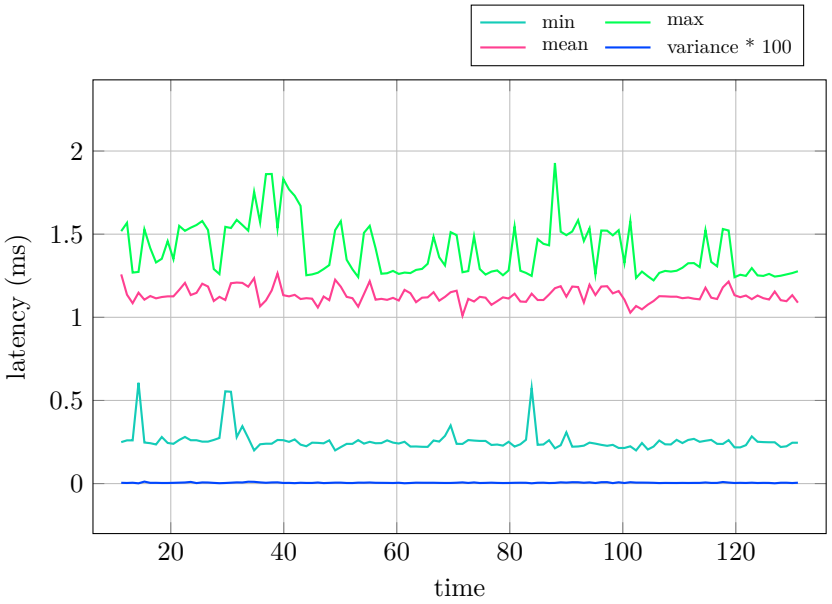
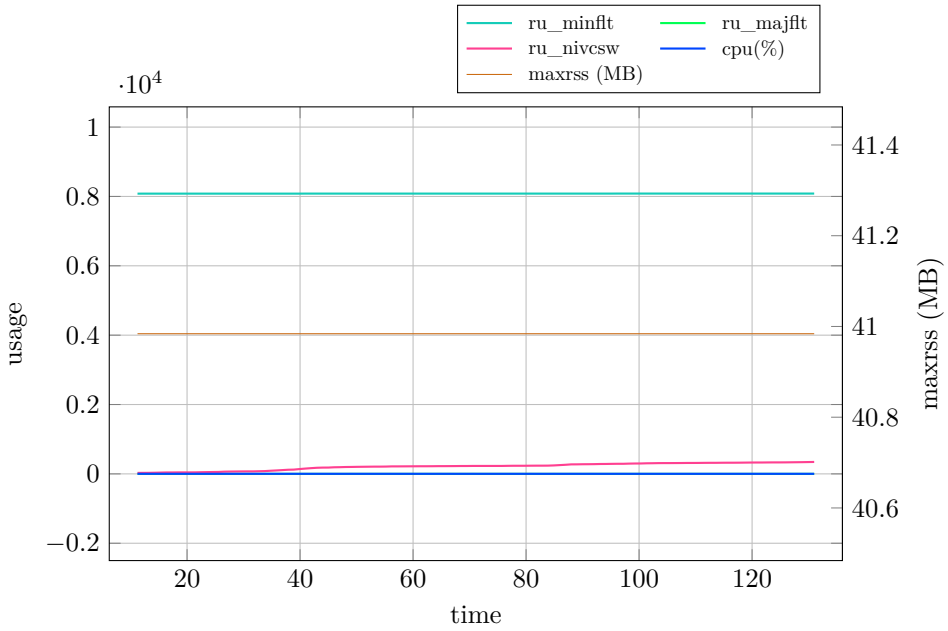
Performance

Logfile name	log_test_topic_29-11-2020_11-08-29
Experiment id	bd2c4a55-c210-4d20-b470-59c1417631cb
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0234
received	247.4915
sent	49.4576
lost	0.0
relative_loss	0.0
data_received	262275459.9831
latency_min (ms)	0.2571
latency_max (ms)	1.4066
latency_mean (ms)	1.1316
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	19.0116
pub_loop_res_max (ms)	19.7591
pub_loop_res_mean (ms)	19.1567
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 (%)	2.1063

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