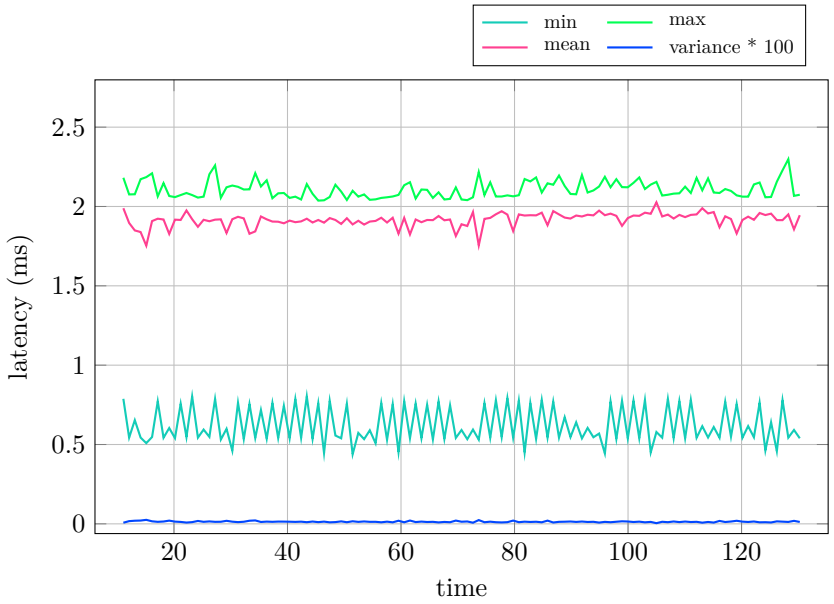
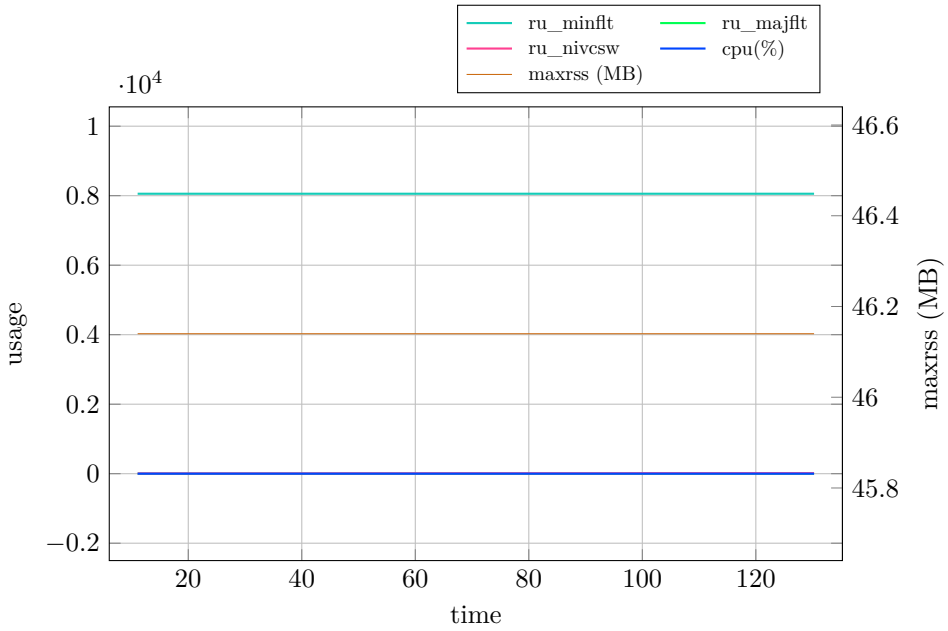
Performance

Logfile name	log_test_topic_01-12-2020_08-17-52
Experiment id	207273da-ce28-48d2-abc2-3062dbeb2dbd
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0097
received	49.4958
sent	49.4958
lost	0.0
relative_loss	0.0
data_received	104894564.6555
latency_min (ms)	0.6205
latency_max (ms)	2.1068
latency_mean (ms)	1.9161
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	18.8295
pub_loop_res_max (ms)	19.699
pub_loop_res_mean (ms)	18.9927
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 (%)	0.9321

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0