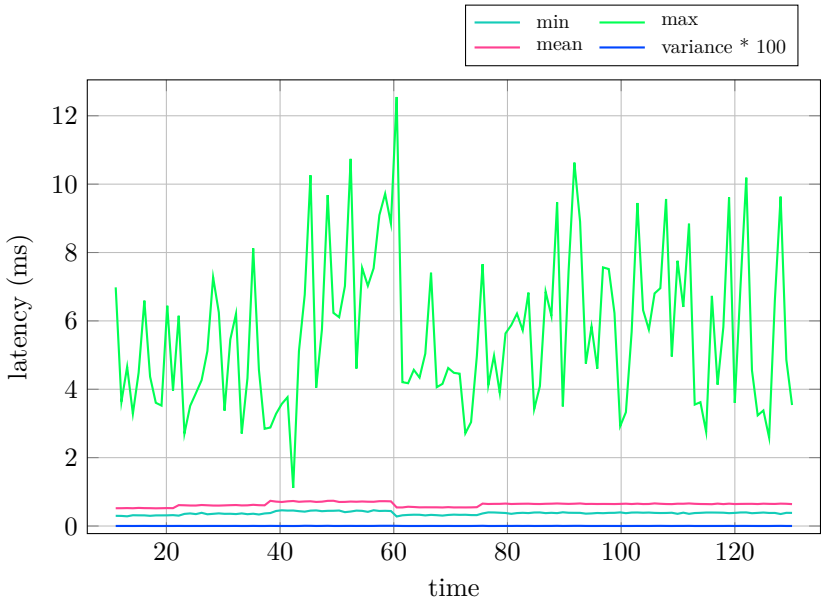
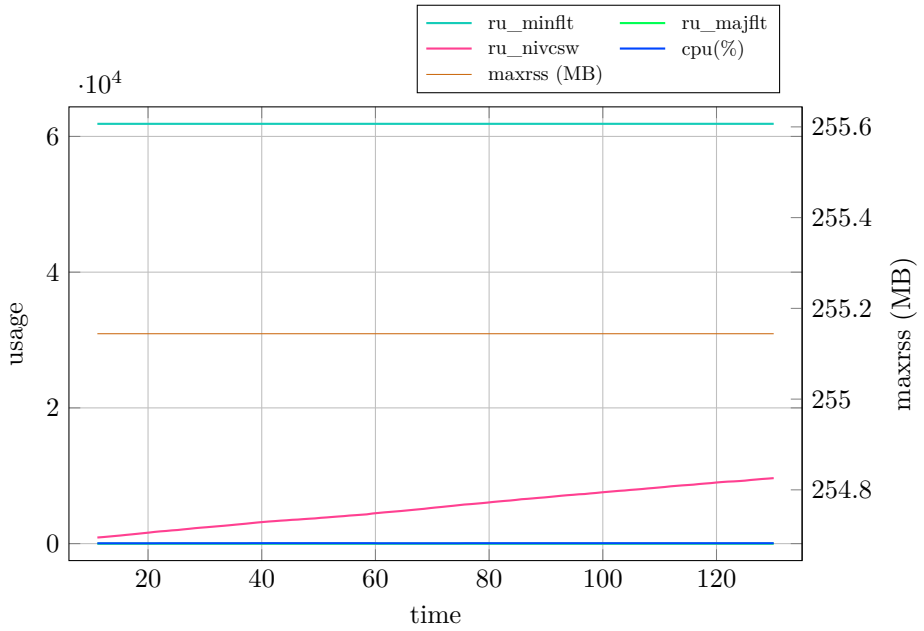
Performance

Logfile name	log_test_topic_02-12-2020_05-51-04
Experiment id	10e1feca-b9e4-4d01-a5f9-411562aeffe5
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	1.008
received	9990.6303
sent	999.521
lost	1.1849
relative_loss	0.001
data_received	676980736.1008
latency_min (ms)	0.3745
latency_max (ms)	5.6464
latency_mean (ms)	0.6314
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-3.4597
pub_loop_res_max (ms)	0.8802
pub_loop_res_mean (ms)	0.7632
pub_loop_res_variance (ms)	0.0003
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 (%)	54.5469

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
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