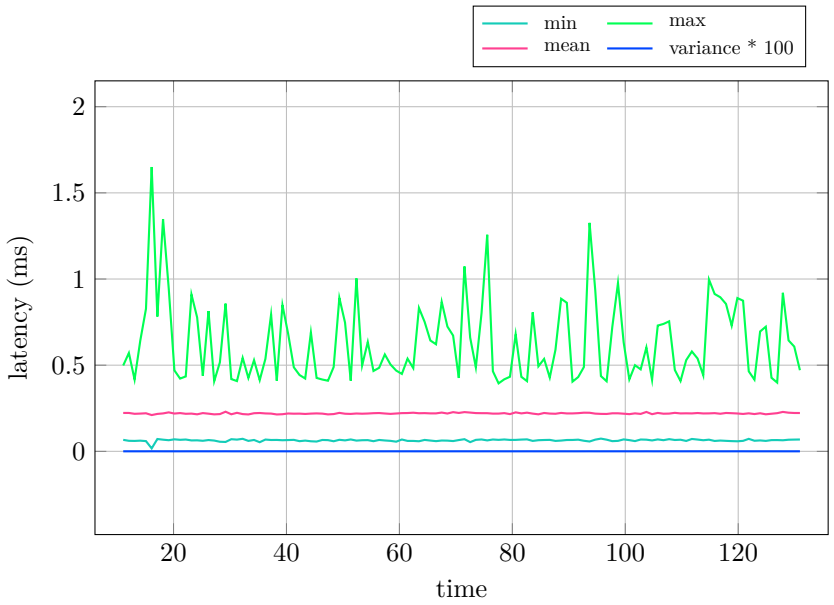
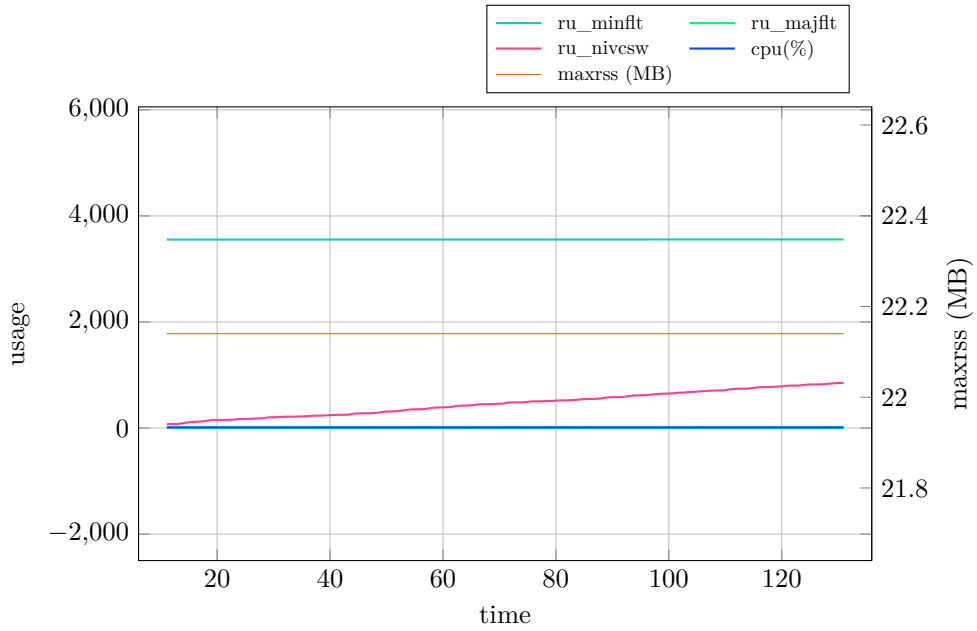
Performance

Logfile name	log_test_topic_01-12-2020_17-31-22
Experiment id	8e7568f2-5dff-415f-9315-32ac94ef76ef
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	1.0067
received	4995.05
sent	499.4833
lost	0.0
relative_loss	0.0
data_received	399993.8833
latency_min (ms)	0.0639
latency_max (ms)	0.63
latency_mean (ms)	0.2202
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.5203
pub_loop_res_max (ms)	1.8403
pub_loop_res_mean (ms)	1.7615
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 (%)	13.7061

environment

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