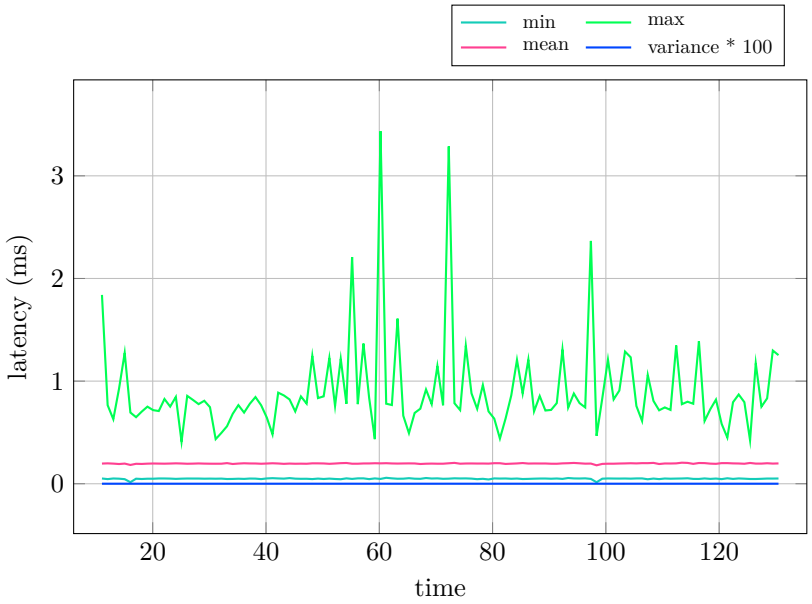
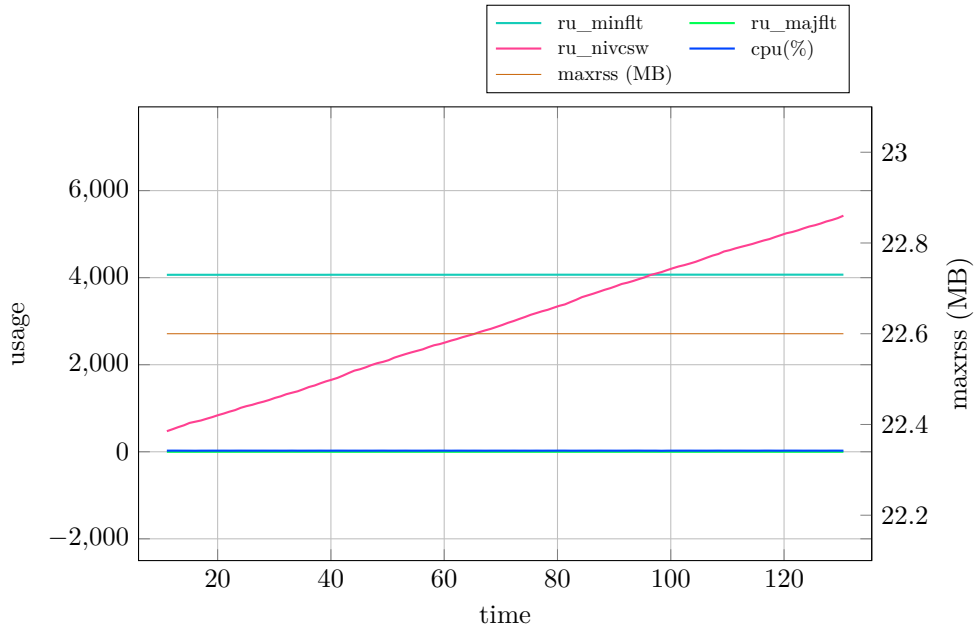
Performance

Logfile name	log_test_topic_30-11-2020_10-25-56
Experiment id	9dedb5bd-f582-4d2a-9842-5e5b2488b5f9
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0034
received	9994.9083
sent	999.4333
lost	0.0
relative_loss	0.0
data_received	5279984.8333
latency_min (ms)	0.0491
latency_max (ms)	0.9031
latency_mean (ms)	0.1971
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5667
pub_loop_res_max (ms)	0.8563
pub_loop_res_mean (ms)	0.7805
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 (%)	25.3246

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0