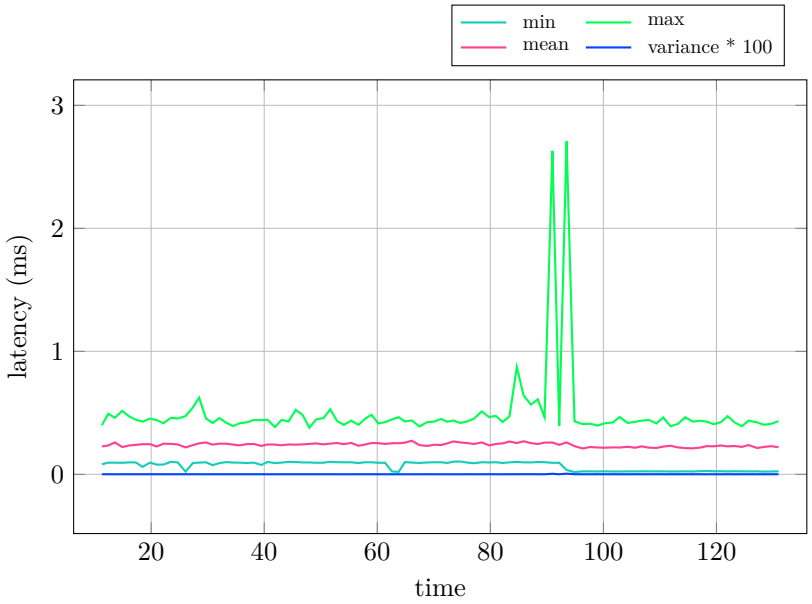
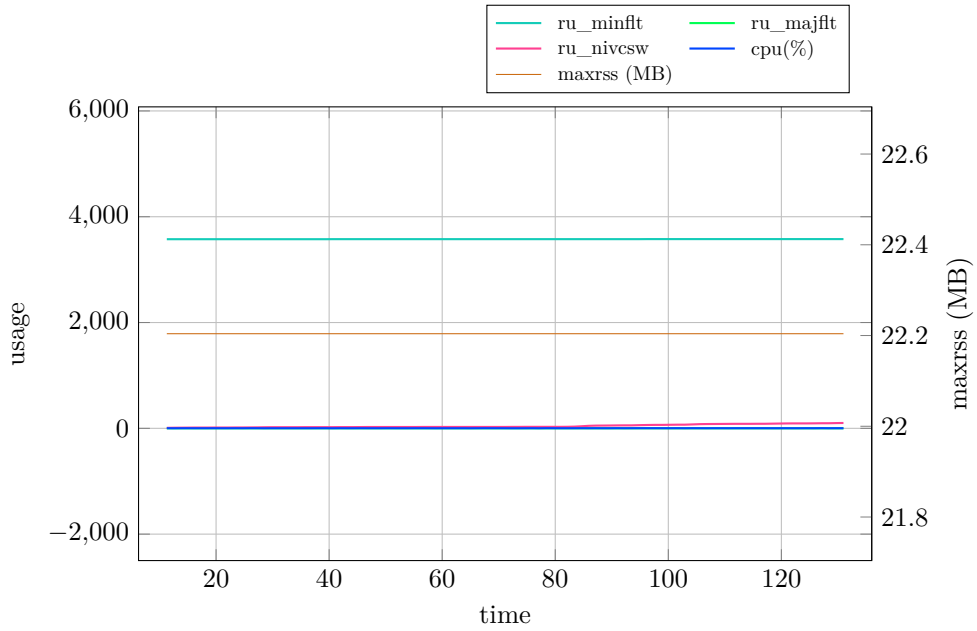
Performance

Logfile name	log_test_topic_12-12-2020_18-18-25
Experiment id	183878a0-c436-4f67-85c9-a8a8f40ebb09
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.2473
received	94.9072
sent	9.4536
lost	0.0
relative_loss	0.0
data_received	104091.2887
latency_min (ms)	0.0707
latency_max (ms)	0.496
latency_mean (ms)	0.2395
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.3846
pub_loop_res_max (ms)	99.9056
pub_loop_res_mean (ms)	99.5648
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 (%)	1.9065

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0