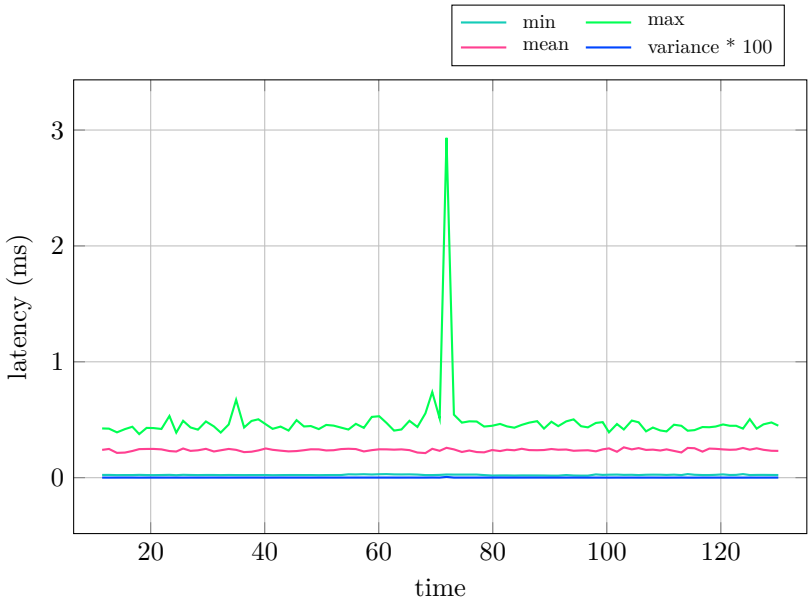
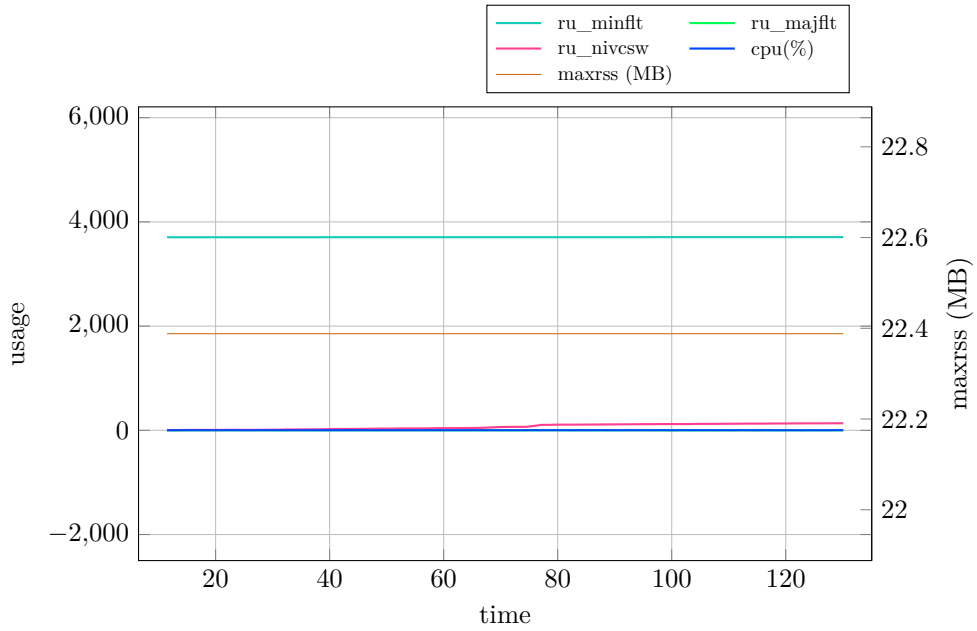
Performance

Logfile name	log_test_topic_28-11-2020_19-56-26
Experiment id	c8d55c1d-a00c-4d08-8dfb-eaa22798e45a
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	1.288
received	95.0
sent	9.4624
lost	0.0
relative_loss	0.0
data_received	1641273.1398
latency_min (ms)	0.0237
latency_max (ms)	0.4828
latency_mean (ms)	0.2385
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.3935
pub_loop_res_max (ms)	99.88
pub_loop_res_mean (ms)	99.5776
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 (%)	2.1017

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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