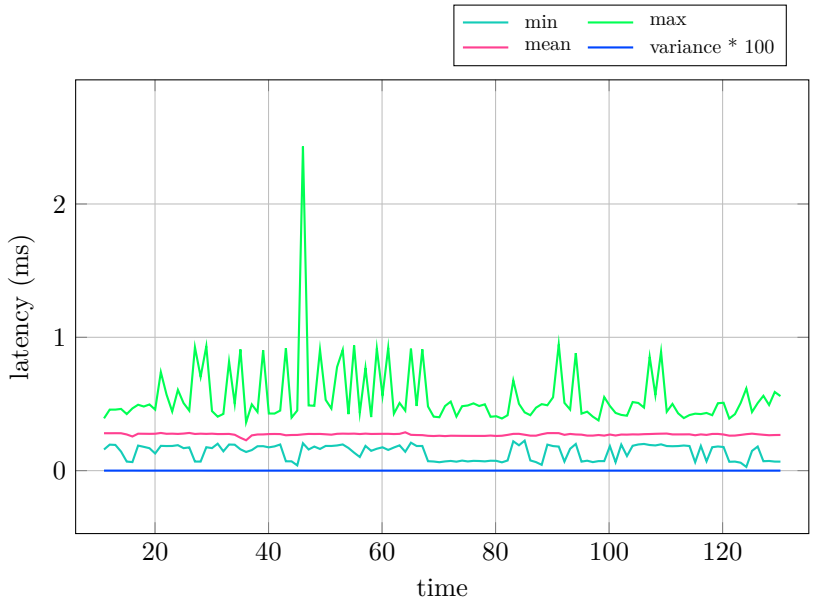
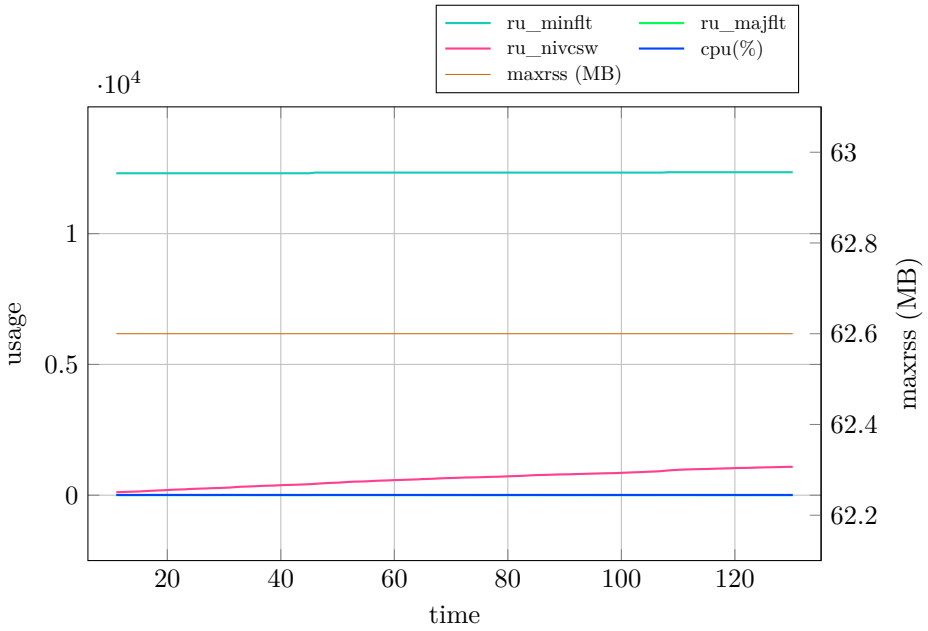
Performance

Logfile name	log_test_topic_30-11-2020_08-15-15
Experiment id	0d23a099-fe39-4e43-a265-6651e117b119
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	1.0012
received	4997.5167
sent	999.4917
lost	0.0
relative_loss	0.0
data_received	307279931.7417
latency_min (ms)	0.1389
latency_max (ms)	0.5555
latency_mean (ms)	0.2708
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7887
pub_loop_res_max (ms)	0.9064
pub_loop_res_mean (ms)	0.8358
pub_loop_res_variance (ms)	0.0
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 (%)	9.2225

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array60k
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