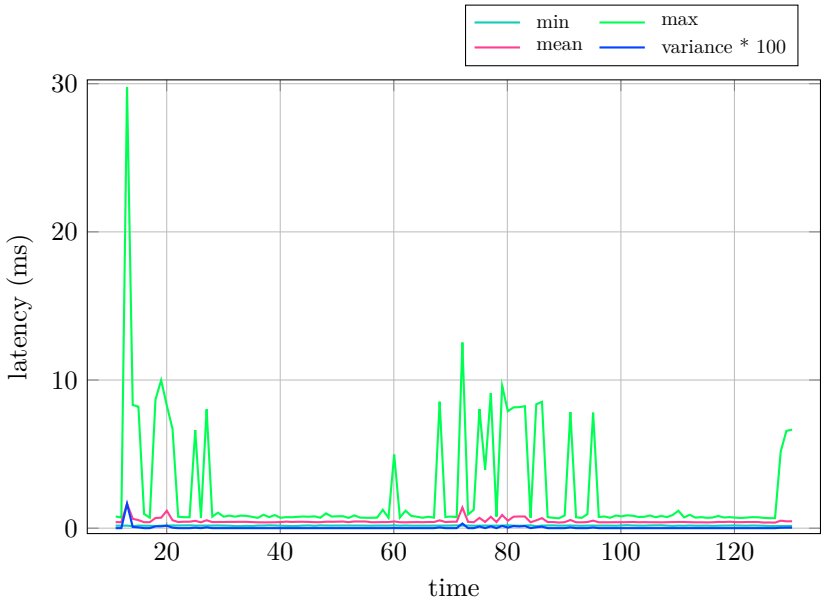
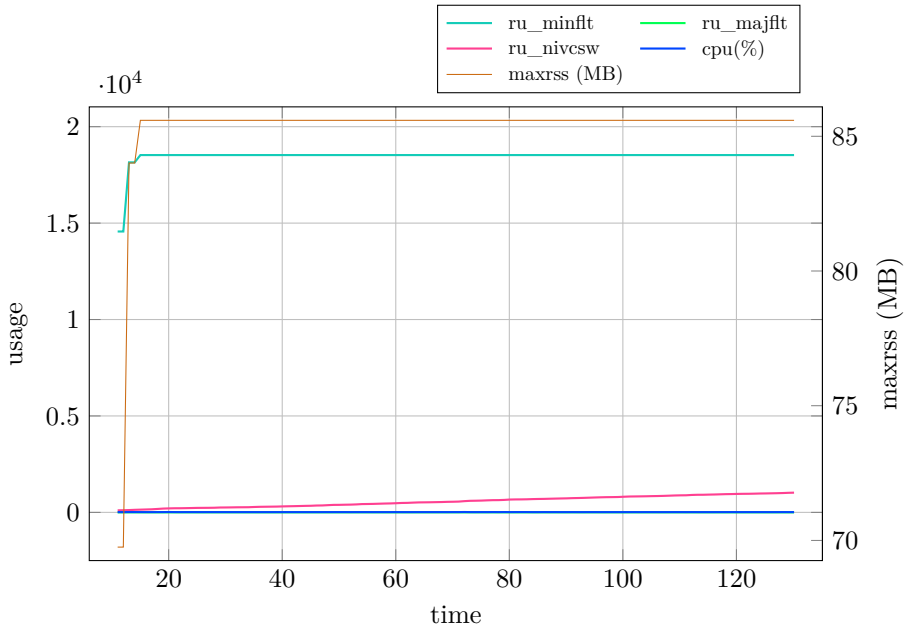
Performance

Logfile name	log_test_topic_30-11-2020_11-36-03
Experiment id	95459879-07d5-4f89-9c36-8f6f29e27881
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	1.0011
received	9995.35
sent	999.55
lost	0.0
relative_loss	0.0
data_received	5247520532.85
latency_min (ms)	0.1698
latency_max (ms)	2.5683
latency_mean (ms)	0.4738
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	-0.9089
pub_loop_res_max (ms)	0.9051
pub_loop_res_mean (ms)	0.7178
pub_loop_res_variance (ms)	0.0003
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 (%)	13.6377

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud512k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0