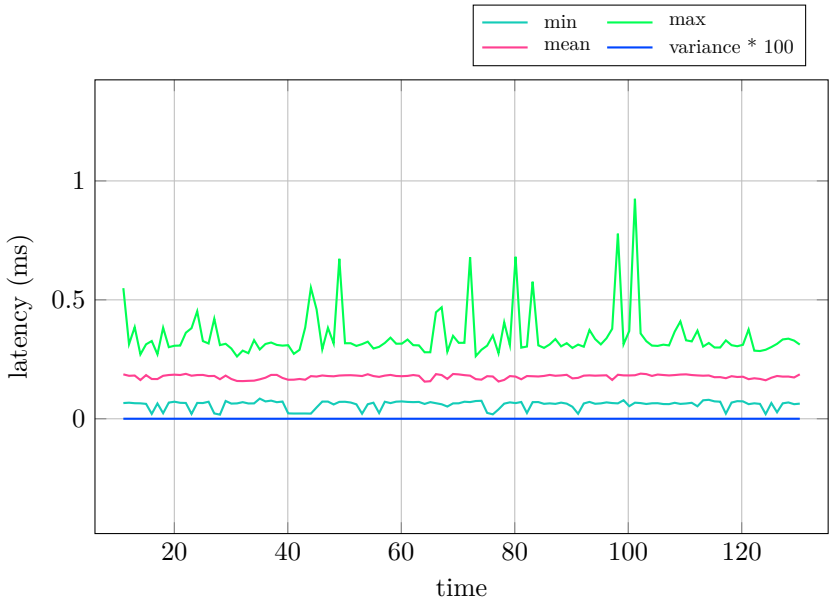
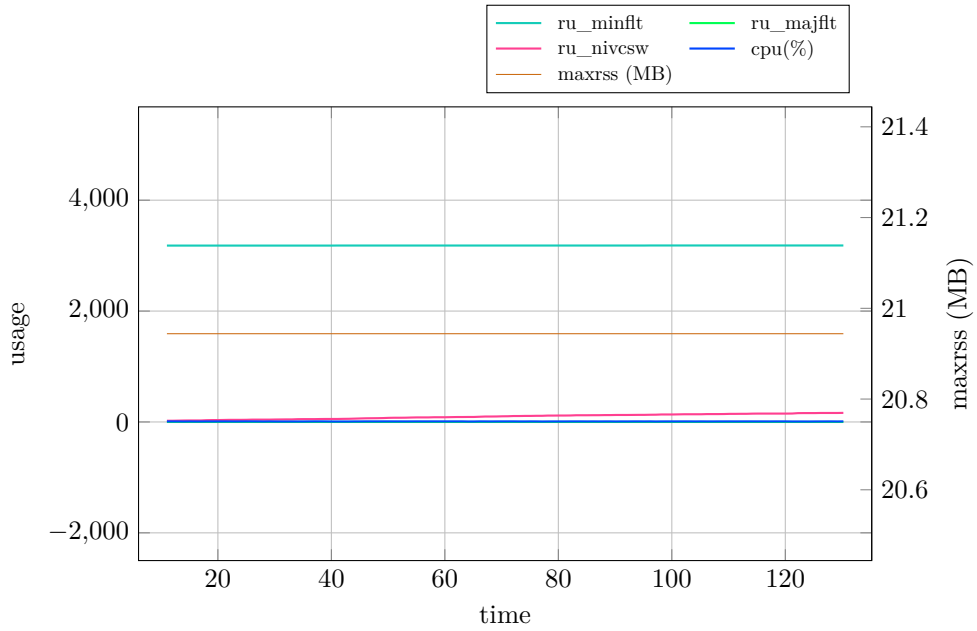
Performance

Logfile name	log_test_topic_01-12-2020_20-51-20
Experiment id	7c6efbd4-c1c1-494f-a579-b2a44ea996b2
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
Topic name	test_topic
Number of publishers	1
Number of subscribers	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0015
received	4997.4833
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	399997.4583
latency_min (ms)	0.0596
latency_max (ms)	0.3476
latency_mean (ms)	0.1773
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6603
pub_loop_res_max (ms)	0.8757
pub_loop_res_mean (ms)	0.7991
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 (%)	9.6202

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