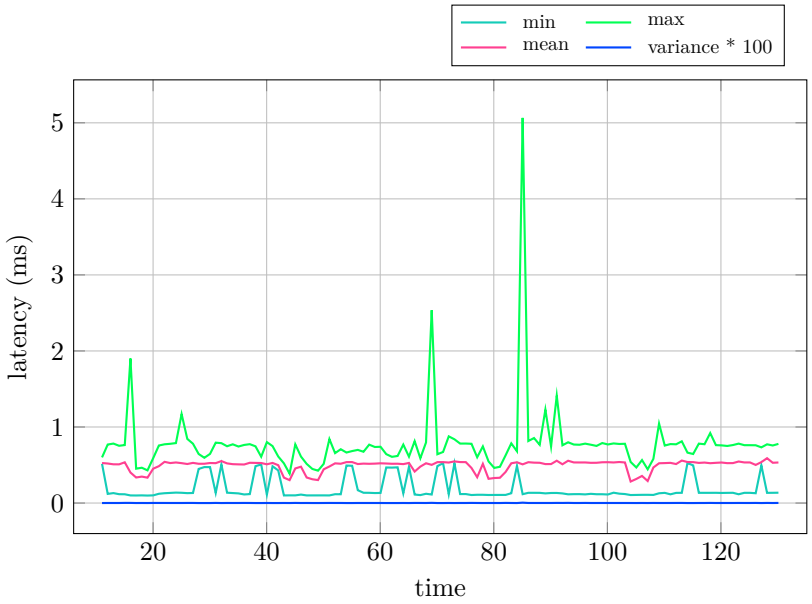
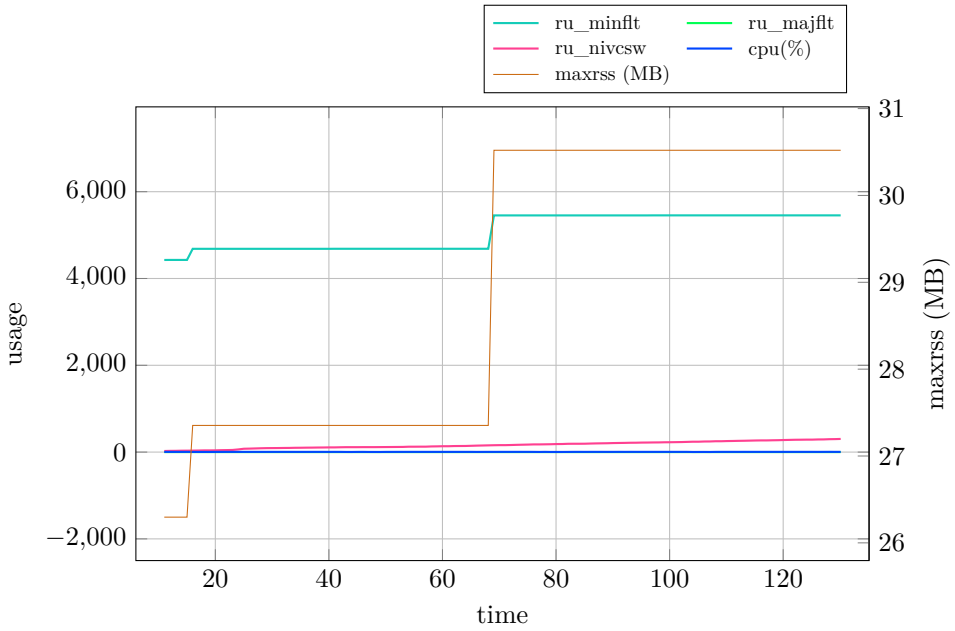
Performance

Logfile name	log_test_topic_30-11-2020_04-12-37
Experiment id	587501e1-adff-43af-8243-2dd0e9e6d4ef
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0007
received	999.5167
sent	999.5167
lost	0.0
relative_loss	0.0
data_received	1048590403.3583
latency_min (ms)	0.1877
latency_max (ms)	0.7806
latency_mean (ms)	0.4926
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.4556
pub_loop_res_max (ms)	0.847
pub_loop_res_mean (ms)	0.6828
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 (%)	4.7141

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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