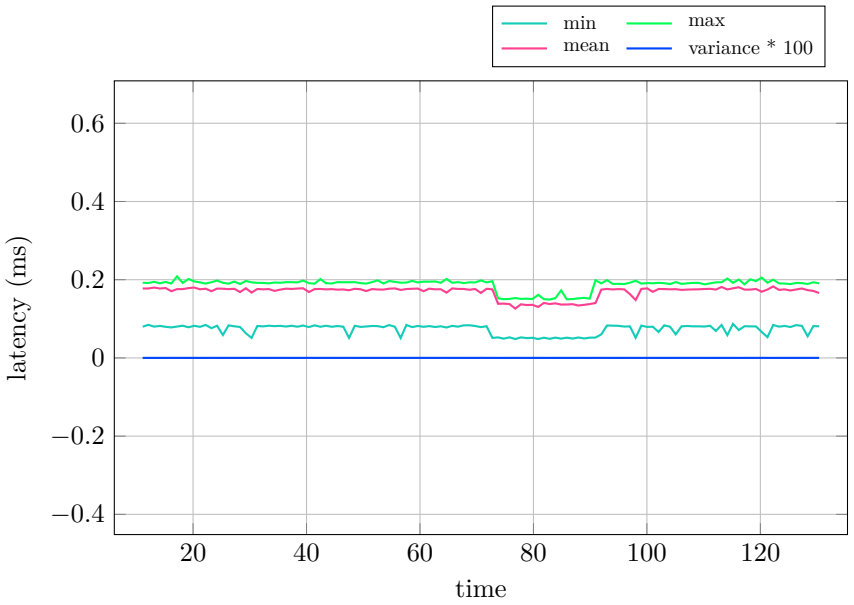
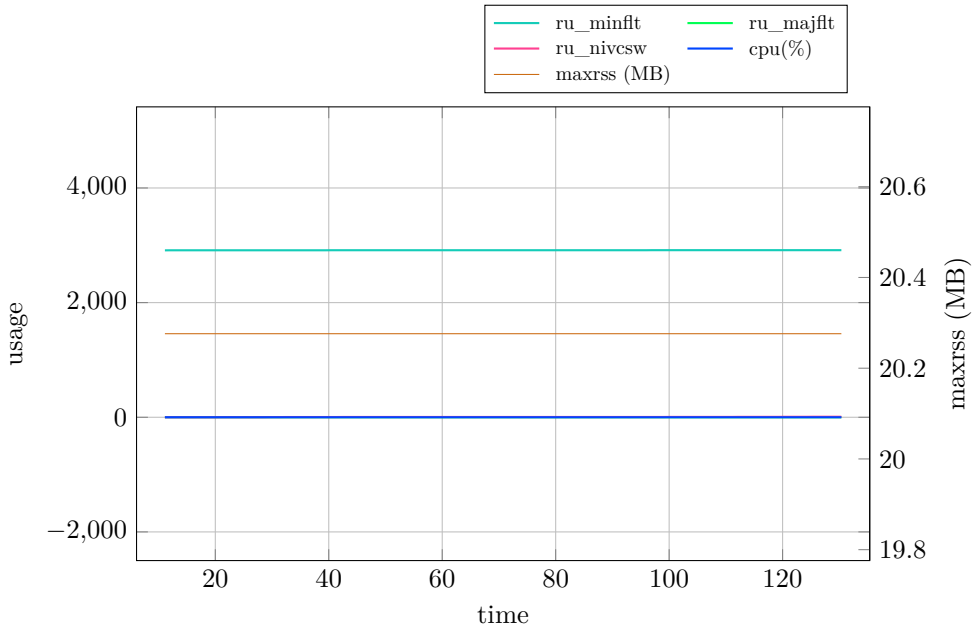
Performance

Logfile name	log_test_topic_28-11-2020_22-19-42
Experiment id	3542b4e5-f213-4a3d-9b99-688dfeea790a
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0104
received	49.5294
sent	49.5294
lost	0.0
relative_loss	0.0
data_received	820267.4622
latency_min (ms)	0.0735
latency_max (ms)	0.1877
latency_mean (ms)	0.169
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4288
pub_loop_res_max (ms)	19.8471
pub_loop_res_mean (ms)	19.5311
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 (%)	0.1982

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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