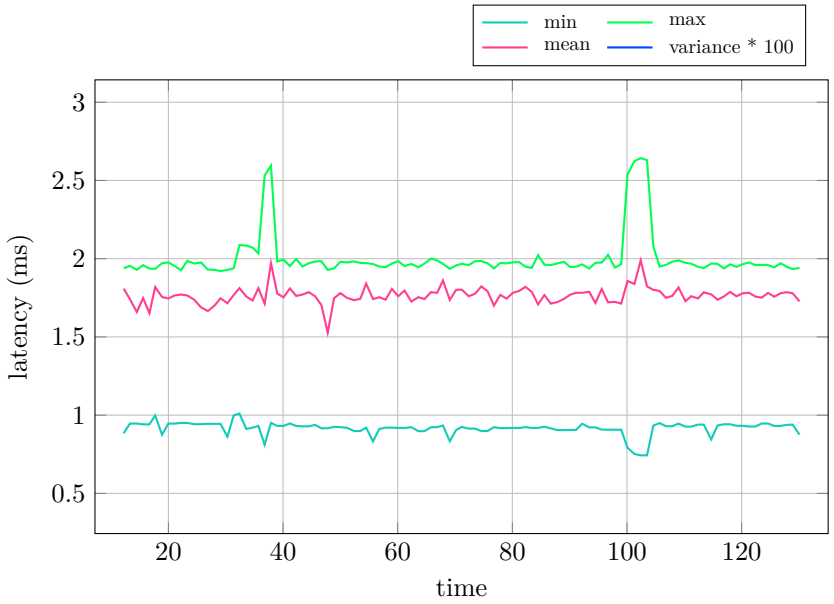
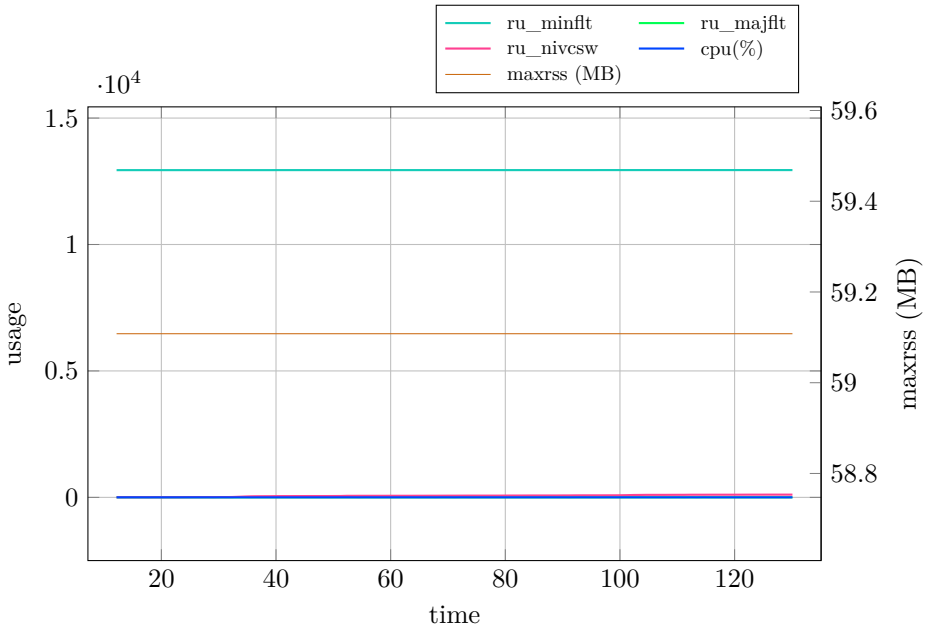
Performance

Logfile name	log_test_topic_28-11-2020_11-36-46
Experiment id	f0254275-c7db-4f67-987e-5eab7515fd32
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.1129
received	47.5421
sent	9.4579
lost	0.0
relative_loss	0.0
data_received	105042668.757
latency_min (ms)	0.9166
latency_max (ms)	2.0024
latency_mean (ms)	1.7648
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	98.8174
pub_loop_res_max (ms)	99.6387
pub_loop_res_mean (ms)	98.9864
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 (%)	1.3995

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