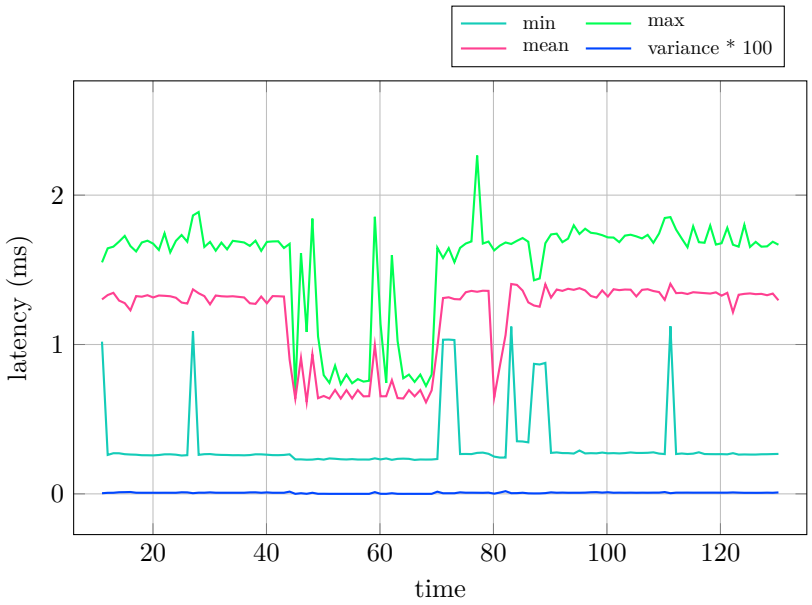
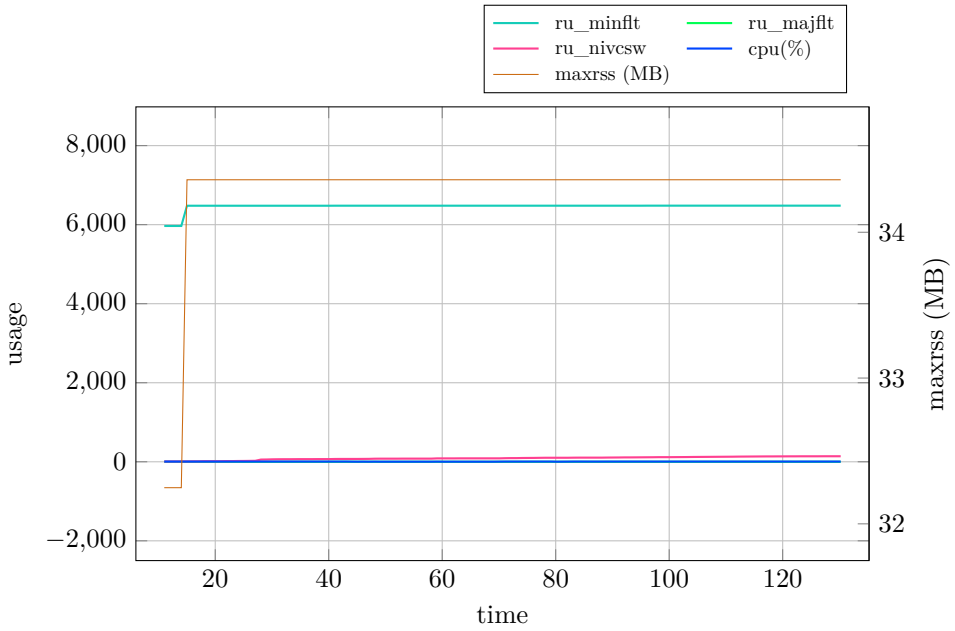
Performance

Logfile name	log_test_topic_29-11-2020_17-10-33
Experiment id	79f5b762-b794-4c65-997b-4cbf0e66c41a
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	1.0015
received	499.5333
sent	499.5333
lost	0.0
relative_loss	0.0
data_received	1048821174.5833
latency_min (ms)	0.3225
latency_max (ms)	1.545
latency_mean (ms)	1.1797
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	1.0427
pub_loop_res_max (ms)	1.7879
pub_loop_res_mean (ms)	1.3108
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 (%)	5.2988

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
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