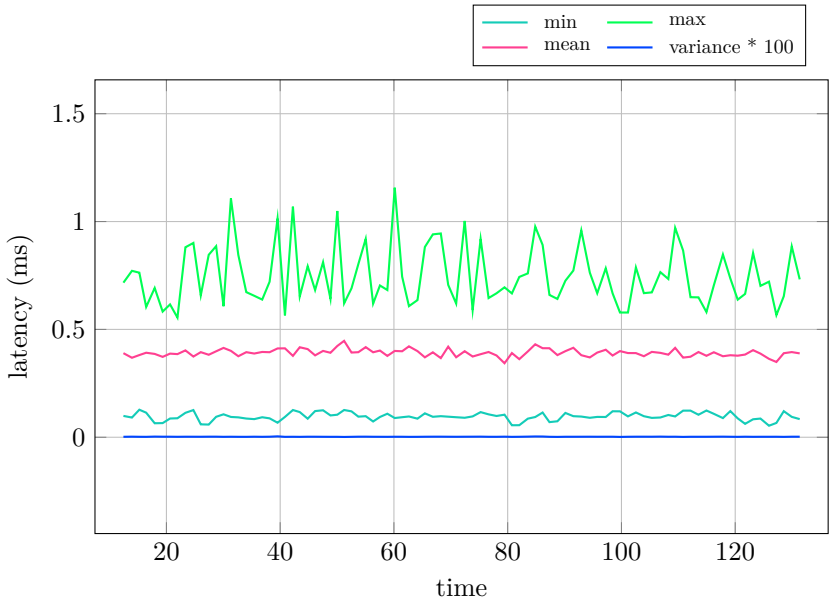
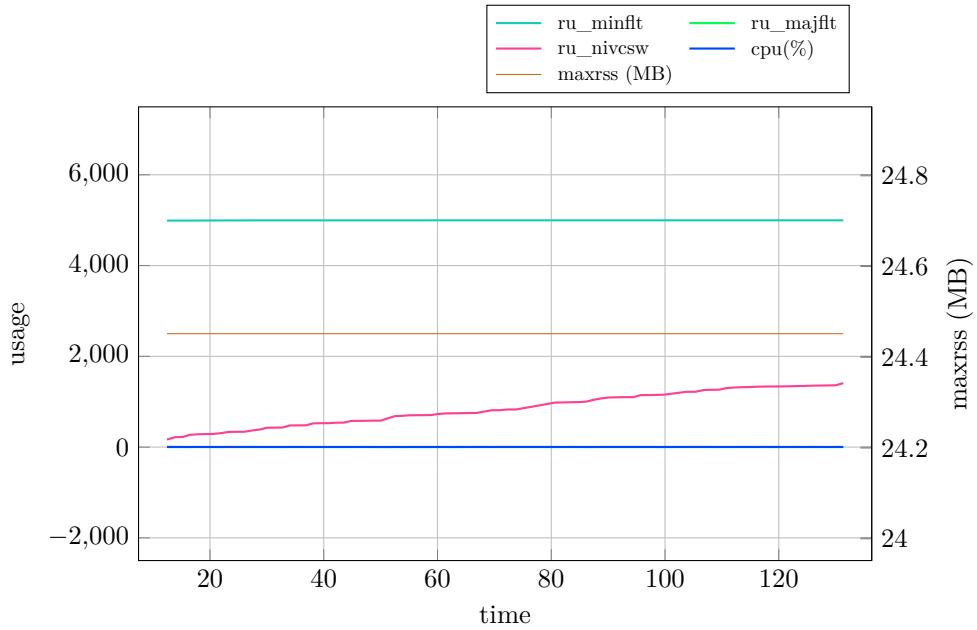
Performance

Logfile name	log_test_topic_28-11-2020_19-26-14
Experiment id	dee72164-142d-4e75-a057-82d89014df11
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.3527
received	94.9663
sent	9.5169
lost	0.0
relative_loss	0.0
data_received	52861.3034
latency_min (ms)	0.0961
latency_max (ms)	0.7491
latency_mean (ms)	0.3911
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.6249
pub_loop_res_max (ms)	99.8963
pub_loop_res_mean (ms)	99.7678
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 (%)	3.4907

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_ecal_dynamic_cpp
Roundtrip Mode	NONE
With security	0