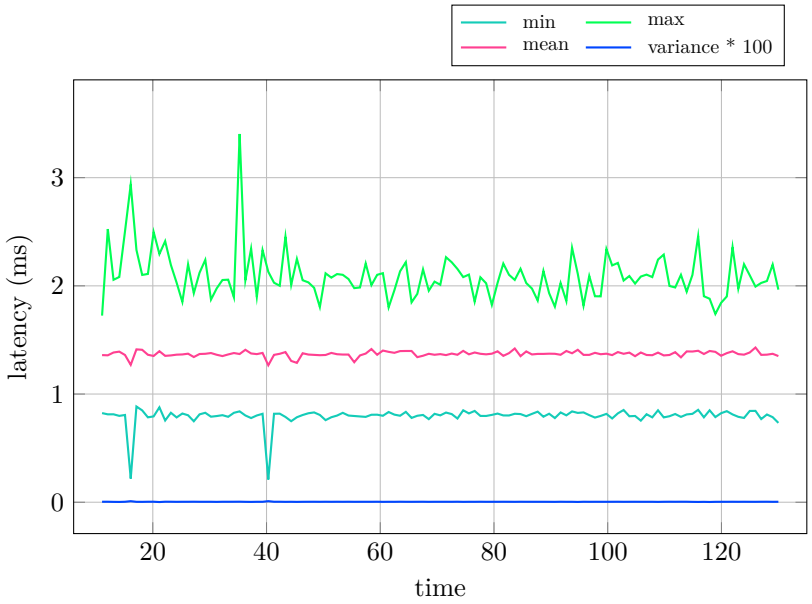
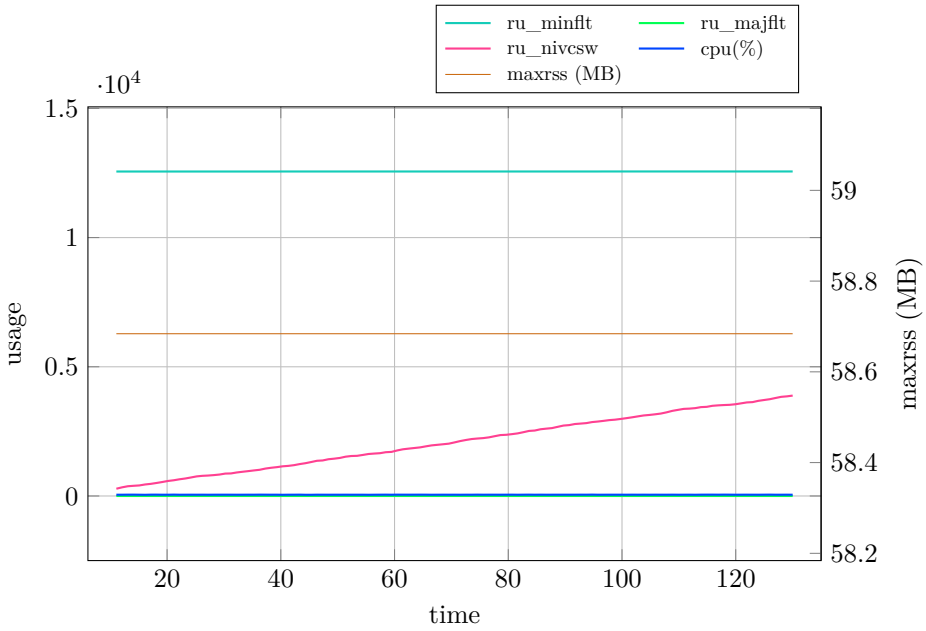
Performance

Logfile name	log_test_topic_01-12-2020_17-24-31
Experiment id	323e647a-5e5e-43f8-91c6-d5bbf123ae41
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0075
received	4995.0252
sent	499.4958
lost	0.0084
relative_loss	0.0
data_received	5245132635.9832
latency_min (ms)	0.7971
latency_max (ms)	2.0929
latency_mean (ms)	1.3706
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.0708
pub_loop_res_max (ms)	1.539
pub_loop_res_mean (ms)	1.4332
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 (%)	49.5592

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