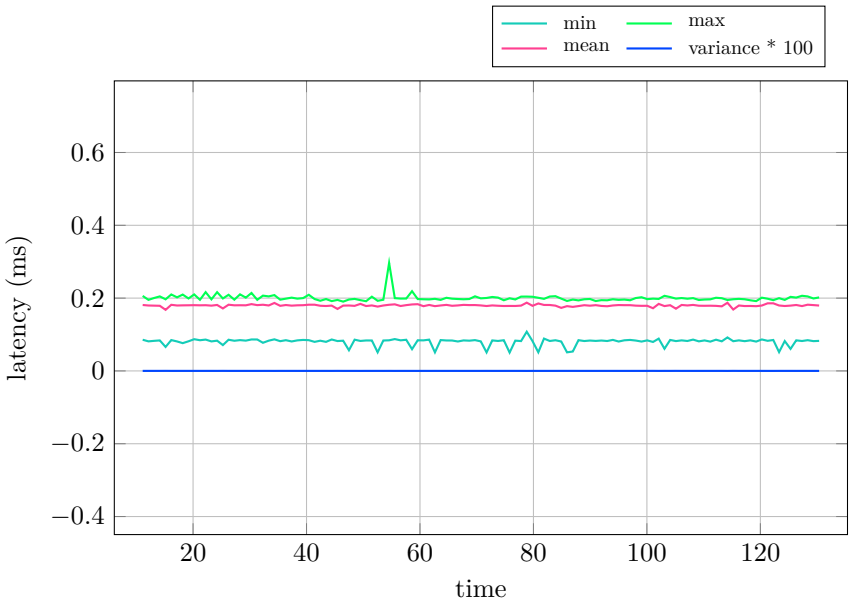
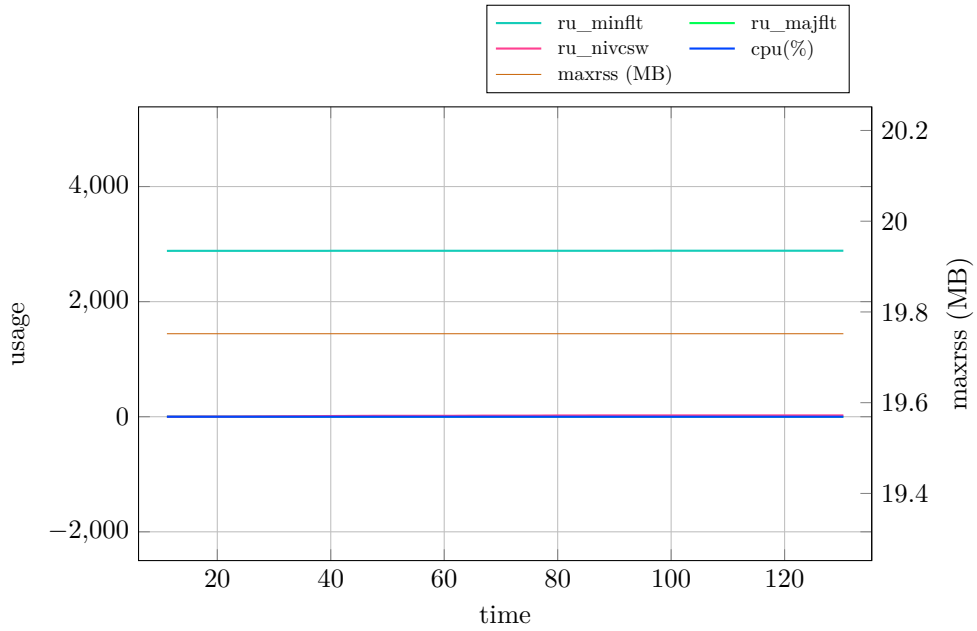
Performance

Logfile name	log_test_topic_01-12-2020_07-39-06
Experiment id	fb7cbd6d-a5f5-4a75-a466-87c6e4b1b4f3
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	49.5126
sent	49.5126
lost	0.0
relative_loss	0.0
data_received	3999.4622
latency_min (ms)	0.0804
latency_max (ms)	0.2005
latency_mean (ms)	0.1797
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4197
pub_loop_res_max (ms)	19.8676
pub_loop_res_mean (ms)	19.5217
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 (%)	0.201

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