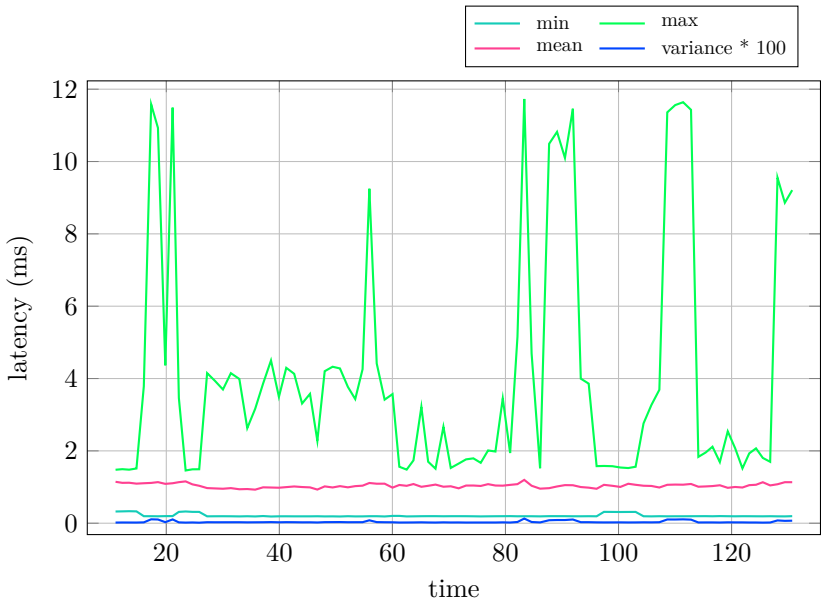
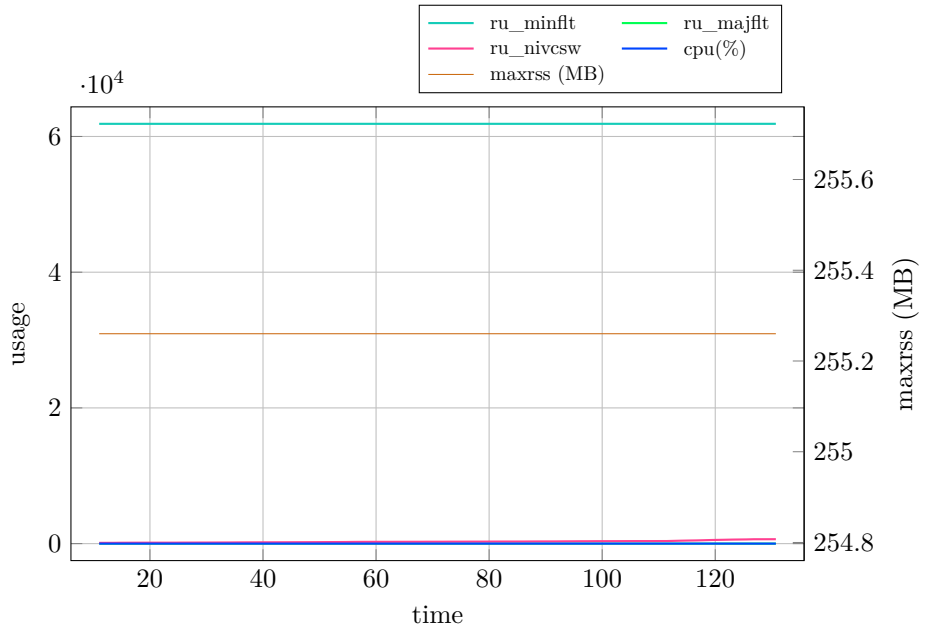
Performance

Logfile name	log_test_topic_30-11-2020_22-05-46
Experiment id	801f5fe3-5b6f-47b0-9e95-c5308eac73a2
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	1.3284
received	95.1209
sent	9.4945
lost	0.0
relative_loss	0.0
data_received	6776138.7363
latency_min (ms)	0.2102
latency_max (ms)	4.1263
latency_mean (ms)	1.039
latency_variance (ms)	0.0004
pub_loop_res_min (ms)	99.3475
pub_loop_res_max (ms)	99.8812
pub_loop_res_mean (ms)	99.5209
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 (%)	2.9146

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