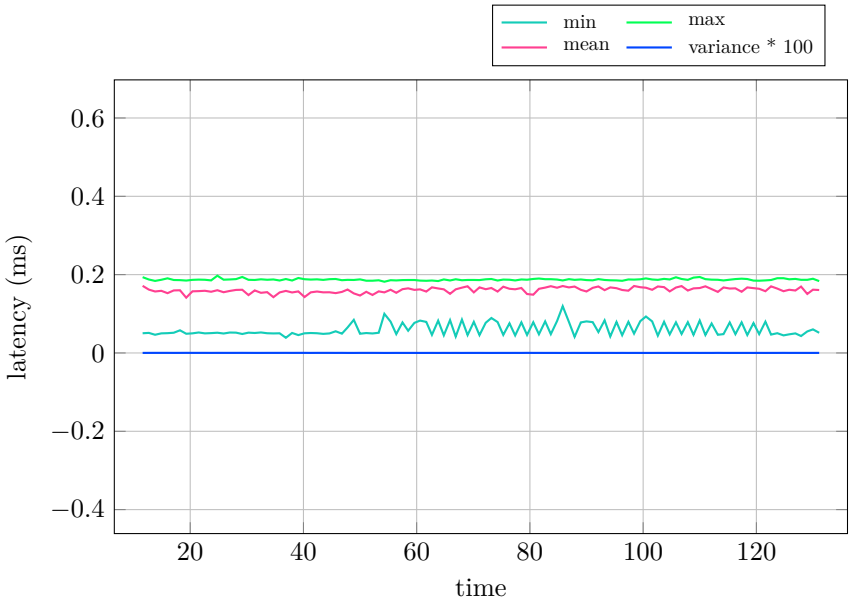
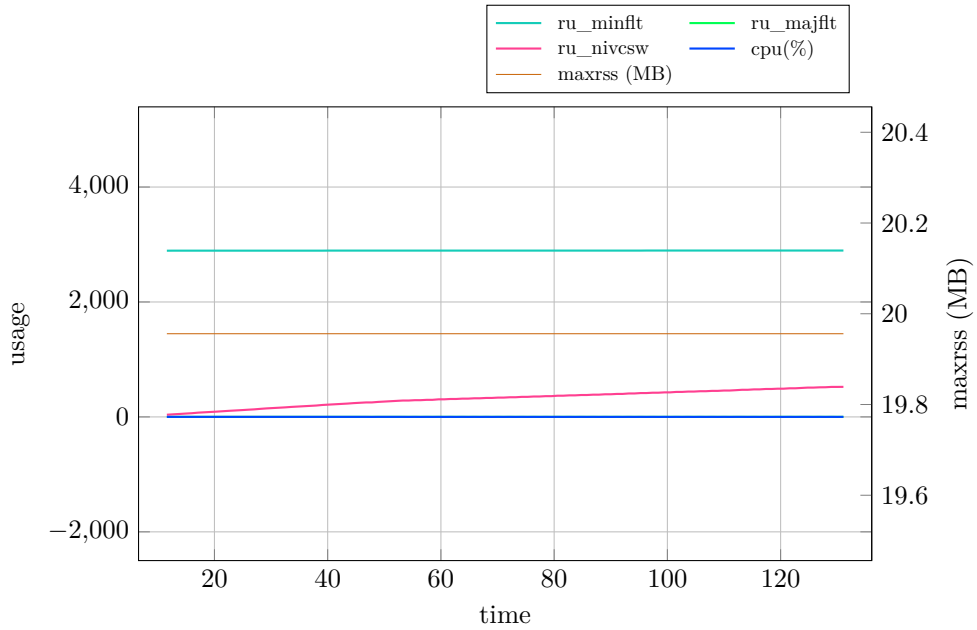
Performance

Logfile name	log_test_topic_12-12-2020_10-18-50
Experiment id	db3728b9-2bcb-4126-958d-593d00321071
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.0671
received	9.5398
sent	9.5221
lost	0.0
relative_loss	0.0
data_received	41288.3805
latency_min (ms)	0.0604
latency_max (ms)	0.1873
latency_mean (ms)	0.1606
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.4609
pub_loop_res_max (ms)	99.8139
pub_loop_res_mean (ms)	99.5441
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 (%)	0.5301

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