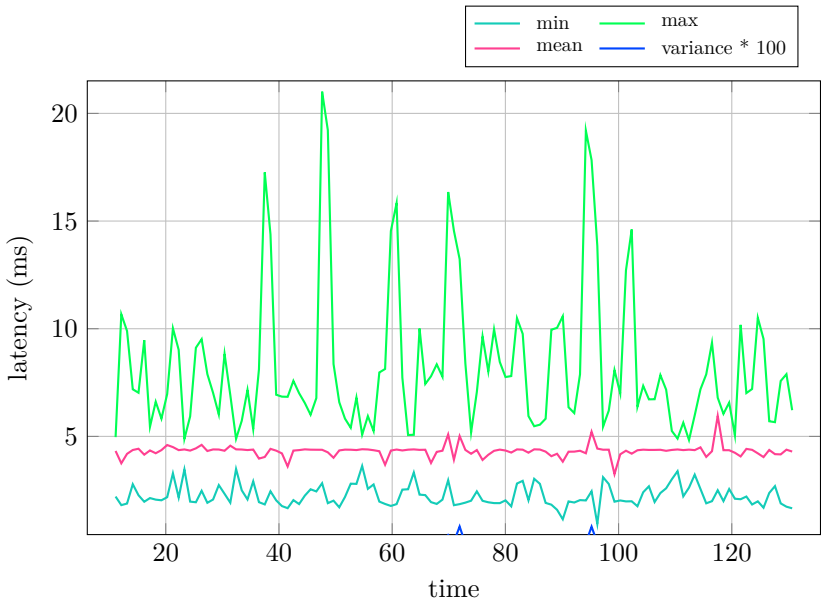
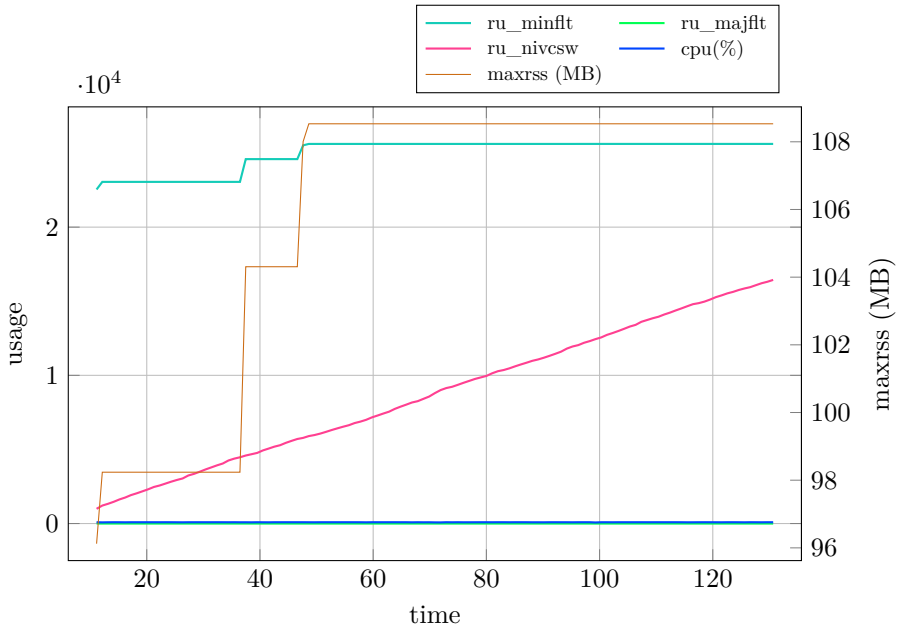
Performance

Logfile name	log_test_topic_30-11-2020_10-37-22
Experiment id	ced911dc-664e-4fb1-9a66-9a9c25ac6cd3
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
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	1.0114
received	4442.2017
sent	444.1849
lost	0.0
relative_loss	0.0
data_received	9328463328.2353
latency_min (ms)	2.2408
latency_max (ms)	8.2536
latency_mean (ms)	4.3192
latency_variance (ms)	0.0005
pub_loop_res_min (ms)	-39406.8487
pub_loop_res_max (ms)	-38845.479
pub_loop_res_mean (ms)	-39126.2269
pub_loop_res_variance (ms)	26.2928
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 (%)	86.7178

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
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