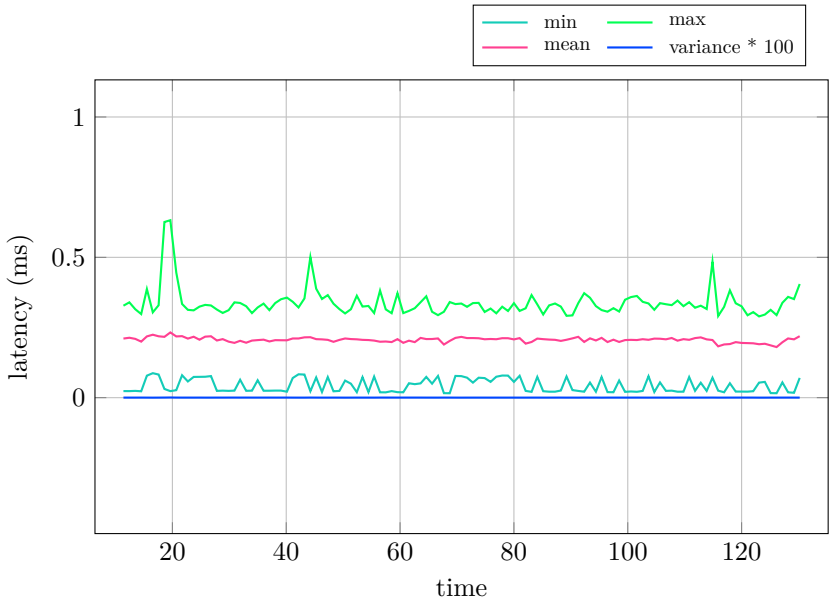
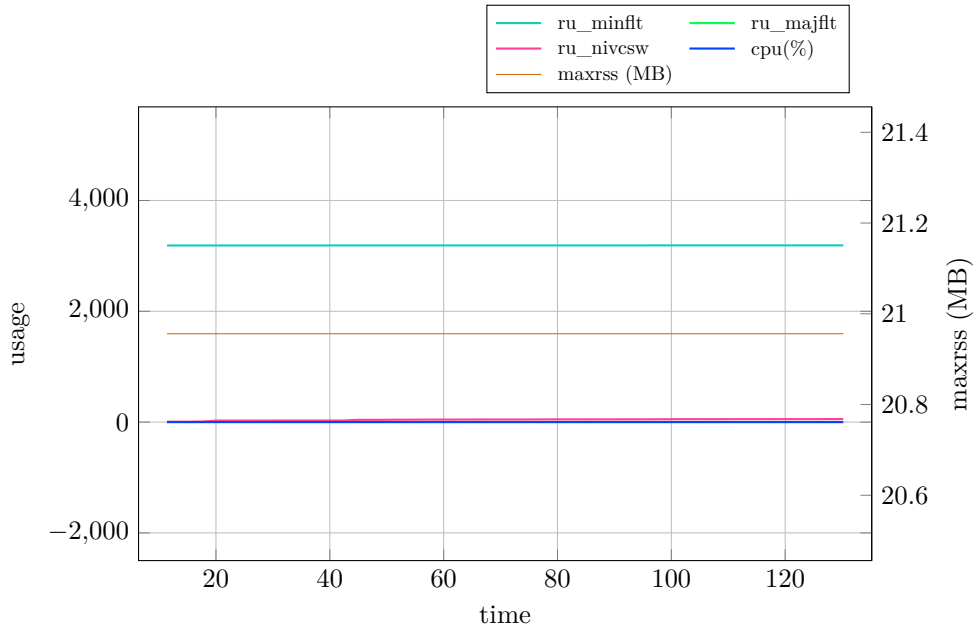
Performance

Logfile name	log_test_topic_01-12-2020_09-18-03
Experiment id	dfca36c5-750d-4e30-9a15-e29c58952ce8
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0241
received	247.547
sent	49.5214
lost	0.0
relative_loss	0.0
data_received	259995.3675
latency_min (ms)	0.0429
latency_max (ms)	0.3372
latency_mean (ms)	0.2062
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.3913
pub_loop_res_max (ms)	19.865
pub_loop_res_mean (ms)	19.5029
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 (%)	0.7232

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
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