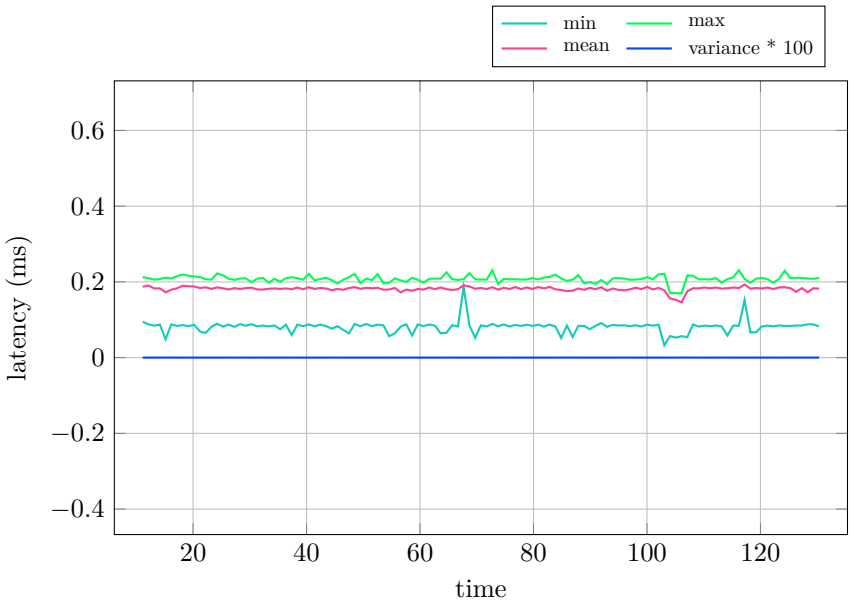
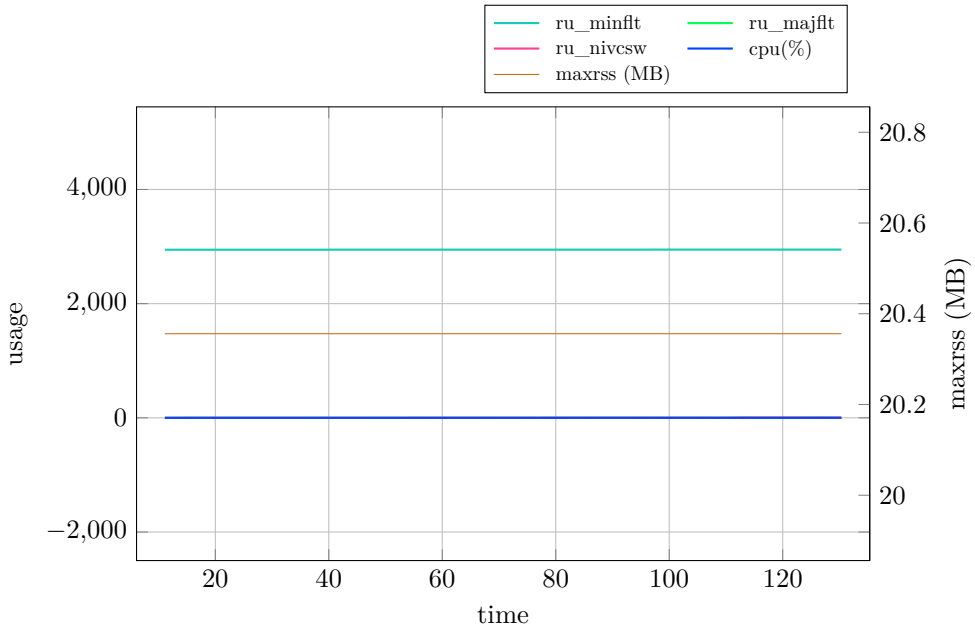
Performance

Logfile name	log_test_topic_01-12-2020_07-11-44
Experiment id	50ae8e51-757c-43c0-8f57-ec37ad42a568
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0102
received	49.521
sent	49.521
lost	0.0
relative_loss	0.0
data_received	1639741.4454
latency_min (ms)	0.0814
latency_max (ms)	0.2078
latency_mean (ms)	0.1817
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4285
pub_loop_res_max (ms)	19.8592
pub_loop_res_mean (ms)	19.5295
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 (%)	0.2037

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
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