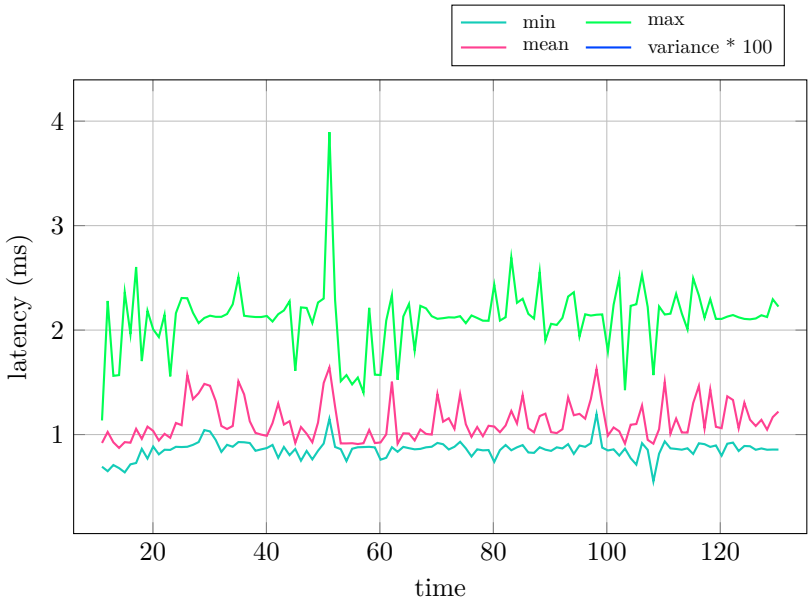
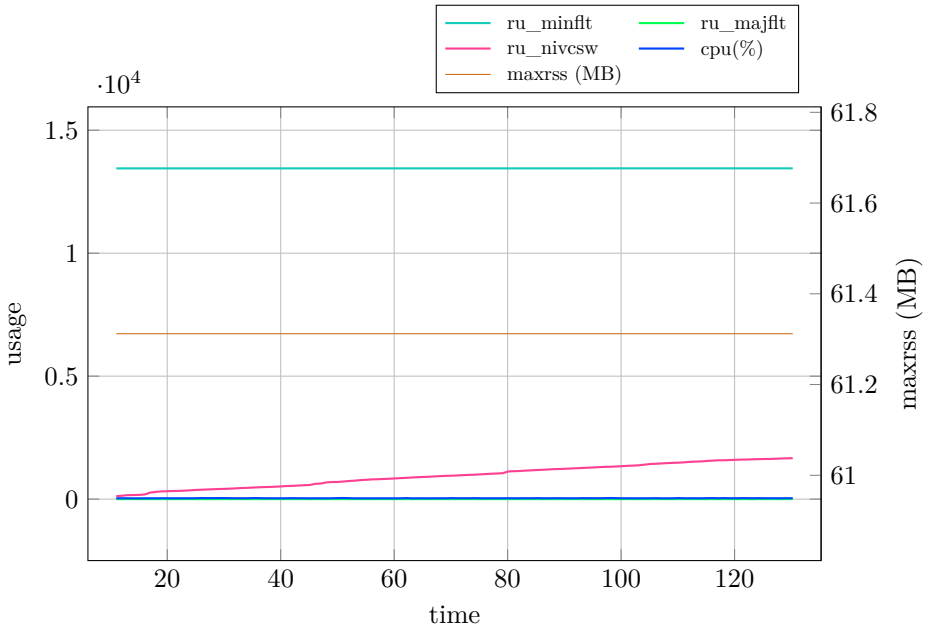
Performance

Logfile name	log_test_topic_01-12-2020_20-46-46
Experiment id	11383cb4-8cb6-4dc2-89be-4065618409ac
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0018
received	4997.5
sent	999.5333
lost	0.025
relative_loss	0.0
data_received	10487922479.3417
latency_min (ms)	0.8566
latency_max (ms)	2.1094
latency_mean (ms)	1.1241
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-0.7633
pub_loop_res_max (ms)	0.7144
pub_loop_res_mean (ms)	0.4843
pub_loop_res_variance (ms)	0.0002
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 (%)	36.1398

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0