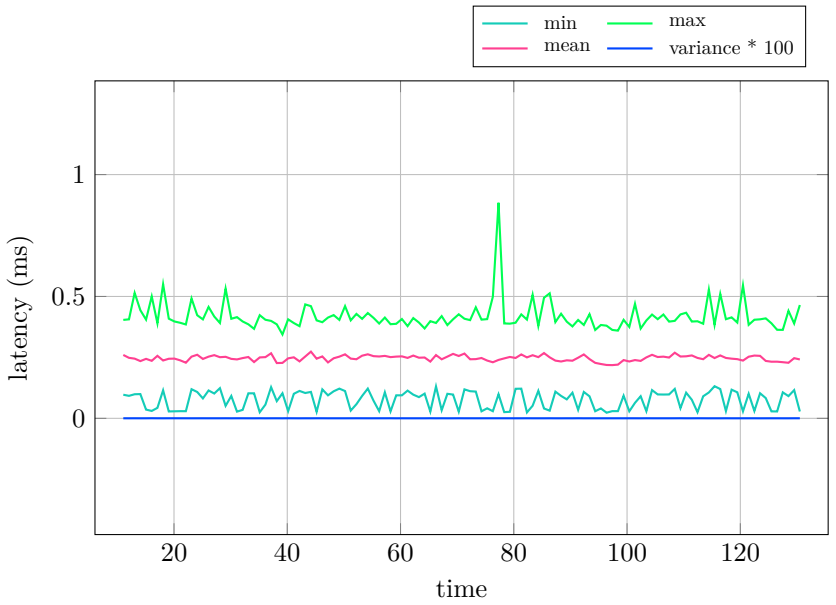
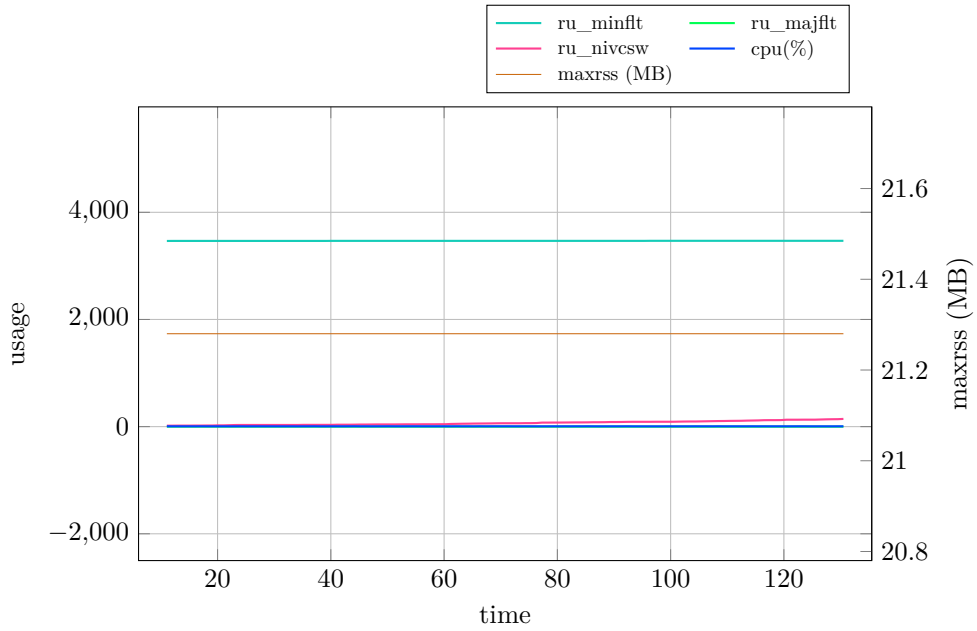
Performance

Logfile name	log_test_topic_29-11-2020_19-02-48
Experiment id	5d12efe0-f0c9-4eb6-a43e-c444f2f5a910
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0036
received	2497.5333
sent	499.4917
lost	0.0
relative_loss	0.0
data_received	153639516.325
latency_min (ms)	0.0762
latency_max (ms)	0.4185
latency_mean (ms)	0.2467
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.5259
pub_loop_res_max (ms)	1.8659
pub_loop_res_mean (ms)	1.6244
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 (%)	6.0138

environment

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