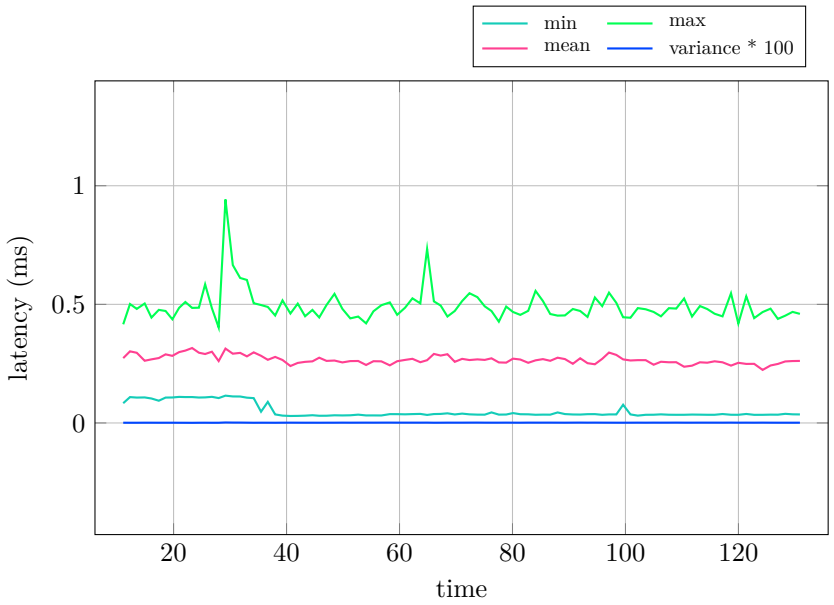
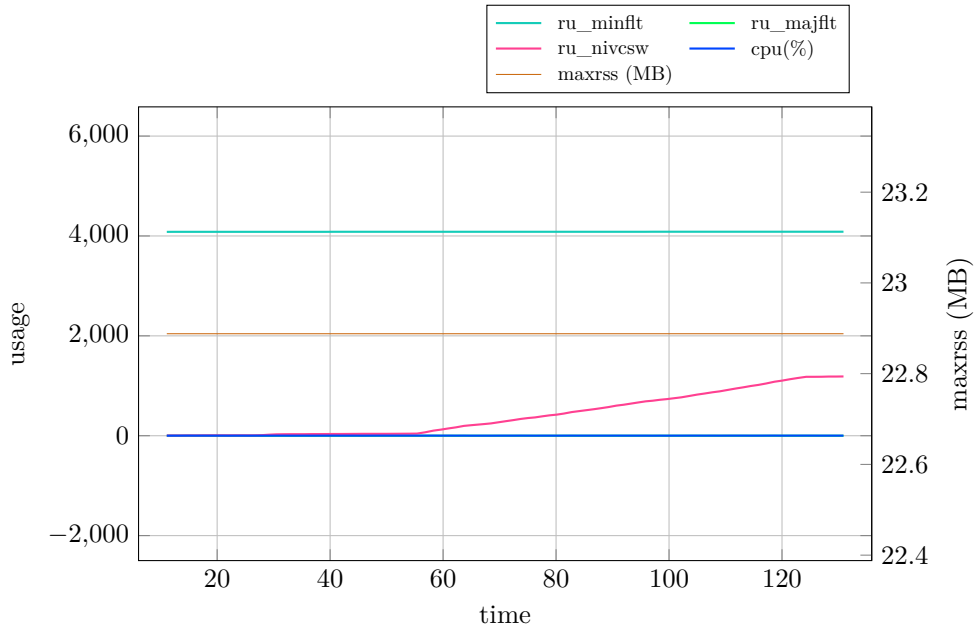
Performance

Logfile name	log_test_topic_28-11-2020_20-01-01
Experiment id	4499ff31-e22c-47fb-918d-1b0ff86a6924
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	1.2998
received	95.0323
sent	9.4839
lost	0.0
relative_loss	0.0
data_received	6150985.7634
latency_min (ms)	0.0517
latency_max (ms)	0.4926
latency_mean (ms)	0.2672
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.3504
pub_loop_res_max (ms)	99.8868
pub_loop_res_mean (ms)	99.5295
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 (%)	2.1846

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