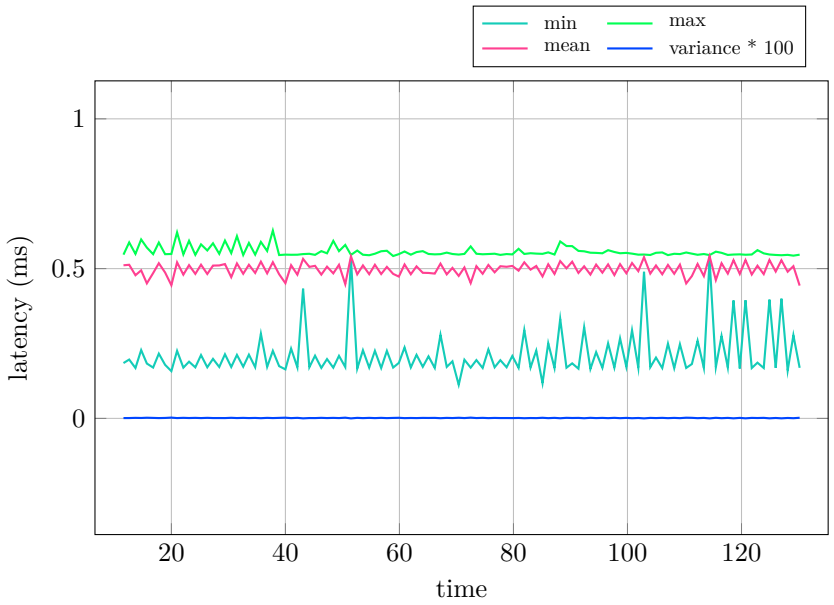
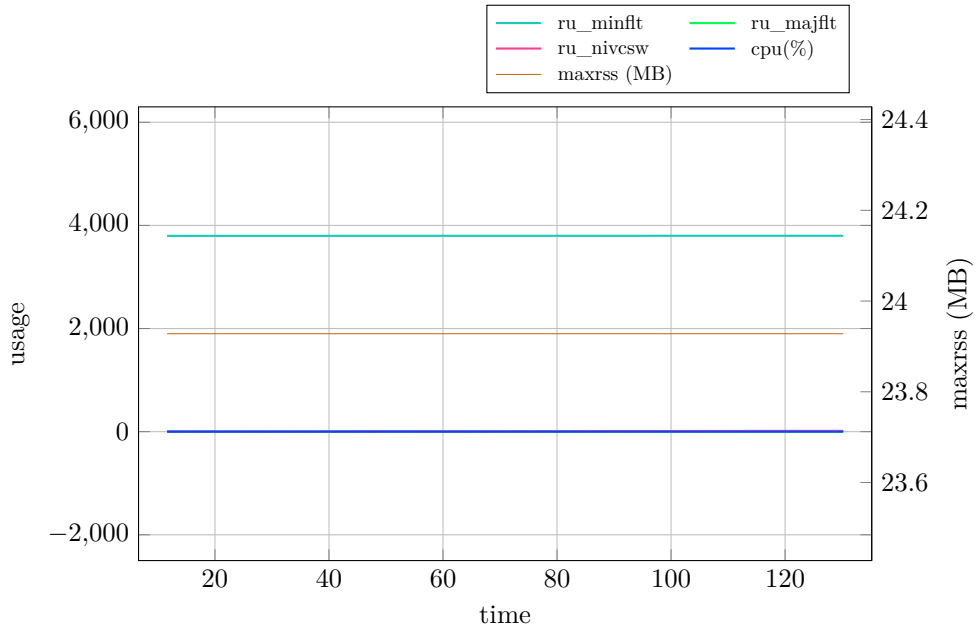
Performance

Logfile name	log_test_topic_12-12-2020_10-41-40
Experiment id	f1f66a83-5c0e-4e02-9f9f-faa7abfcabfa
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0498
received	9.5
sent	9.4912
lost	0.0
relative_loss	0.0
data_received	5273941.4298
latency_min (ms)	0.213
latency_max (ms)	0.5568
latency_mean (ms)	0.4968
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.279
pub_loop_res_max (ms)	99.6615
pub_loop_res_mean (ms)	99.3569
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 (%)	0.4286

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