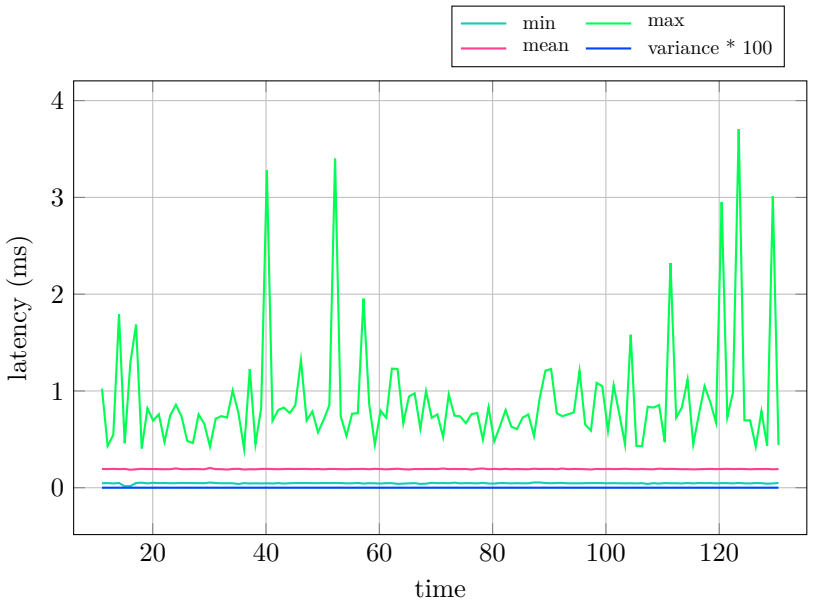
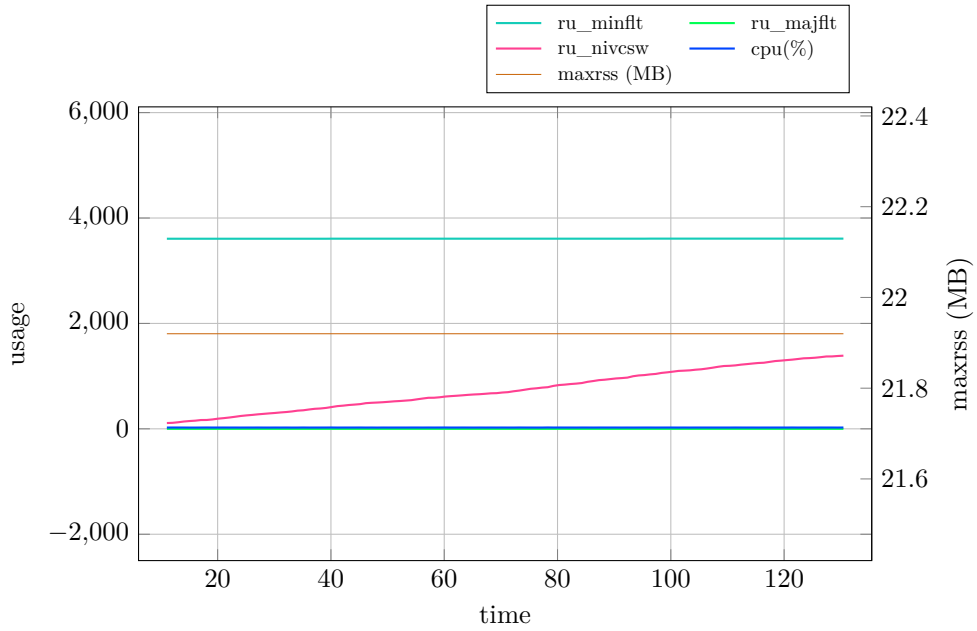
Performance

Logfile name	log_test_topic_30-11-2020_10-09-56
Experiment id	e30b3b3a-4c15-44a0-bc0e-fa10928ec14b
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	1.0033
received	9994.9583
sent	999.525
lost	0.0
relative_loss	0.0
data_received	41119942.1667
latency_min (ms)	0.0463
latency_max (ms)	0.9024
latency_mean (ms)	0.193
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5711
pub_loop_res_max (ms)	0.8604
pub_loop_res_mean (ms)	0.7963
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 (%)	24.6036

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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