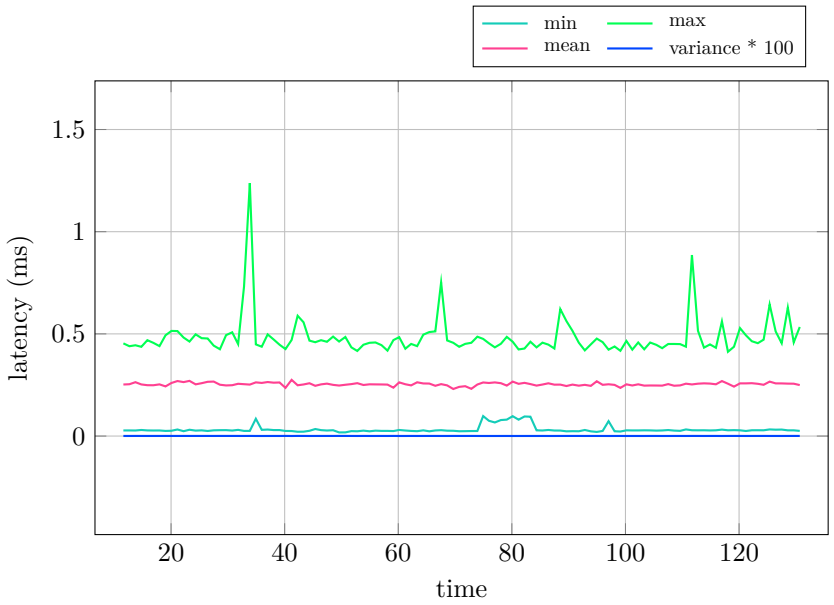
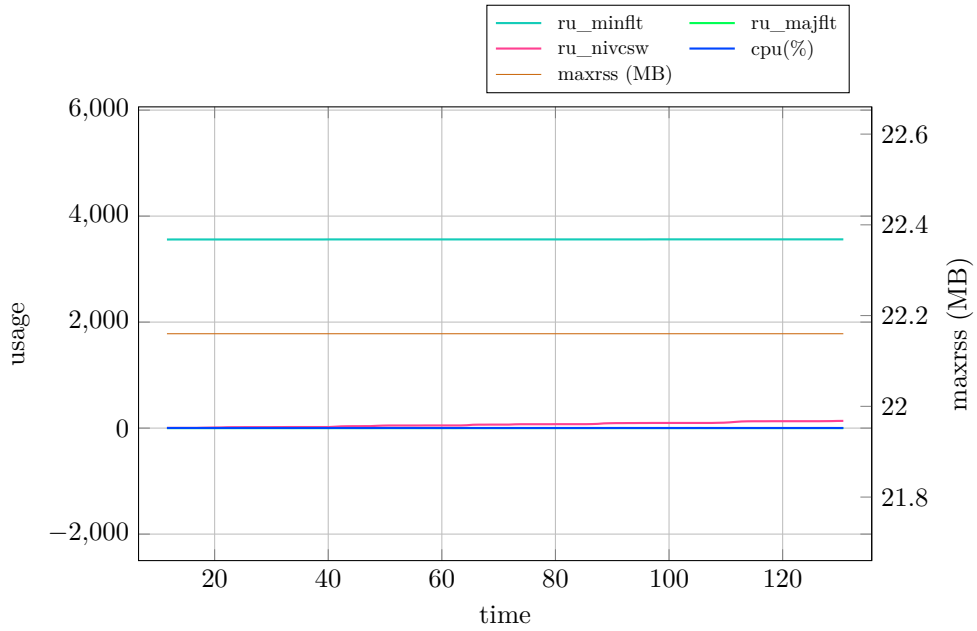
Performance

Logfile name	log_test_topic_29-11-2020_13-26-53
Experiment id	db3384bc-bce2-4a15-a2ff-3ea0e64195eb
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0537
received	494.9123
sent	49.5
lost	0.0
relative_loss	0.0
data_received	39997.5614
latency_min (ms)	0.0323
latency_max (ms)	0.4833
latency_mean (ms)	0.2536
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.278
pub_loop_res_max (ms)	19.8823
pub_loop_res_mean (ms)	19.4466
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 (%)	1.8712

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