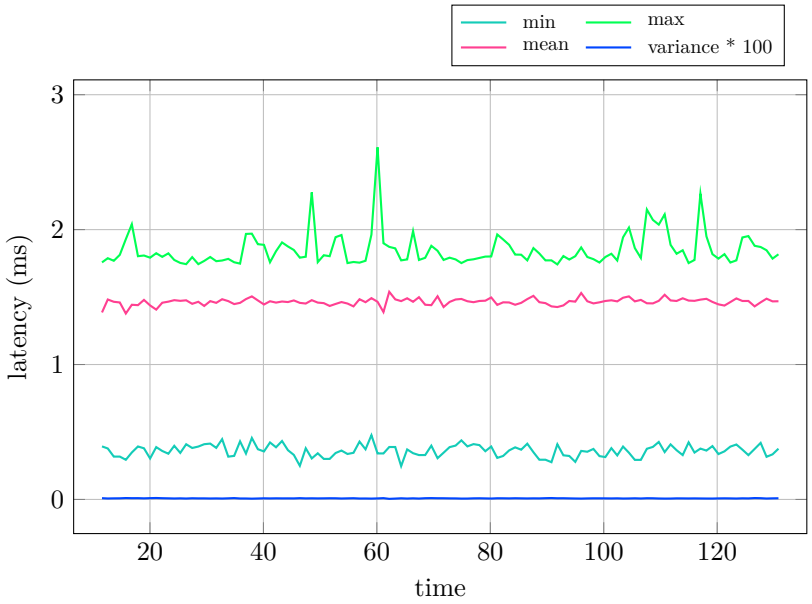
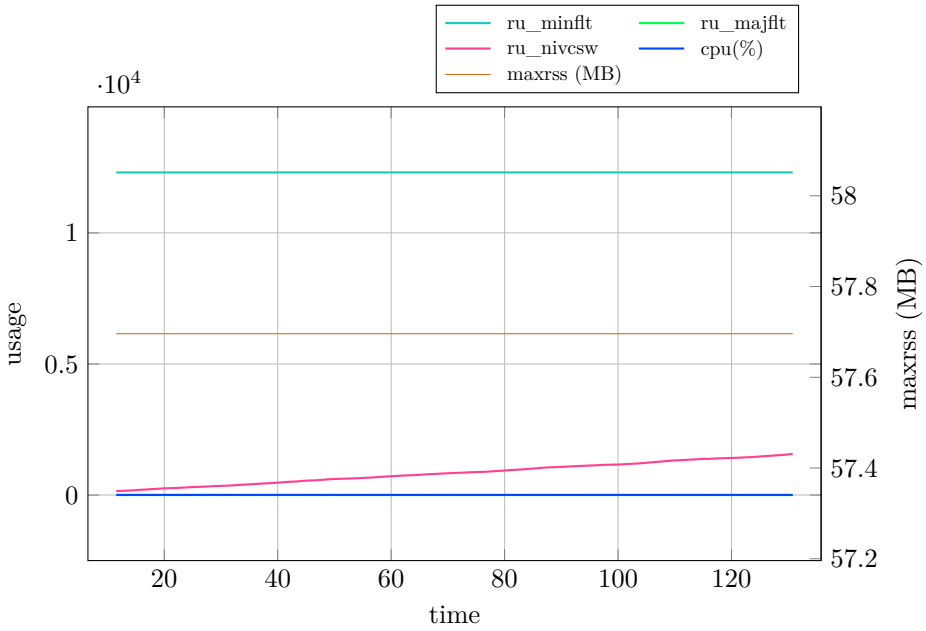
Performance

Logfile name	log_test_topic_29-11-2020_13-20-01
Experiment id	262c55b5-dca4-4539-aecf-f4549b678498
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0549
received	495.1754
sent	49.4912
lost	0.0
relative_loss	0.0
data_received	524539315.0439
latency_min (ms)	0.3612
latency_max (ms)	1.8491
latency_mean (ms)	1.4647
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	18.946
pub_loop_res_max (ms)	19.768
pub_loop_res_mean (ms)	19.1468
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 (%)	5.7482

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