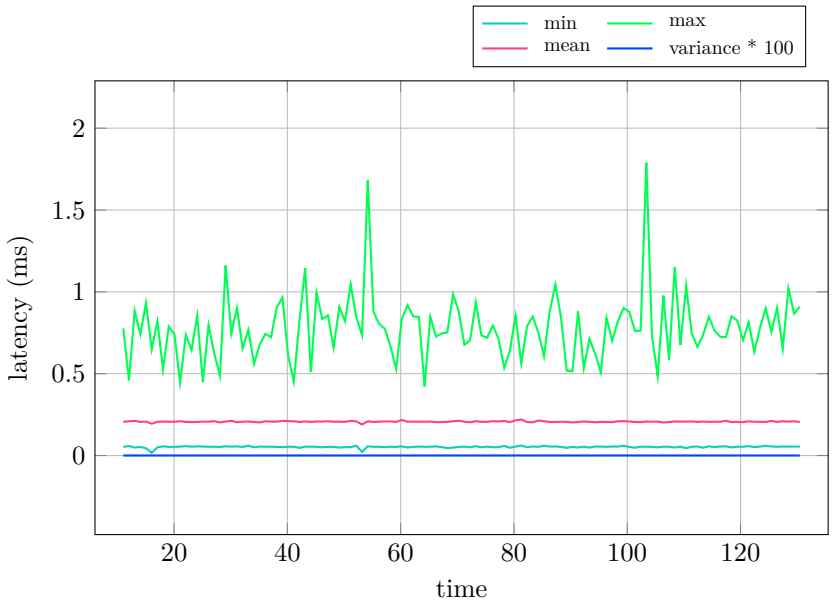
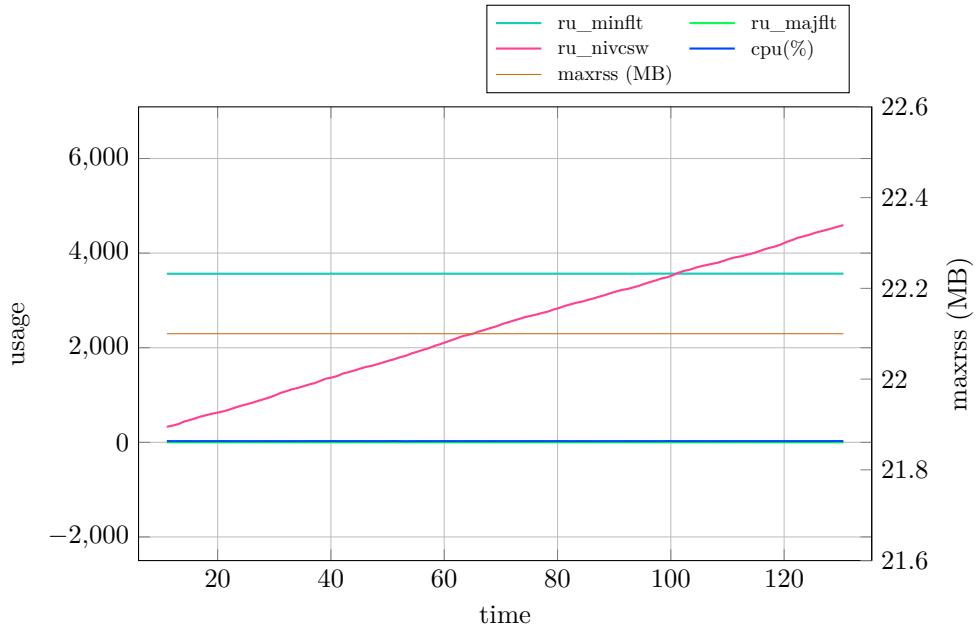
Performance

Logfile name	log_test_topic_02-12-2020_06-04-47
Experiment id	d2447259-a4e2-48f5-8e42-b5f4b7eaeaf9
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	9994.1583
sent	999.4917
lost	0.4083
relative_loss	0.0004
data_received	1679841.025
latency_min (ms)	0.0529
latency_max (ms)	0.7783
latency_mean (ms)	0.2071
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5098
pub_loop_res_max (ms)	0.8399
pub_loop_res_mean (ms)	0.7584
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 (%)	25.0532

environment

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