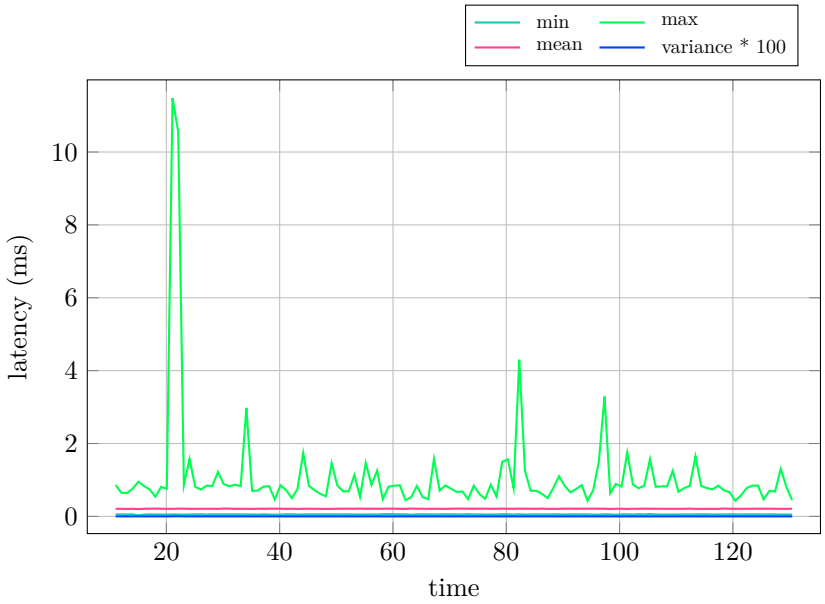
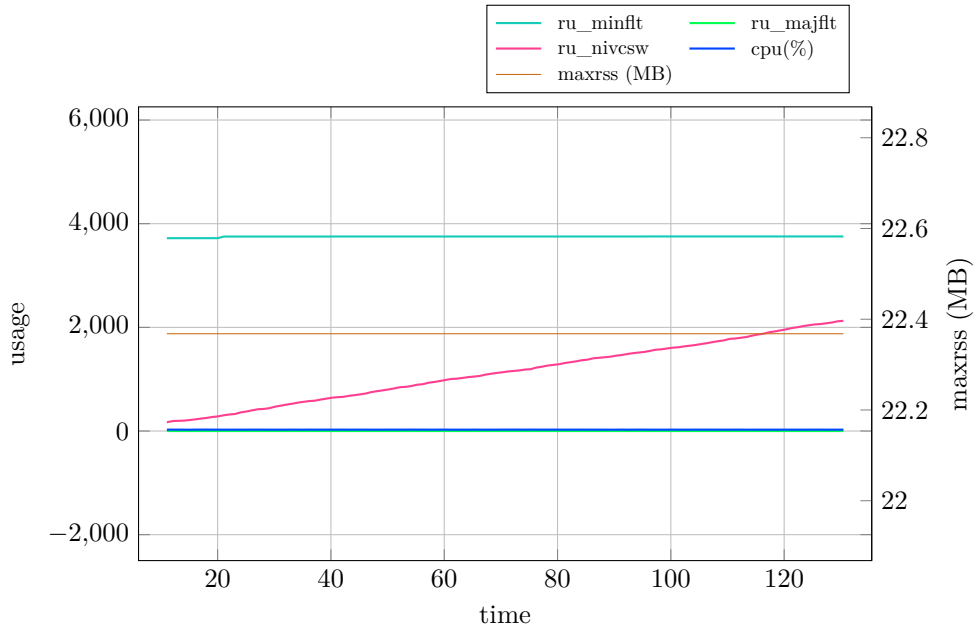
Performance

Logfile name	log_test_topic_30-11-2020_10-12-13
Experiment id	669a4c89-a9d1-40ca-a726-99e79ce83584
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	9994.8917
sent	999.4417
lost	0.0
relative_loss	0.0
data_received	164000018.1167
latency_min (ms)	0.0541
latency_max (ms)	1.0712
latency_mean (ms)	0.2091
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6261
pub_loop_res_max (ms)	0.8541
pub_loop_res_mean (ms)	0.781
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 (%)	26.4982

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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