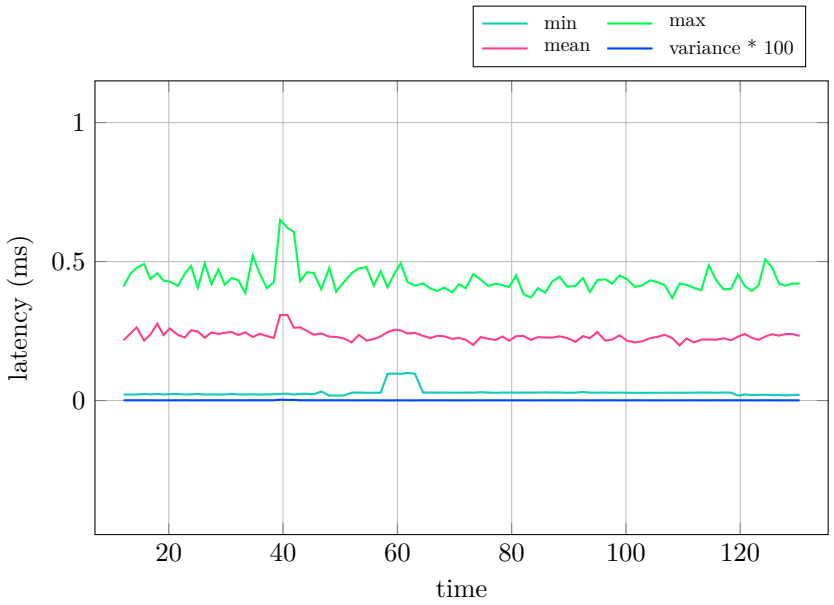
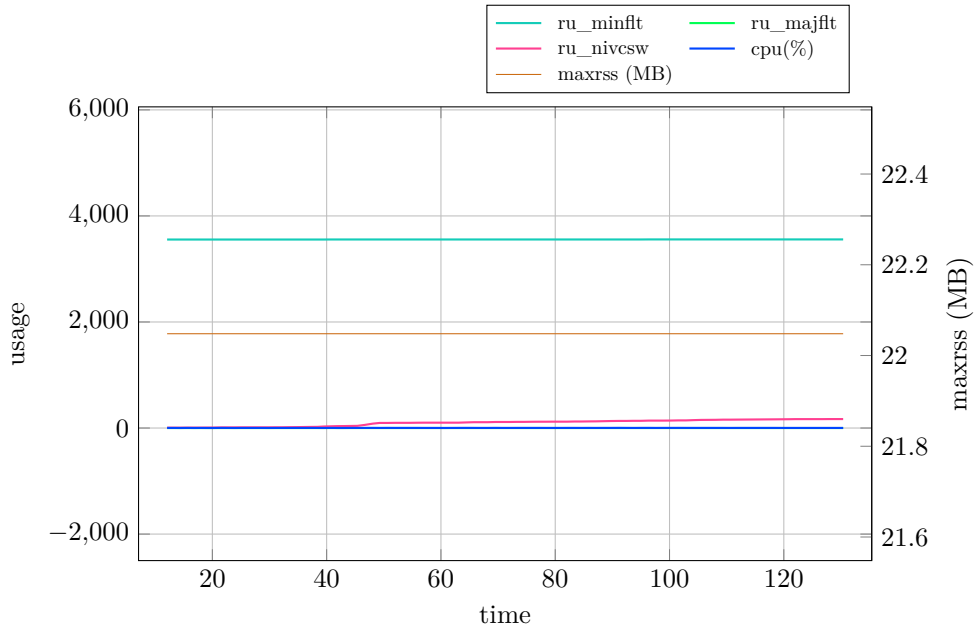
Performance

Logfile name	log_test_topic_28-11-2020_20-26-21
Experiment id	d2aaa9c1-bd41-43d9-bf76-bae0a33ccf38
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	1.2447
received	95.0208
sent	9.4896
lost	0.0
relative_loss	0.0
data_received	7999.6146
latency_min (ms)	0.0291
latency_max (ms)	0.4362
latency_mean (ms)	0.2327
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.3579
pub_loop_res_max (ms)	99.8775
pub_loop_res_mean (ms)	99.5258
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 (%)	1.8697

environment

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