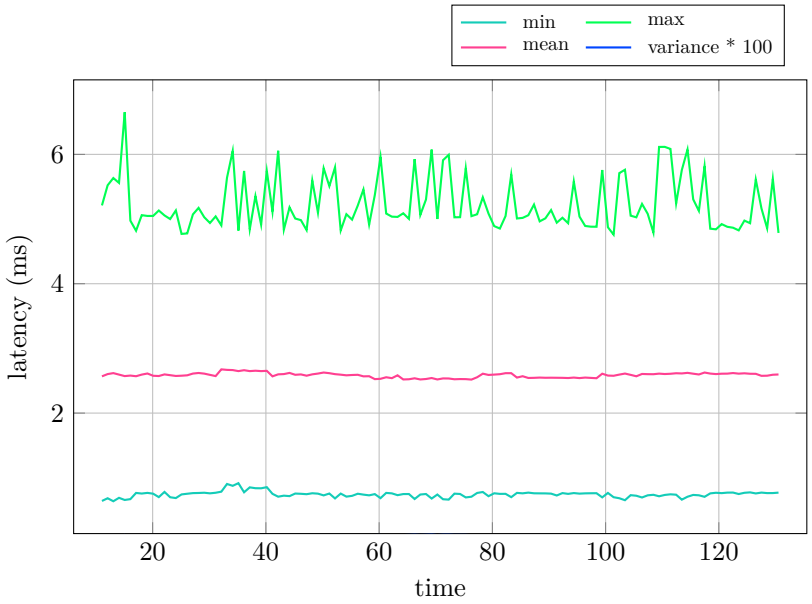
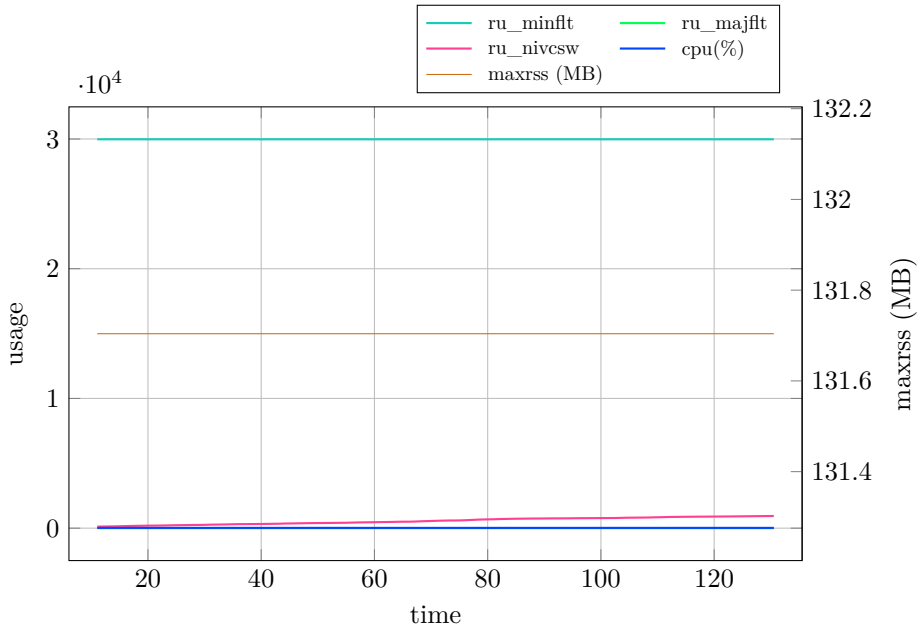
Performance

Logfile name	log_test_topic_01-12-2020_18-10-16
Experiment id	bc9c63cc-b5f2-4fd8-bec6-36ed958d04e0
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	1.004
received	3250.7917
sent	499.5333
lost	1740.575
relative_loss	3.4857
data_received	6830705440.2583
latency_min (ms)	0.7433
latency_max (ms)	5.2338
latency_mean (ms)	2.5857
latency_variance (ms)	0.001
pub_loop_res_min (ms)	-1.3849
pub_loop_res_max (ms)	1.7788
pub_loop_res_mean (ms)	0.405
pub_loop_res_variance (ms)	0.0006
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 (%)	20.7884

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0