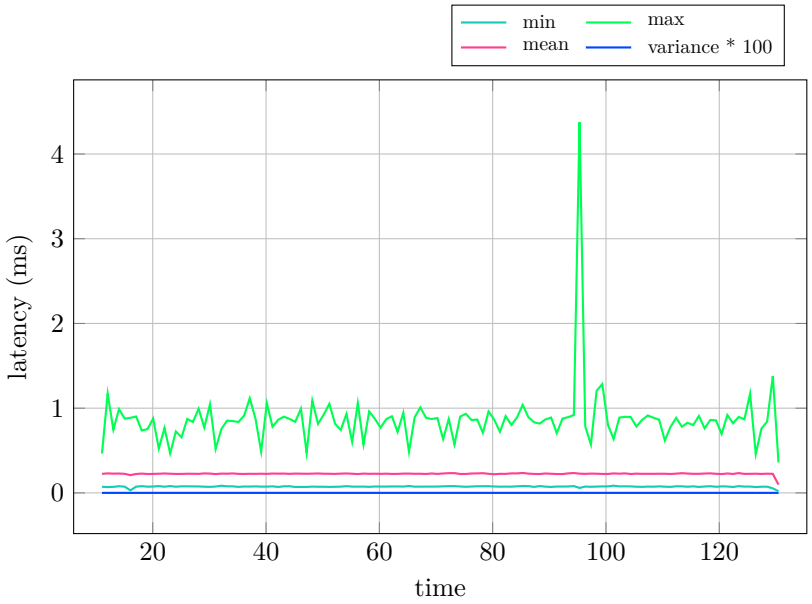
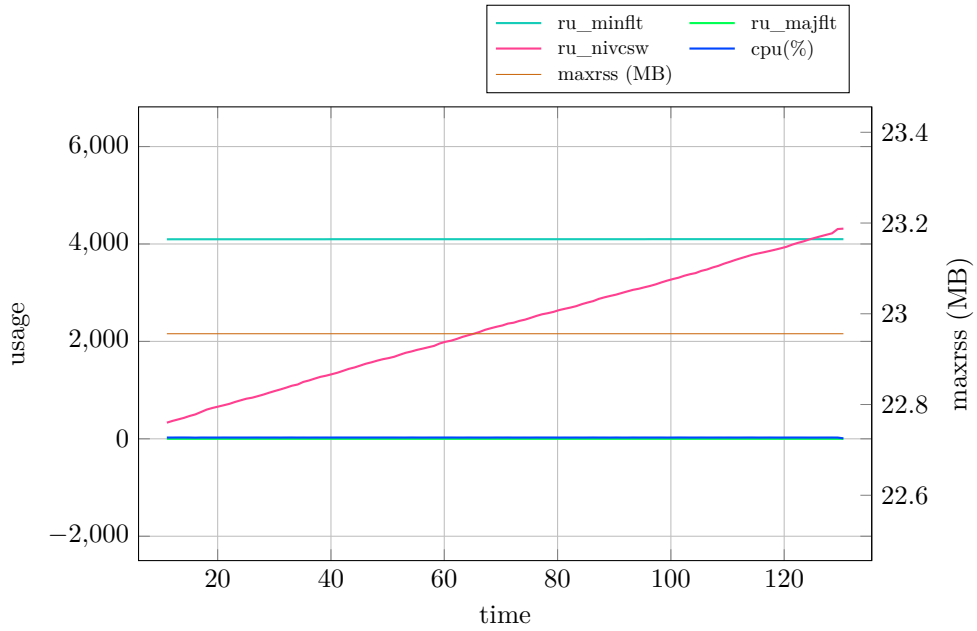
Performance

Logfile name	log__test__topic__02-12-2020__05-37-22
Experiment id	7dd3a904-d879-4d6d-a4bd-2d56f46aac5f
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	1.0032
received	9993.2917
sent	999.4917
lost	1.0583
relative_loss	0.001
data_received	614459799.3167
latency_min (ms)	0.0741
latency_max (ms)	0.8655
latency_mean (ms)	0.2254
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5323
pub_loop_res_max (ms)	0.8375
pub_loop_res_mean (ms)	0.7592
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 (%)	26.2155

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array60k
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