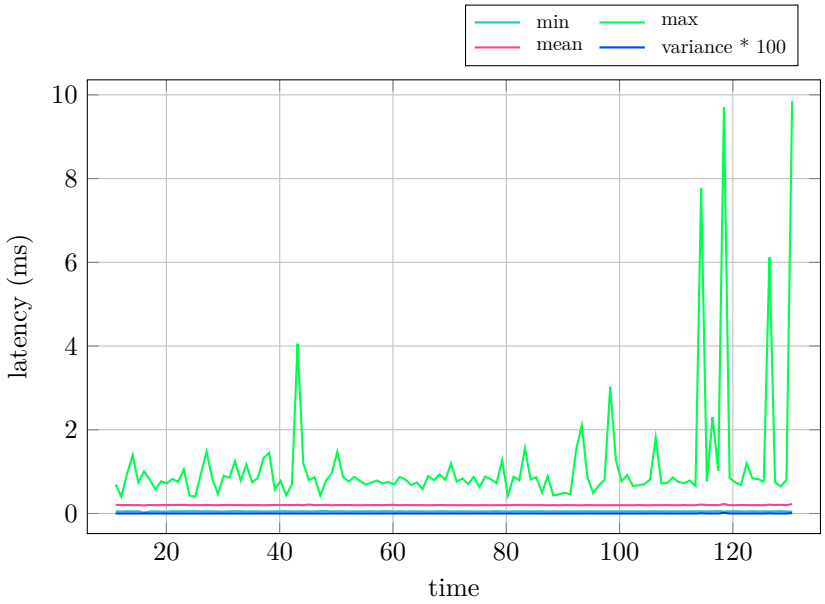
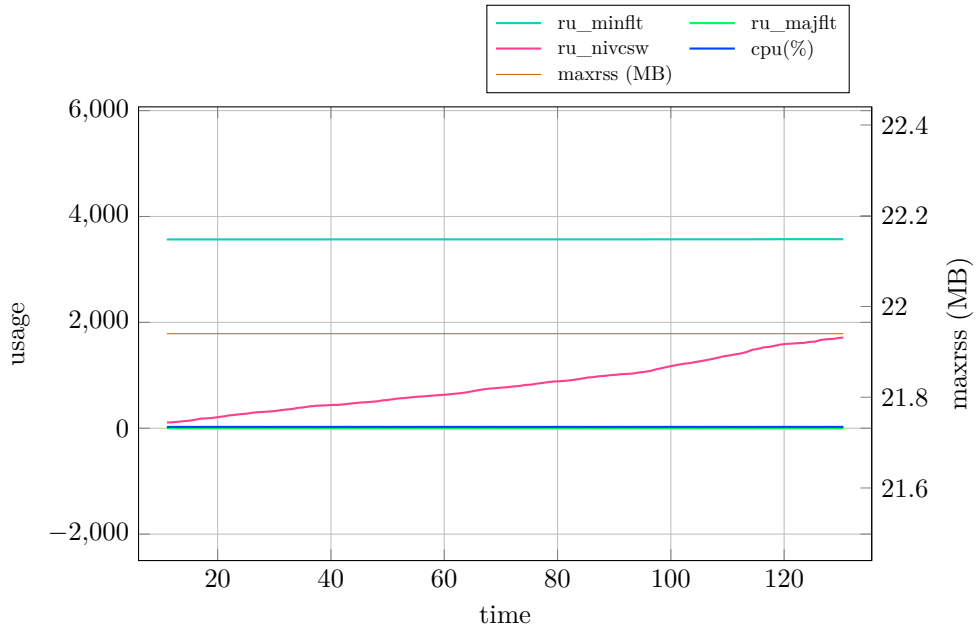
Performance

Logfile name	log_test_topic_30-11-2020_10-41-56
Experiment id	96a64e12-24c0-47f4-9277-faa9174bf867
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0032
received	9994.9917
sent	999.4667
lost	0.0
relative_loss	0.0
data_received	799995.6
latency_min (ms)	0.051
latency_max (ms)	1.1467
latency_mean (ms)	0.2006
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5021
pub_loop_res_max (ms)	0.8623
pub_loop_res_mean (ms)	0.7792
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 (%)	25.0098

environment

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