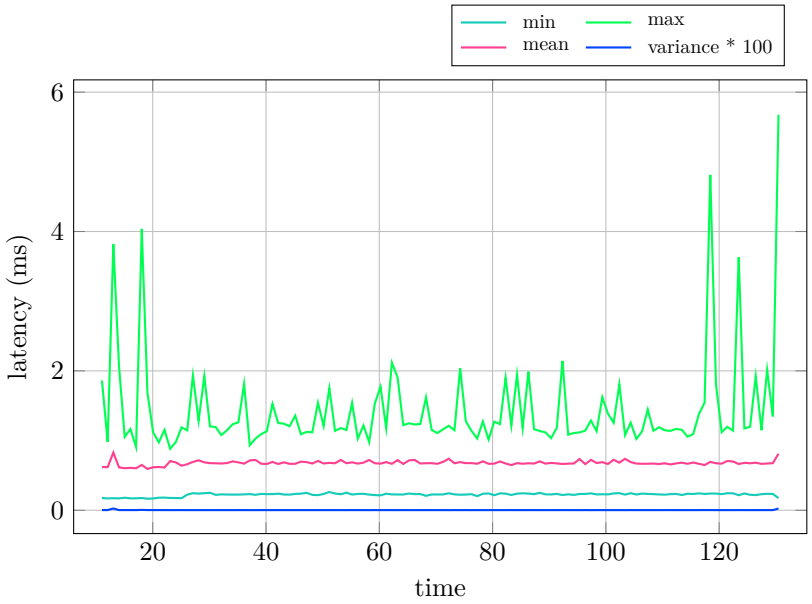
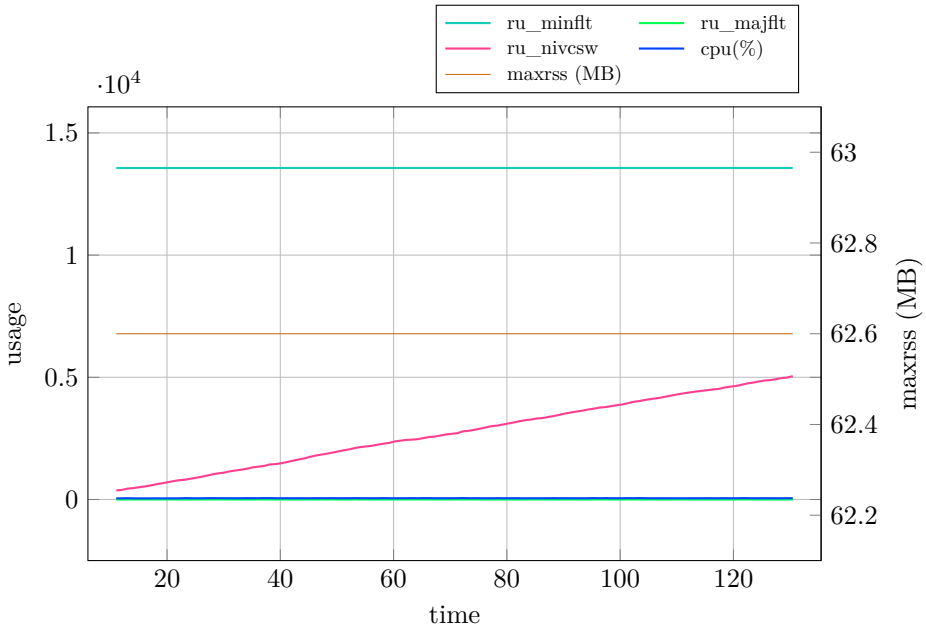
Performance

Logfile name	log_test_topic_30-11-2020_10-19-04
Experiment id	308ce792-261c-4f7d-aa33-06f3eb19ee7d
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	1.0036
received	9995.05
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	10485943895.3333
latency_min (ms)	0.2238
latency_max (ms)	1.4344
latency_mean (ms)	0.678
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.2725
pub_loop_res_max (ms)	0.8239
pub_loop_res_mean (ms)	0.6966
pub_loop_res_variance (ms)	0.0002
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 (%)	51.7737

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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