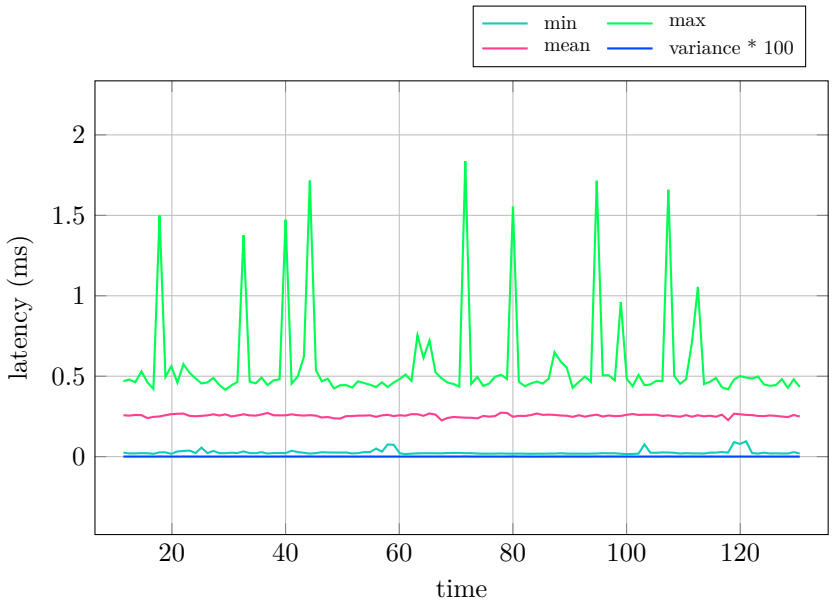
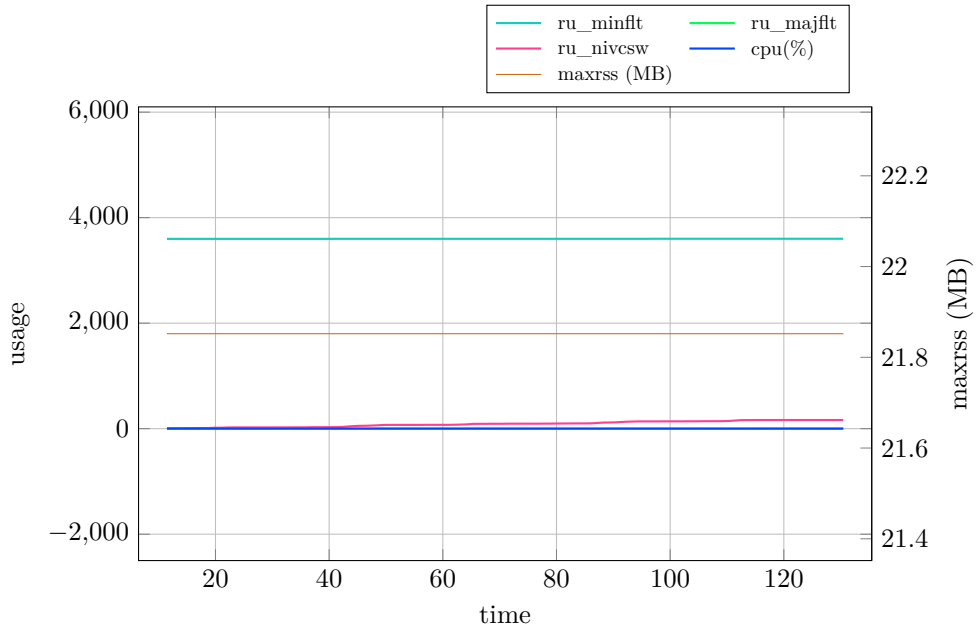
Performance

Logfile name	log_test_topic_01-12-2020_11-18-03
Experiment id	2d72706f-a8ef-4af4-860f-c18749f6b49e
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	1.0532
received	495.0
sent	49.5175
lost	0.0
relative_loss	0.0
data_received	2056171.1579
latency_min (ms)	0.0261
latency_max (ms)	0.5715
latency_mean (ms)	0.2548
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.3417
pub_loop_res_max (ms)	19.8815
pub_loop_res_mean (ms)	19.5035
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 (%)	1.9029

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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