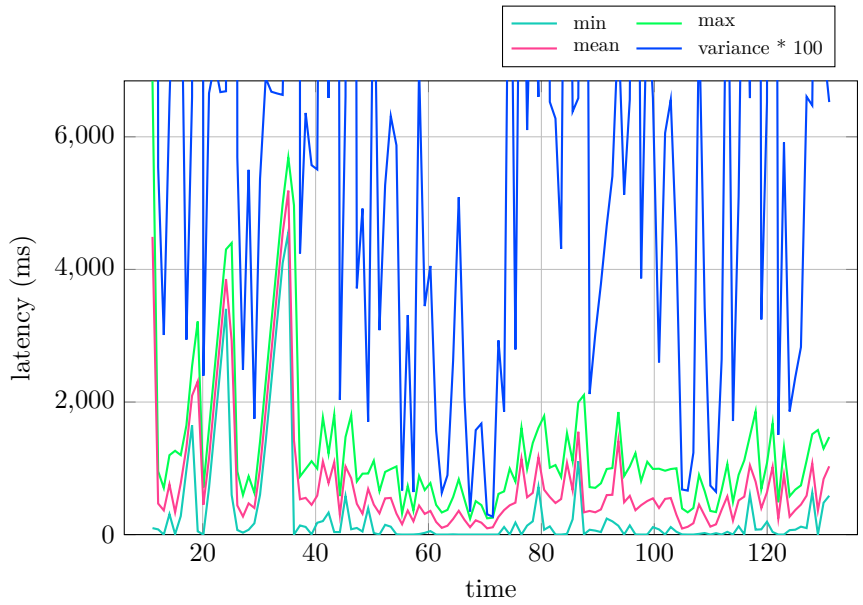
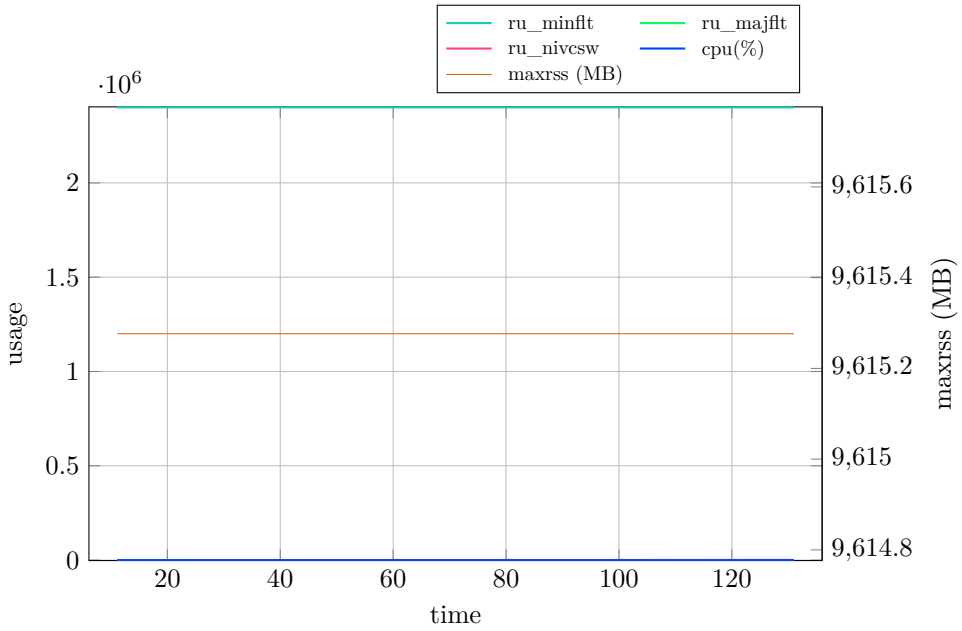
Performance

Logfile name	log_test_topic_30-11-2020_08-37-24
Experiment id	89193d52-f16c-48dd-b9c1-08626b830dfe
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	1.0074
received	3154.1
sent	628.1417
lost	0.0
relative_loss	0.0
data_received	6621777585.6
latency_min (ms)	324.9174
latency_max (ms)	1301.3092
latency_mean (ms)	801.7632
latency_variance (ms)	129.9401
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	-25823.3417
pub_loop_res_variance (ms)	38.4536
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 (%)	19.0928

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0