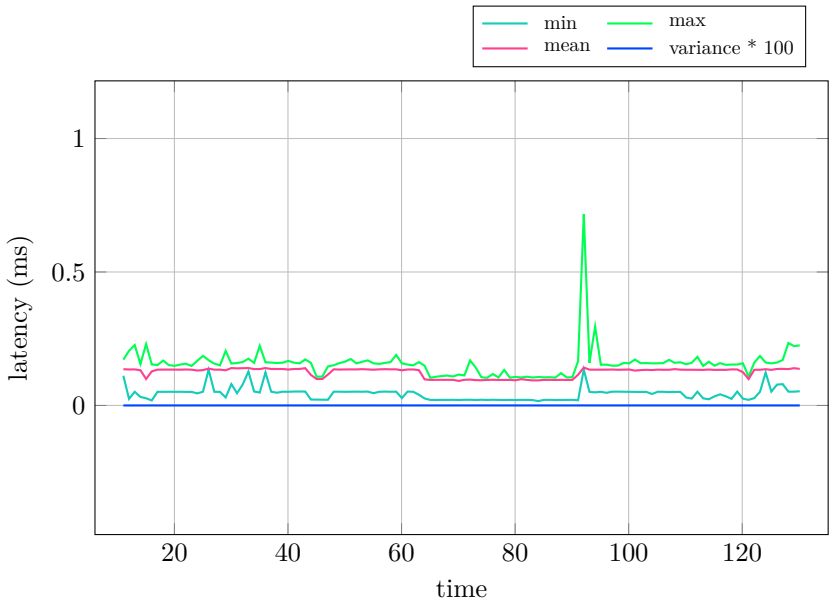
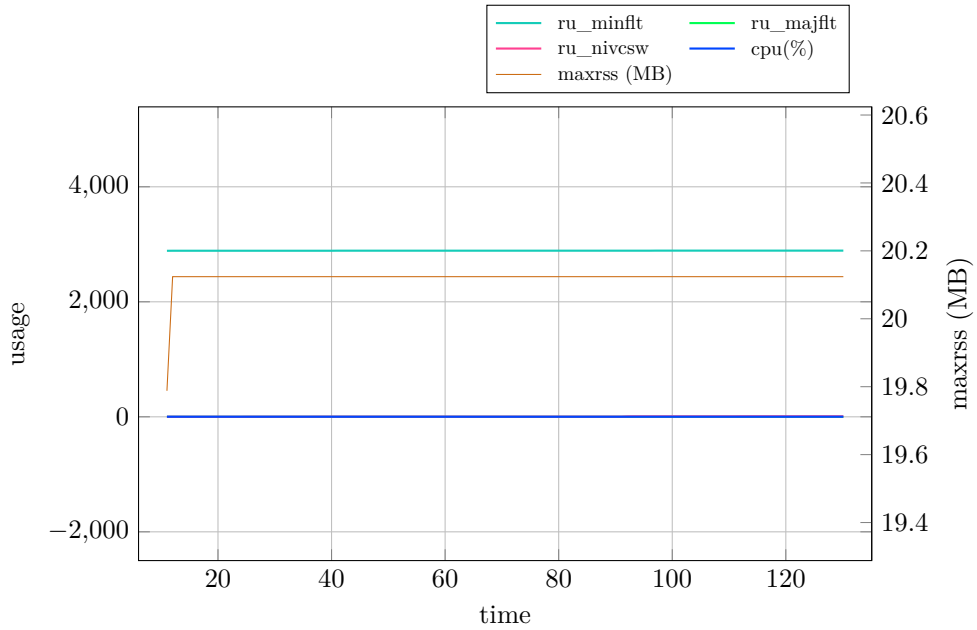
Performance

Logfile name	log_test_topic_30-11-2020_04-37-39
Experiment id	de17b55a-0768-4dfc-816e-69e4e688ff1e
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0007
received	999.5
sent	999.5
lost	0.0
relative_loss	0.0
data_received	167999.2417
latency_min (ms)	0.0441
latency_max (ms)	0.1583
latency_mean (ms)	0.1243
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7587
pub_loop_res_max (ms)	0.9115
pub_loop_res_mean (ms)	0.8261
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 (%)	1.6364

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	NavSatFix
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0