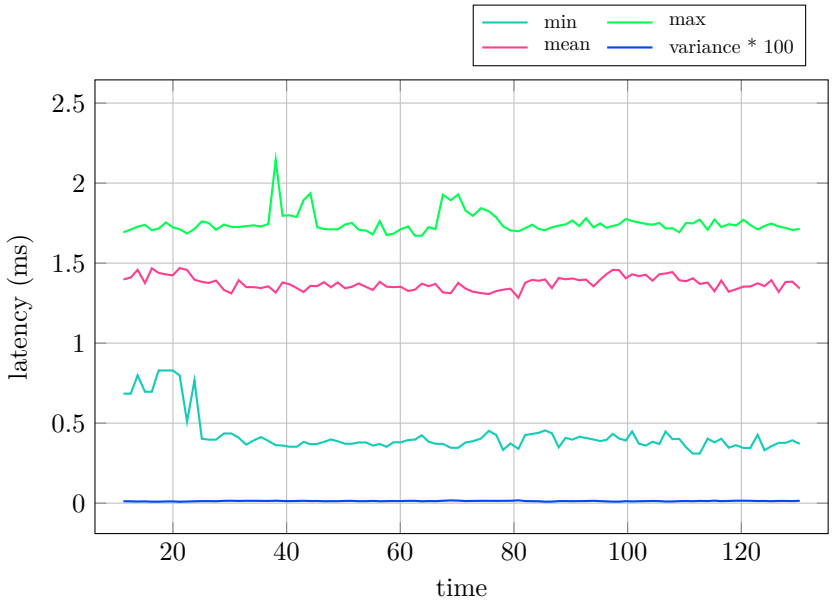
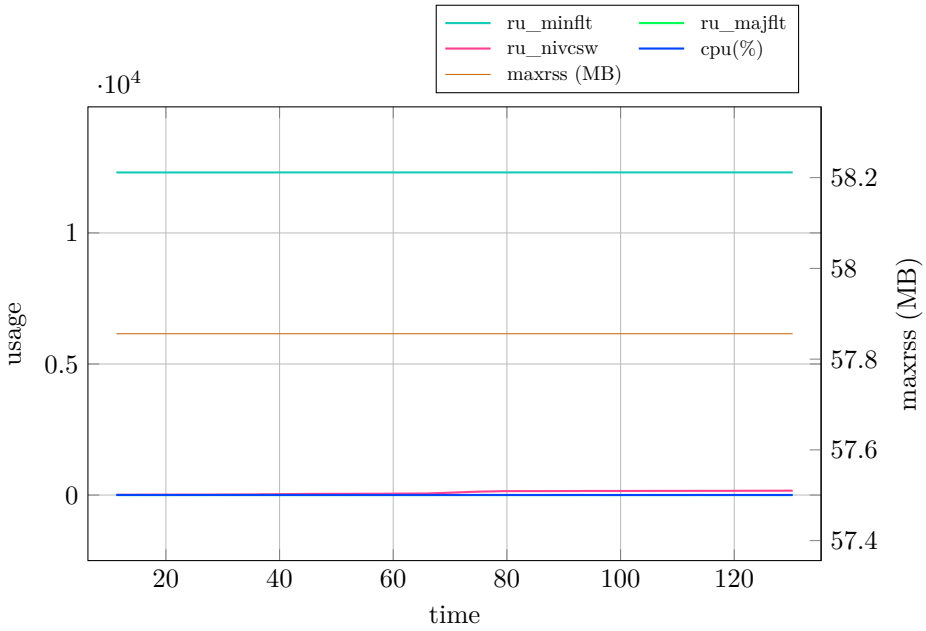
Performance

Logfile name	log_test_topic_12-12-2020_18-46-04
Experiment id	4039c378-6263-48d4-ba30-5974820e74fe
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.24
received	95.0619
sent	9.4845
lost	0.0
relative_loss	0.0
data_received	104962770.7423
latency_min (ms)	0.4255
latency_max (ms)	1.7477
latency_mean (ms)	1.3744
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.0655
pub_loop_res_max (ms)	99.773
pub_loop_res_mean (ms)	99.2694
pub_loop_res_variance (ms)	0.0001
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 (%)	2.5923

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