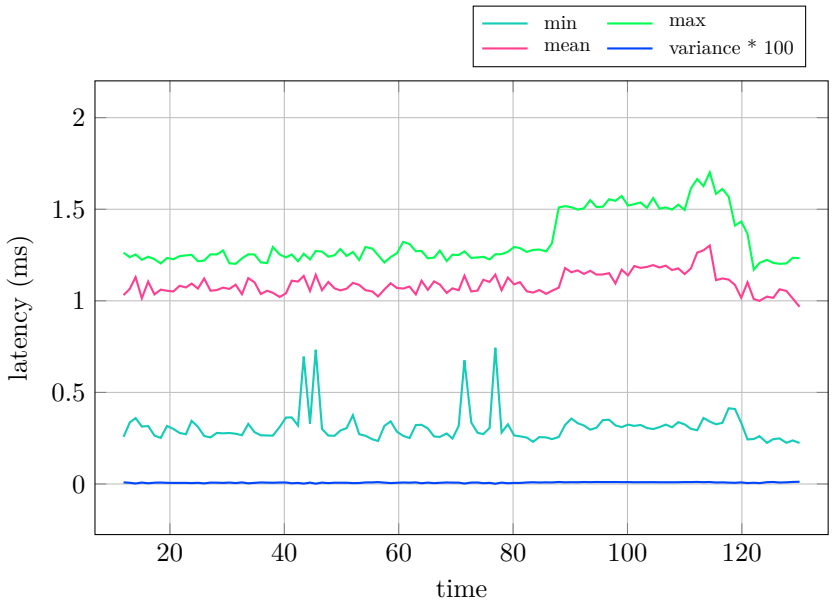
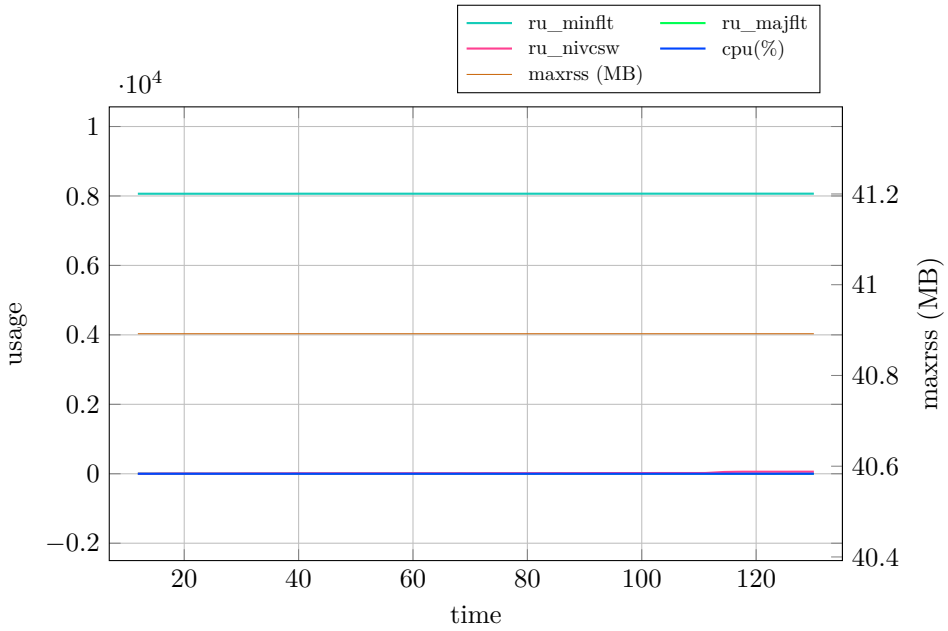
Performance

Logfile name	log_test_topic_30-11-2020_20-41-32
Experiment id	a161cd7c-1f8a-41cb-bd4a-41f804ee20bd
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0943
received	47.6055
sent	9.4862
lost	0.0
relative_loss	0.0
data_received	52504986.8073
latency_min (ms)	0.3106
latency_max (ms)	1.3285
latency_mean (ms)	1.0939
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.0543
pub_loop_res_max (ms)	99.6996
pub_loop_res_mean (ms)	99.2211
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 (%)	1.0698

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud1m
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