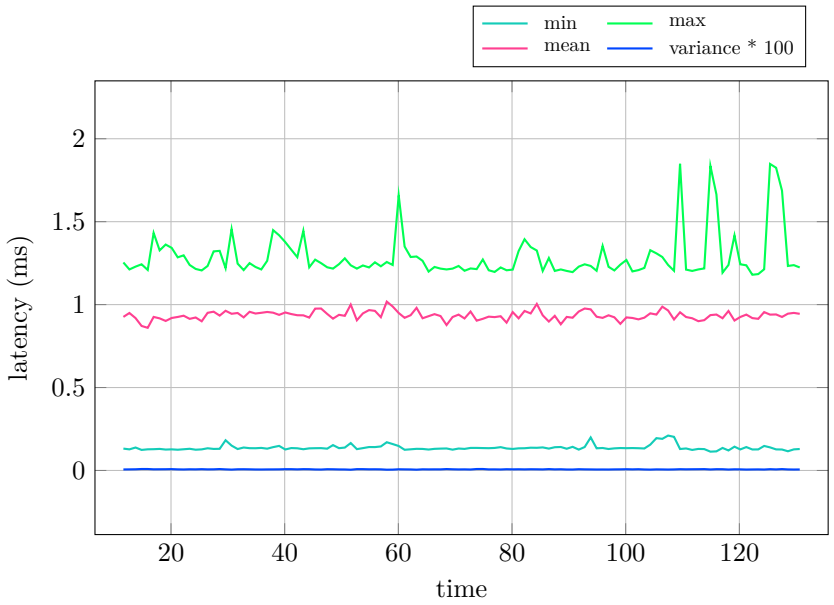
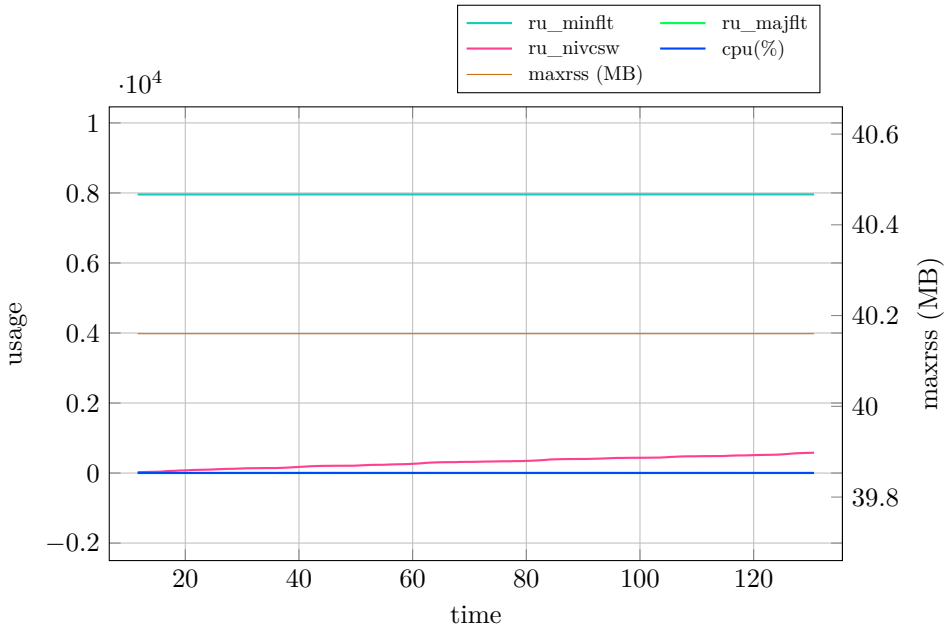
Performance

Logfile name	log_test_topic_29-11-2020_13-17-44
Experiment id	3b3eef98-1d41-4fd0-85fa-772e41e1bac6
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	1.053
received	494.8421
sent	49.4912
lost	0.0
relative_loss	0.0
data_received	262386854.0088
latency_min (ms)	0.1371
latency_max (ms)	1.2884
latency_mean (ms)	0.9347
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	19.0678
pub_loop_res_max (ms)	19.8336
pub_loop_res_mean (ms)	19.2549
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 (%)	3.8345

environment

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