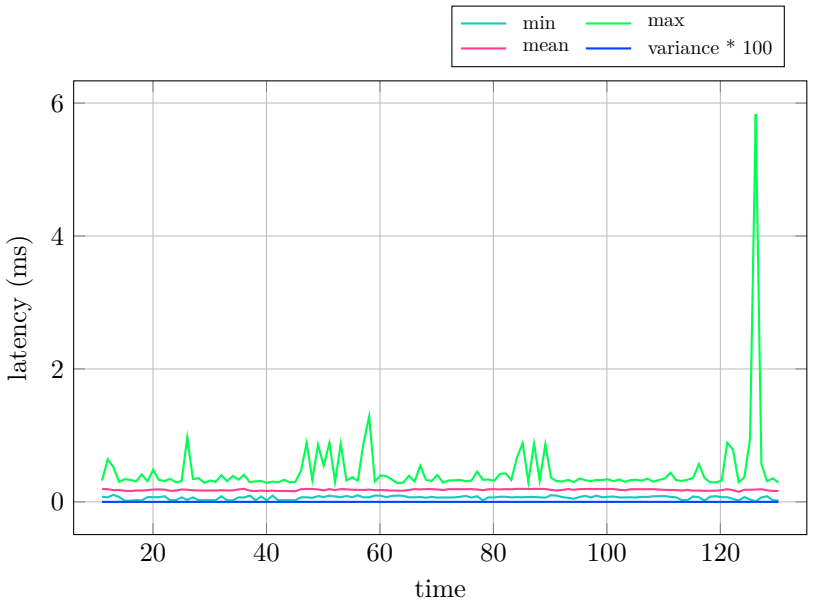
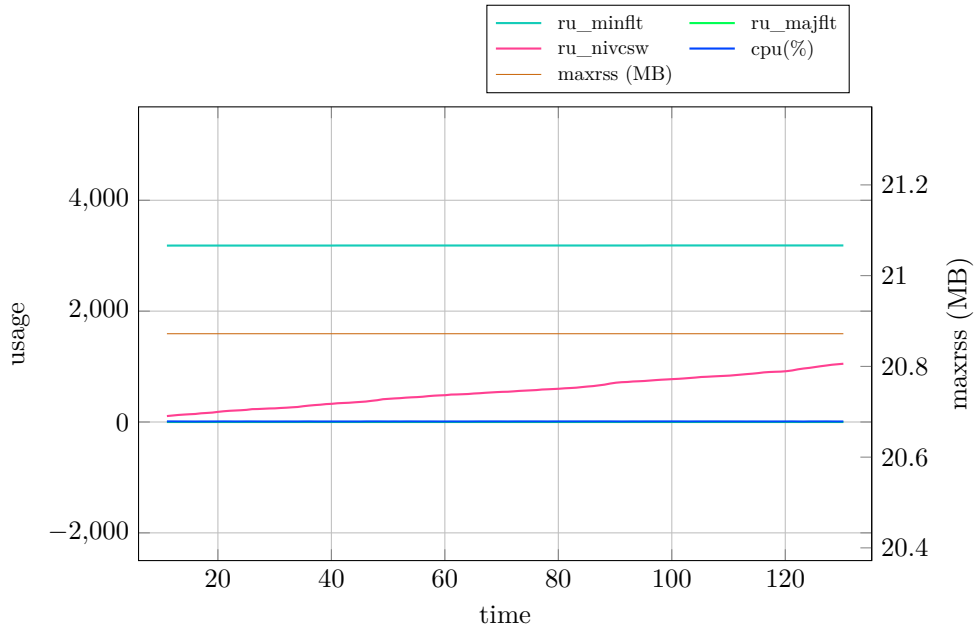
Performance

Logfile name	log_test_topic_01-12-2020_20-53-37
Experiment id	e555cf24-ce0f-4d47-875d-eddd9a556649
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0016
received	4997.175
sent	999.4833
lost	0.1917
relative_loss	0.0002
data_received	839945.575
latency_min (ms)	0.0636
latency_max (ms)	0.4575
latency_mean (ms)	0.1811
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7037
pub_loop_res_max (ms)	0.8757
pub_loop_res_mean (ms)	0.8018
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 (%)	9.3851

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