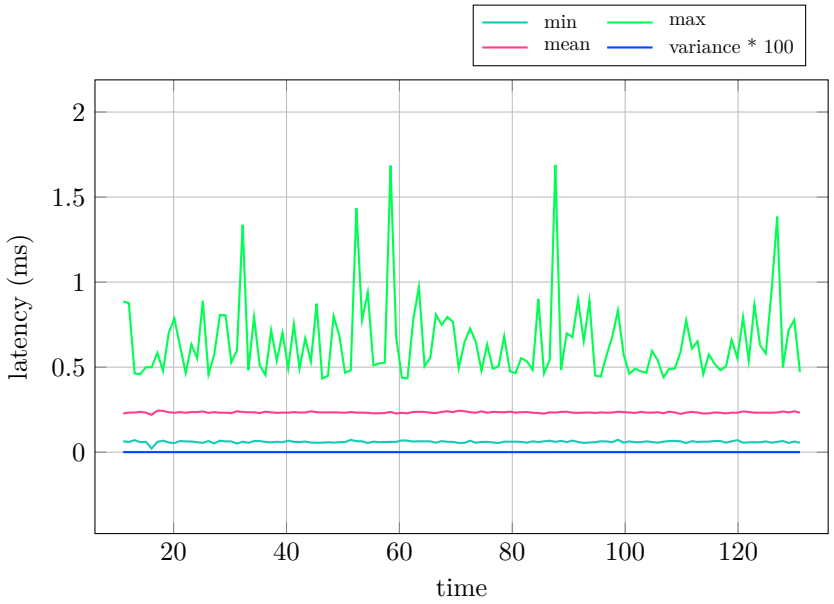
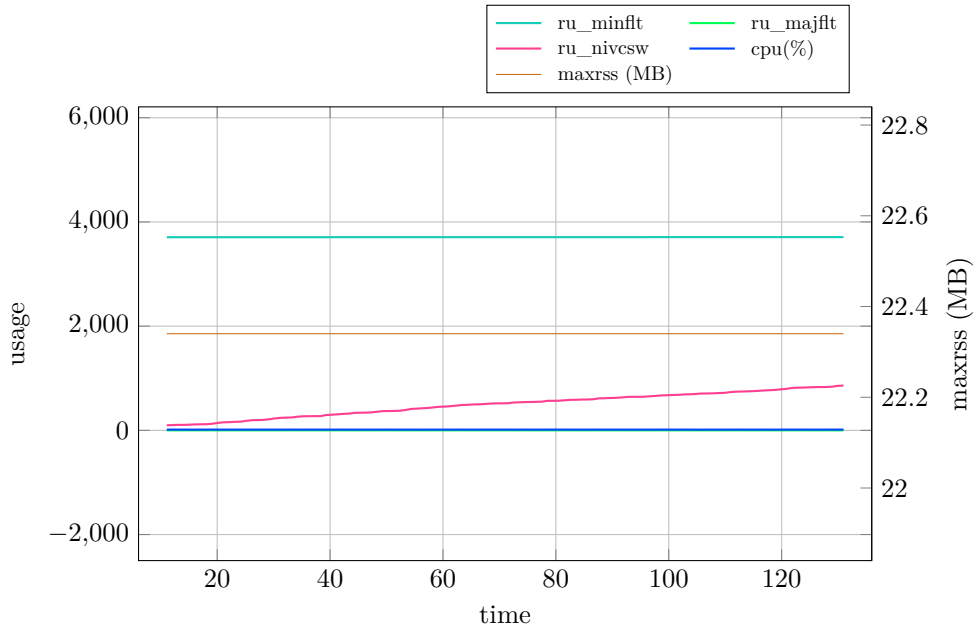
Performance

Logfile name	log_test_topic_29-11-2020_21-49-09
Experiment id	0766306f-1504-4922-aaf3-f606d78dd35e
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0072
received	4995.025
sent	499.4917
lost	0.0
relative_loss	0.0
data_received	81999867.65
latency_min (ms)	0.0606
latency_max (ms)	0.6498
latency_mean (ms)	0.2337
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.4727
pub_loop_res_max (ms)	1.8461
pub_loop_res_mean (ms)	1.7232
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 (%)	14.2491

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