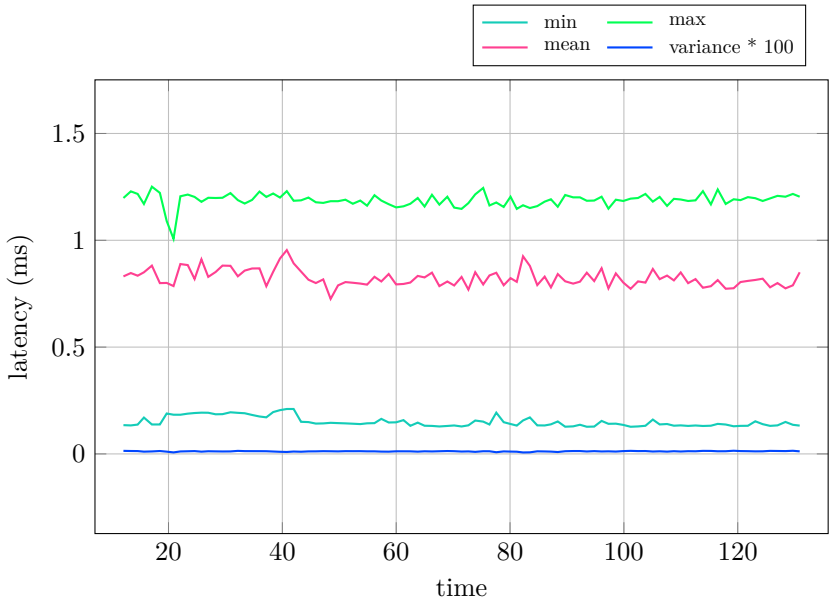
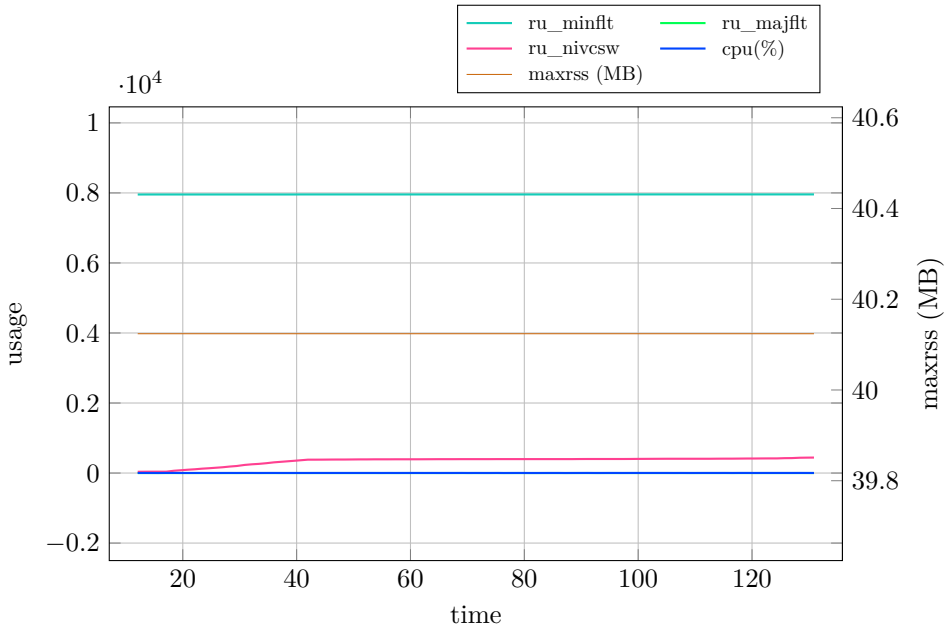
Performance

Logfile name	log_test_topic_30-11-2020_22-08-04
Experiment id	58a38d9d-bd01-48ad-8e47-3982f1230bc2
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	1.2641
received	94.8632
sent	9.4947
lost	0.0
relative_loss	0.0
data_received	52501280.3368
latency_min (ms)	0.1505
latency_max (ms)	1.1877
latency_mean (ms)	0.8237
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.1864
pub_loop_res_max (ms)	99.8334
pub_loop_res_mean (ms)	99.3854
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 (%)	2.3384

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud512k
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