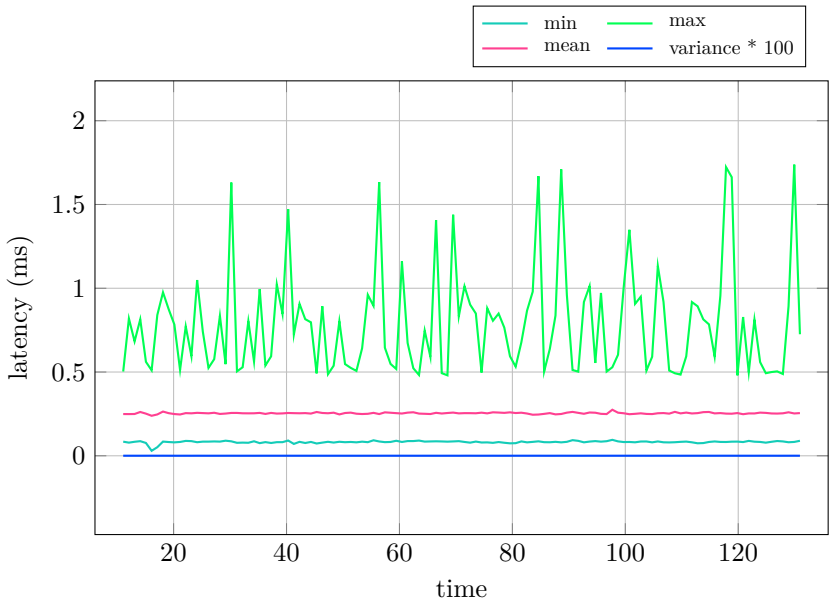
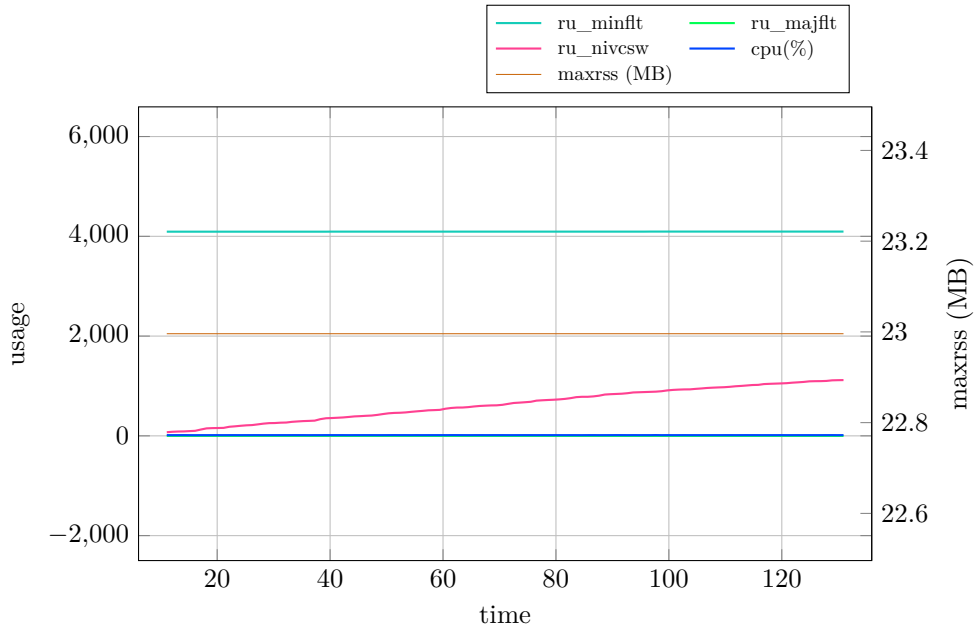
Performance

Logfile name	log_test_topic_01-12-2020_17-06-11
Experiment id	59f4f5ca-f5ca-4b7f-9689-a725899ad568
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0068
received	4994.8167
sent	499.5083
lost	0.0
relative_loss	0.0
data_received	307277447.75
latency_min (ms)	0.0823
latency_max (ms)	0.7889
latency_mean (ms)	0.254
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.4474
pub_loop_res_max (ms)	1.839
pub_loop_res_mean (ms)	1.701
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 (%)	14.4856

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